



TECHNICAL DOCUMENT COVERPAGE

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Doc Title: BWROG-ECCS Strainer Bypass Test Report		
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Client: General Electric Hitachi (GEH)/Anatech		
<p>Document Purpose/Summary:</p> <p>This test report presents the results of BWROG ECCS strainer fiber bypass testing conducted according to the BWROG ECCS strainer bypass test plan [Ref. 12]. All design inputs are derived from BWROG-ECCS-TA13-001, BWROG ECCS Strainer Bypass Testing Technical Specification, Revision 0 [Ref.13] and email correspondence [Ref. 15]. This test report is prepared Safety-related in accordance with the Alion Science and Technology Innovative Technology Solutions Operation Nuclear Quality Assurance Program.</p> <p>Total Page Count: 726 pages including Appendices and Attachments.</p> <p>Safety-Related</p>		

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REVISION HISTORY LOG

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Document Title: BWROG ECCS Strainer Bypass Test Report

Instructions:

Preparer to provide a brief description of each document revision, including rationale for the change and, if applicable, identification of source documents used for the change.

REVISION	DATE	Description
0	10/17/2012	Original Issue
I	See Cover Page	Update figure with correct weights and add test logs and attachments for S2


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 Attachment C – Test C3 Test Logs (6 pages)
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 Attachment E – Test C5 Test Logs (2 pages)
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ACRONYMS AND DEFINITIONS

°F	Degrees Fahrenheit
“	inches (length)
ABB CE	Asea Brown Boveri Combustion Engineering
Alion	Alion Science and Technology
ASME	American Society of Mechanical Engineers
BWR	Boiling Water Reactor
CAR	Corrective Action Report
CCI	Control Components Incorporated
CFR	Code of Federal Regulations
CS	Containment Spray
dp	differential pressure
DSE	Downstream Effects Evaluations
ECCS	Emergency Core Cooling System
g	grams
gpm	gallons per minute (flow)
ft	Feet (of water)
GEH	General Electric Hitachi
GR	Guidance Report
GSI	Generic Safety Issue
HDFG	High-Density Fiber Glass
ITSO	Innovative Technology Solutions Operation
LDFG	Low Density Fiber Glass
LOCA	Loss of Coolant Accident
MSDS	Material Safety Data Sheet
NEI	Nuclear Energy Institute
NI	National Instruments
NPSH	Net Positive Suction Head
NUREG	Nuclear Regulatory Guide
PCI	Performance Contracting, Inc.
PNNL	Pacific Northwest Nuclear Laboratory
Psi	pounds per square inch (pressure)
PWR	Pressurized Water Reactor
QA	Quality Assurance
RAI	Request for Additional Information
RHR	Residual Heat Removal
SEM	Scanning Electron Microscope
SER	Safety Evaluation Report
SIS	Safety Injection System
USNRC/NRC	United States Nuclear Regulatory Commission
ZOI	Zone of Influence

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1.0 BACKGROUND

On November 27, 2007, the Nuclear Regulatory Commission (NRC) identified twelve areas of concern regarding the differences in treatment of containment strainer sump clogging issues for pressurized water reactors (PWR) and boiling water reactors (BWR) [Ref. 2]. These were later reduced to seven key issues on April 10, 2008, and one of these areas concerns in-vessel downstream effects of debris that bypasses the ECCS suction strainers of BWRs [Ref. 3]. The first step in considering these downstream effects is to generate a collection of data that represents the quantity and physical characteristics of the bypass debris associated with BWRs. An appropriate vehicle to collect such data is prototypical strainer testing.


Because the particulate portion of post-LOCA debris is much smaller than the perforations of ECCS suction strainers, the bypass testing will only consider fibrous debris (debris). 100% of the particulate debris is presumed to bypass the strainer.

This document develops the plan for conducting debris bypass testing for the purpose of determining the quantity and characteristics of fibrous debris that can potentially bypass BWR ECCS suction strainers in a post-LOCA environment.

2.0 TEST OBJECTIVES

The objective of this testing program is to characterize and quantify fibrous insulation debris that would bypass the ECCS suction strainers throughout the duration of ECCS pump operation. The test sequencing and data collection allows for the determination of fiber bypass quantity that is associated with suppression pool dynamics, debris quantity, fiber type, approach velocity, debris concentration within the pool, strainer type and time history. Test results will also report the physical characteristics (average fiber length and diameter, mass) of the bypass fiber. The results will illustrate the relationship between the variable test parameters and the bypass quantity. An independence of bypass quantity relative to the test variables would allow direct application of the results by combining them with plant specific ECCS flows and known pool concentrations. If a wide range of bypass quantities is measured for the test variables, additional testing may be required.

The test objectives do not include the measurement of particulate debris bypass, and the presence of particulate in the debris load would preclude the accurate measurement of fiber bypass, thus no

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particulates were added during testing. Therefore, although head loss was measured during testing, measured head loss can be used only as an independent test parameter to monitor test progress and does not correlate to the plant post-LOCA strainer head loss.

3.0 TECHNICAL APPROACH

3.1 Overview of Testing Strategy


BWROG bypass testing measured the bypassed fiber quantity for a prototypical test article using test conditions that represented the different BWR plants. A selected approach velocity was passed through a prototypical strainer, and fiber was added incrementally until the maximum postulated bed thickness that would preclude additional bypass was reached. Previous testing has illustrated that fiber bypass is mitigated when bed thicknesses reaches approximately $\frac{1}{4}$ " to $\frac{1}{2}$ ". Therefore, the bypass tests performed for this effort will yield bed thicknesses between $\frac{1}{2}$ " and $\frac{3}{4}$ " to ensure bypass has been mitigated. Examination of the results is required to verify that the bypass quantity is negligible at the conclusion of the debris additions. Prior to testing, 5-micron filter bags were used to completely filter out any 5-micron or larger latent debris that was present in the test tank and would have affected the post-test mass of the testing filter bags. Bypassed fiber added to the test was captured using nominal 5-micron filter bags in line with 100% of the flow passing through the filters. After all fiber was added to the test tank and the adequate pool turnover time was provided to allow complete accumulation of the fiber on the strainers, the pump was secured. After drying, the filter bags were weighed and the weights compared to the pre-test weights to determine the mass of the bypassed fiber.

3.2 Debris Load Definition

Plants represented by the BWROG utilize a variety of materials within the drywell that can produce fibrous debris. The test program utilized a range of fibrous debris designed to encompass all of the plants within the BWROG. The debris load definition was provided (See Appendix 2) which identified the fibrous debris source terms for current BWR plant configuration within the BWROG. The debris utilized throughout the testing program was NUKON, Temp-Mat, and Rockwool. See Section 4.2 for debris characterization and preparation requirements.

3.3 Scaling of Debris Quantities for Testing

Debris was scaled for the test program to yield a range of concentrations within the range of those in the BWR fleet. Debris was not added after a theoretical bed thickness of 0.500 to 0.750" (0.756" for

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test C2) would be established. Scaling of the debris quantities is detailed in Appendix I. This was repeated for each test for the range of debris utilized throughout the test program.


3.4 Filter Bags

The filter bags used to capture bypassed fiber were 5-micron mesh size. NUKON fibers typically have a diameter of 7 microns [Ref. 1] and typically have a much longer characteristic length, which facilitated high capture efficiencies. Temp-Mat fibers typically have a diameter of 9 microns and also typically have a much longer characteristic length, which also facilitates in high capture efficiencies. Rockwool fibers are typically 5 to 7 microns in diameter. Before use the filters were prewashed to remove any loose material. The filter bags were dried and weighed before and after testing to calculate the amount of fiber that was captured in the filter bags during the test.



Figure 3-1 – 5-micron Filter Bag

Each filter bag is rated to a maximum flow of 220 gpm [Ref. 12]. Therefore to determine the number of filter housings placed in the flow path for a given test, the target test flow rate was divided by the maximum flow rate and rounded up. For each test, the control filter bags were first installed in the filter housing(s). Flow was established through the control filters for the prescribed number of pool turnovers prior to debris introduction to determine the background weight gain. All filters are dried

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and weighed before and after testing to calculate the amount of fiber that was captured in the filter bags during the test. Each filter bag was dried with a set minimum drying time interval until the difference in weight change between three consecutive drying sessions is within a 0.08 gram range to ensure all moisture has been removed. The pre-test and post-test mass difference of the capture bags is equal to the mass of the captured (bypass) fiber. The captured fiber was saved for future analysis and characterization.

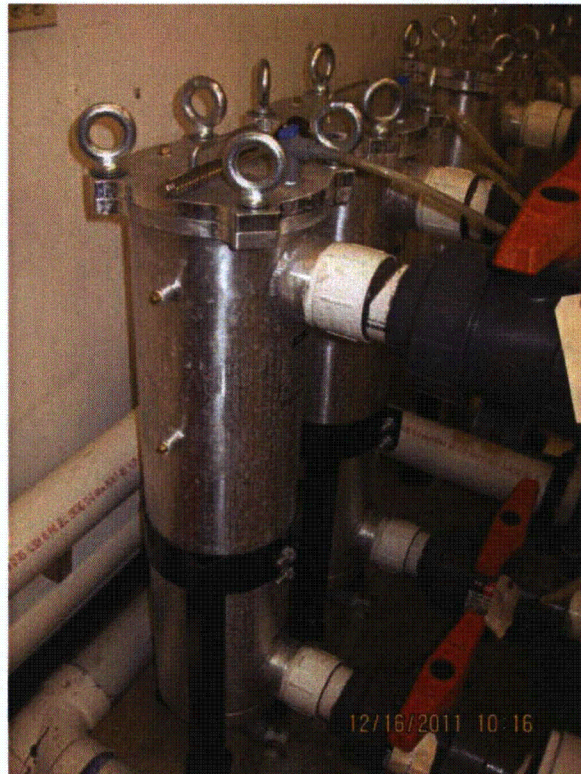



Figure 3-2 – Filter Housing “F1”
(Showing inlet, outlet, cap and top vent tube)

4.0 TEST DESCRIPTION

The test was performed at the Alion Hydraulics Laboratory located in Warrenville, IL. A diagram of a typical test tank instrumentation setup and flow path is illustrated in Figure 4-9.

4.1 Strainer Design

The various BWR strainer designs used by the BWR fleet differ in geometric complexity. Plants within the BWROG have five separate ECCS strainer designs as identified below:

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1. GE Stacked Disks with 3/32" or 1/8" holes in perforated plate
2. PCI Stacked Disks with 3/32" or 1/8" holes in perforated plate
3. Enercon Large Passive with 3/32" holes in perforated plate
4. CCI Cassette with 0.032" holes in perforated plate
5. ABB/CE Large Star with 1/16" or 1/8" holes in perforated plate

The Performance Contracting Inc. (PCI) stacked disk strainer was selected to represent the complex geometry for both 1/8" and 3/32" perforated hole sizes and is mounted horizontally where the disks are concentric with the side suction of the test tank, see Figure 4-1. This followed the scope change task I [Ref. 28] along with the email approval [Ref. 29] to use the PCI stacked disc strainer instead of a General Electric Hitachi (GEH) strainer as stated in the test plan and technical specification [Ref. 12 & 13]. The PCI stacked disk strainer consists of three modular stacked disk strainers that are approximately 27" in diameter by 2" thick. Each disk is separated by an approximately 2" perforated ring that is 12" in diameter. Although the upstream area of the first disk and the downstream area of the third disk is perforated, they are partially occluded by the plenum structure, so to maintain conservatism credit is not taken for this area, see Figure 4-2. The total test surface area is 23 ft².

An alternate design represented by the Enercon strainer shall be tested to isolate the impact of strainer geometry on bypass quantity. The Enercon strainer is desirable as an alternate design due to the contrast in geometry with respect to the GE and other strainer designs (see Figure 4-3). The Enercon strainer has a test surface area of 31.1 ft² with 3/32 in. perforation hole size (see Attachment O).



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Figure 4-1 – PCI Stacked Disk Strainer



Figure 4-2 – PCI Stacked Disk Strainer with Support Ring (Top Plate Bolts Not Shown)

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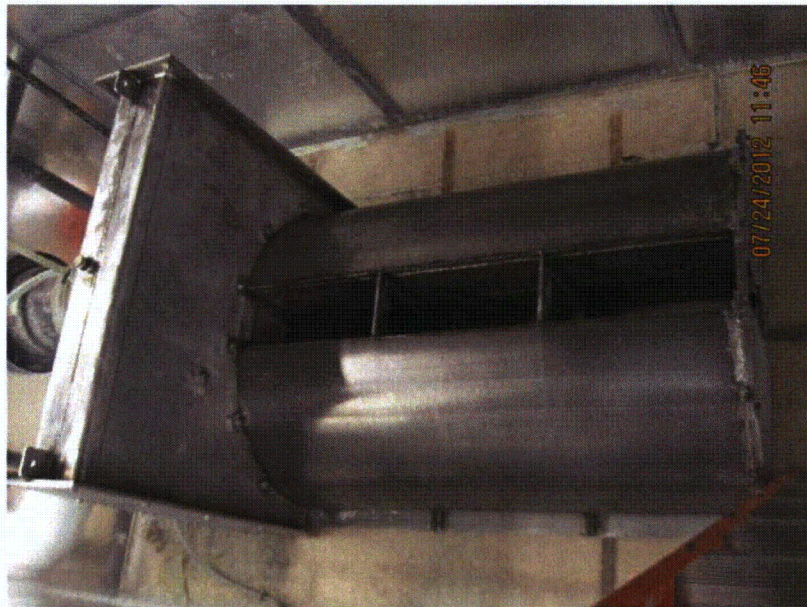


Figure 4-3 – Enercon Strainer As-Installed


4.2 Fiber Bypass Testing

Alion performed a fiber bypass test on two prototypical test articles to measure the fiber bypass quantity through the test strainers. The prototypical strainer section was comprised of representatives of the plant strainers (see Section 4.1). The test strainers had additional internal support bars, but this was a negligible difference and did not affect the quantity of bypassed fiber.

4.3 Scaling and Selection of Prototype

A test article based on the PCI stacked disk design utilizing 1/8" perforations was used as the base strainer. The test article was configured with a nominal screen surface area of 23 ft². From the compiled plant data [Ref. 12], this type of design applies to the largest range of plant fiber concentrations within the suppression pools including the lowest concentration of fiber. Appendix 2 includes a summary table of fiber concentrations within the BWROG suppression pools for each of the strainer designs.

Appendix I includes the scaling ratio methodology to scale the test strainer area to plant-specific strainer area.

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After completing the test series that determines the impact of varying individual test conditions, a test was performed on a similar PCI test strainer with 3/32” perforations.

The test program also addresses the impact of strainer geometry on bypass quantity by performing a test using an Enercon large passive design.

4.4 Fiber Debris, Preparation and Size Distribution

NUKON, Temp-Mat, and Rockwool fines were used to represent fibrous debris during the BWROG bypass test program. NUKON and Rockwool and were provided by Performance Contracting, Inc. (PCI) and Temp-Mat was provided by JPS Glass. NUKON fines were used to represent plant LDFG insulation and Temp-Mat fines were used to represent the HDFG insulation. The as-fabricated density of NUKON is 2.4 lb/ft³ and the nominal fiber diameter is 7 microns. The as-fabricated density of Temp-Mat is 11.8 lb/ft³ and the nominal fiber diameter is 9 microns.

Alion debris preparation procedure ALION-SPP-LAB-2352-22 [Ref. 4] was used to produce fiber “Fines”, in accordance with NUREG/CR-6808 Classes 1–3 [Ref. 14]. This procedure produced the required size distribution and fiber fines that are easily transportable and readily disperse in the testing medium. The fiber fines were boiled for 10 minutes then further processed by adding approximately 3 gallons of water to ¼ lb of fiber and agitating with a paint stirrer to ensure complete dispersion of fibers, and the fiber slurry was re-suspended with similar agitation prior to introduction into the test tank. A representative sample of the fiber fines was photographed to ensure it met the Class 1-3 size classification before use [Ref. 4 & 11]. Photographs of prepared NUKON, Rockwool and Temp-Mat fiber “Fines” from the bypass testing are included as Figure 4-4 through Figure 4-6.

It should be noted that the final agitation step typically performed to reduce the fiber into Class 1-3 fines was observed to yield very fine particles when applied to Rockwool due to its brittle nature. Therefore, the final agitation step using a paint mixer was not performed on Rockwool. The resulting material used in the experiment was observed to be consistent with the desired Class 1-3 size.


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Figure 4-4 – Prepared Bypass Test NUKON Fines

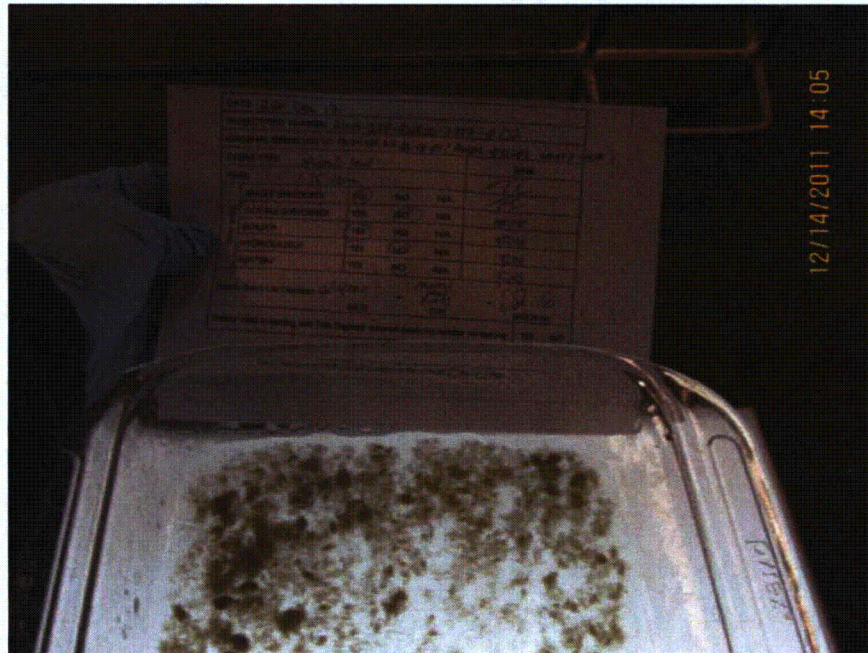


Figure 4-5 – Prepared Bypass Test Rockwool Fines


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Figure 4-6 – Prepared Bypass Test Temp-mat Fines

4.5 Debris Introduction

Fiber was added to the tank in small additions to determine bypass quantity relative to bed thickness. The individual batches of fiber introduced to the test were sized with respect to the test pool volume to yield fiber concentrations within the range of plant concentrations. Tests C1-C5, described in Section 5.0, multiple batch additions that each result in nominal bed thicknesses ranging from 1/64" to 3/4". The extremes of this range represent the lowest concentration of fiber in the BWROG suppression pools, to a high concentration that is expected to exceed the limiting bypass fiber quantity. Fiber additions are included in the following test matrices:


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Table 4-1: Test CI

Debris Concentration Test CI on PCI Stacked Disk Strainer (1/8" hole size) (Nukon, 2500 gal. Tank, 412 gpm, 23 ft ² Screen)						
Test # CI (Steps)	Batch Quantity (lb _m)	Individual Batch Concentration (ft ³ /gal) / (g/ft ³)	Theoretical Bed Thickness (nominal) (in)	Approach Velocity (ft/s)	Filter ID (See Test Log)	Flow (gpm)
CI.0	0	0 / 0	0	0.04	Control	412
CI.1	0.08	0.000013 / 0.1058	0.017	0.04	-	412
CI.2	0.08	0.000013 / 0.1058	0.034	0.04	-	412
CI.3	0.08	0.000013 / 0.1058	0.051	0.04	-	412
CI.4	0.08	0.000013 / 0.1058	0.068	0.04	-	412
CI.5	0.08	0.000013 / 0.1058	0.085	0.04	-	412
CI.6	0.08	0.000013 / 0.1058	0.102	0.04	-	412
CI.7	0.08	0.000013 / 0.1058	0.119	0.04	-	412
CI.8	0.08	0.000013 / 0.1058	0.136	0.04	-	412
CI.9	0.08	0.000013 / 0.1058	0.153	0.04	-	412
CI.10	0.08	0.000013 / 0.1058	0.170	0.04	-	412
CI.11	0.08	0.000013 / 0.1058	0.187	0.04	-	412
CI.12	0.08	0.000013 / 0.1058	0.204	0.04	-	412
CI.13	0.08	0.000013 / 0.1058	0.221	0.04	-	412
CI.14	0.08	0.000013 / 0.1058	0.238	0.04	-	412
CI.15	0.08	0.000013 / 0.1058	0.255	0.04	-	412
CI.16	0.08	0.000013 / 0.1058	0.272	0.04	-	412
CI.17	0.08	0.000013 / 0.1058	0.289	0.04	-	412
CI.18	0.08	0.000013 / 0.1058	0.306	0.04	-	412
CI.19	0.08	0.000013 / 0.1058	0.323	0.04	-	412
CI.20	0.08	0.000013 / 0.1058	0.340	0.04	-	412
CI.21	0.08	0.000013 / 0.1058	0.357	0.04	-	412
CI.22	0.08	0.000013 / 0.1058	0.374	0.04	-	412
CI.23	0.08	0.000013 / 0.1058	0.391	0.04	-	412
CI.24	0.08	0.000013 / 0.1058	0.408	0.04	-	412
CI.25	0.08	0.000013 / 0.1058	0.425	0.04	-	412
CI.26	0.08	0.000013 / 0.1058	0.442	0.04	-	412
CI.27	0.08	0.000013 / 0.1058	0.459	0.04	-	412
CI.28	0.08	0.000013 / 0.1058	0.476	0.04	-	412
CI.29	0.08	0.000013 / 0.1058	0.493	0.04	-	412
CI.30	0.08	0.000013 / 0.1058	0.510	0.04	-	412
CI.31	0.08	0.000013 / 0.1058	0.527	0.04	-	412
CI.32	0.08	0.000013 / 0.1058	0.544	0.04	-	412


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Table 4-2: Test C2

Debris Concentration Test C2 on PCI Stacked Disk Strainer (1/8" hole size) (Nukon, 2500 gal. Tank, 412 gpm, 23 ft ² Screen)						
Test # C2 (Steps)	Batch Quantity (lb _m)	Individual Batch Concentration (ft ³ /gal) / (g/ft ³)	Theoretical Bed Thickness (nominal) (in)	Approach Velocity (ft/s)	Filter ID (See Test Log)	Flow (gpm)
C2.0	0	0 / 0	0	0.04	Control	412
C2.1	0.29	0.000048 / 0.3908	0.063	0.04	-	412
C2.2	0.29	0.000048 / 0.3908	0.126	0.04	-	412
C2.3	0.29	0.000048 / 0.3908	0.189	0.04	-	412
C2.4	0.29	0.000048 / 0.3908	0.252	0.04	-	412
C2.5	0.29	0.000048 / 0.3908	0.315	0.04	-	412
C2.6	0.29	0.000048 / 0.3908	0.378	0.04	-	412
C2.7	0.29	0.000048 / 0.3908	0.441	0.04	-	412
C2.8	0.29	0.000048 / 0.3908	0.504	0.04	-	412
C2.9	0.29	0.000048 / 0.3908	0.567	0.04	-	412
C2.10	0.29	0.000048 / 0.3908	0.630	0.04	-	412
C2.11	0.29	0.000048 / 0.3908	0.693	0.04	-	412
C2.12	0.29	0.000048 / 0.3908	0.756	0.04	-	412

Table 4-3: Test C3

Debris Concentration Test C3 on PCI Stacked Disk Strainer (1/8" hole size) (Nukon, 2500 gal. Tank, 412 gpm, 23 ft ² Screen)						
Test # C3 (Steps)	Batch Quantity (lb _m)	Individual Batch Concentration (ft ³ /gal) / (g/ft ³)	Theoretical Bed Thickness (nominal) (in)	Approach Velocity (ft/s)	Filter ID (See Test Log)	Flow (gpm)
C3.0	0	0 / 0	0	0.04	Control	412
C3.1	0.58	0.000096 / 0.7817	0.125	0.04	-	412
C3.2	0.58	0.000096 / 0.7817	0.250	0.04	-	412
C3.3	0.58	0.000096 / 0.7817	0.375	0.04	-	412
C3.4	0.58	0.000096 / 0.7817	0.500	0.04	-	412
C3.5	0.58	0.000096 / 0.7817	0.625	0.04	-	412
C3.6	0.58	0.000096 / 0.7817	0.750	0.04	-	412

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Table 4-4: Test C4

Debris Concentration Test C4 on PCI Stacked Disk Strainer (1/8" hole size) (Nukon, 2500 gal. Tank, 412 gpm, 23 ft ² Screen)						
Test # C4 (Steps)	Batch Quantity (lb _m)	Individual Batch Concentration (ft ³ /gal) / (g/ft ³)	Theoretical Bed Thickness (nominal) (in)	Approach Velocity (ft/s)	Filter ID (See Test Log)	Flow (gpm)
C4.0	0	0 / 0	0	0.04	Control	412
C4.1	1.15	0.00019 / 1.547	0.250	0.04	-	412
C4.2	1.15	0.00019 / 1.547	0.500	0.04	-	412
C4.3	1.15	0.00019 / 1.547	0.750	0.04	-	412

Table 4-5: Test C5

Debris Concentration Test C5 on PCI Stacked Disk Strainer (1/8" hole size) (Nukon, 2500 gal. Tank, 412 gpm, 23 ft ² Screen)						
Test # C5 (Steps)	Batch Quantity (lb _m)	Individual Batch Concentration (ft ³ /gal) / (g/ft ³)	Theoretical Bed Thickness (nominal) (in)	Approach Velocity (ft/s)	Filter ID (See Test Log)	Flow (gpm)
C5.0	0	0 / 0	0	0.04	Control	412
C5.1	3.45	0.00057 / 4.641	0.750	0.04	-	412

Table 4-6: Test D1

Debris Tests D1 on PCI Stacked Disk Strainer (1/8" hole size) – TEMP-MAT (0.000096 ft ³ /gal Batch Concentration, 2500 gal. Tank, 23 ft ² Screen, 412 gpm)						
Test # D1 (Steps)	Batch Quantity (lb _m)	Individual Batch Concentration (ft ³ /gal) / (g/ft ³)	Theoretical Bed Thickness (nominal) (in)	Approach Velocity (ft/s)	Filter ID (See Test Log)	Flow (gpm)
D1.0	0	0 / 0	0	0.04	Control	412
D1.1	2.83	0.000096 / 3.8411	0.125	0.04	-	412
D1.2	2.83	0.000096 / 3.8411	0.250	0.04	-	412
D1.3	2.83	0.000096 / 3.8411	0.375	0.04	-	412
D1.4	2.83	0.000096 / 3.8411	0.500	0.04	-	412
D1.5	2.83	0.000096 / 3.8411	0.625	0.04	-	412
D1.6	2.83	0.000096 / 3.8411	0.750	0.04	-	412


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Table 4-7: Test D-2

Debris Tests D2 on PCI Stacked Disk Strainer (1/8" hole size) – ROCK WOOL (0.000096 ft ³ /gal Batch Concentration, 2500 gal. Tank, 23 ft ² Screen, 412 gpm)						
Test # D2 (Steps)	Batch Quantity (lb _m)	Individual Batch Concentration (ft ³ /gal) / (g/ft ³)	Theoretical Bed Thickness (nominal) (in)	Approach Velocity (ft/s)	Filter ID (See Test Log)	Flow (gpm)
D2.0	0	0 / 0	0	0.04	Control	412
D2.1	1.15	0.000096 / 1.5607	0.125	0.04	-	412
D2.2	1.15	0.000096 / 1.5607	0.250	0.04	-	412
D2.3	1.15	0.000096 / 1.5607	0.375	0.04	-	412
D2.4	1.15	0.000096 / 1.5607	0.500	0.04	-	412
D2.5	1.15	0.000096 / 1.5607	0.625	0.04	-	412
D2.6	1.15	0.000096 / 1.5607	0.750	0.04	-	412

Table 4-8: Test F1

Flow Test F1 on PCI Stacked Disk Strainer (1/8" hole size) (Nukon, 2500 gal. Tank, 206 gpm, 23 ft ² Screen)						
Test # F1 (Steps)	Batch Quantity (lb _m)	Individual Batch Concentration (ft ³ /gal) / (g/ft ³)	Theoretical Bed Thickness (nominal) (in)	Approach Velocity (ft/s)	Filter ID (See Test Log)	Flow (gpm)
F1.0	0	0 / 0	0	0	Control	206
F1.1	0.58	0.000096 / 0.7817	0.125	0.02	-	206
F1.2	0.58	0.000096 / 0.7817	0.250	0.02	-	206
F1.3	0.58	0.000096 / 0.7817	0.375	0.02	-	206
F1.4	0.58	0.000096 / 0.7817	0.500	0.02	-	206
F1.5	0.58	0.000096 / 0.7817	0.625	0.02	-	206
F1.6	0.58	0.000096 / 0.7817	0.750	0.02	-	206

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Table 4-9: Test F2

Flow Test F2 on PCI Stacked Disk Strainer (1/8" hole size) (Nukon, 2500 gal. Tank, 618 gpm, 23 ft ² Screen)						
Test # F2 (Steps)	Batch Quantity (lb _m)	Individual Batch Concentration (ft ³ /gal) / (g/ft ³)	Theoretical Bed Thickness (nominal) (in)	Approach Velocity (ft/s)	Filter ID (See Test Log)	Flow (gpm)
F2.0	0	0 / 0	0	0.06	Control	618
F2.1	0.58	0.000096 / 0.7817	0.125	0.06	-	618
F2.2	0.58	0.000096 / 0.7817	0.250	0.06	-	618
F2.3	0.58	0.000096 / 0.7817	0.375	0.06	-	618
F2.4	0.58	0.000096 / 0.7817	0.500	0.06	-	618
F2.5	0.58	0.000096 / 0.7817	0.625	0.06	-	618
F2.6	0.58	0.000096 / 0.7817	0.750	0.06	-	618

Table 4-10: Test S1

Strainer Design Tests S1 on PCI Stacked Disk Strainer (3/32" hole size) (Nukon, 2500 gal. Tank, 412 gpm, 23 ft ² Screen)						
Test # S1 (Steps)	Batch Quantity (lb _m)	Individual Batch Concentration (ft ³ /gal) / (g/ft ³)	Theoretical Bed Thickness (nominal) (in)	Approach Velocity (ft/s)	Filter ID (See Test Log)	Flow (gpm)
S1.0	0	0 / 0	0	0.04	Control	412
S1.1	0.58	0.000096 / 0.7817	0.125	0.04	-	412
S1.2	0.58	0.000096 / 0.7817	0.250	0.04	-	412
S1.3	0.58	0.000096 / 0.7817	0.375	0.04	-	412
S1.4	0.58	0.000096 / 0.7817	0.500	0.04	-	412
S1.5	0.58	0.000096 / 0.7817	0.625	0.04	-	412
S1.6	0.58	0.000096 / 0.7817	0.750	0.04	-	412


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Table 4-11: Test S2

Strainer Design Tests S2 on Enercon Strainer (3/32" hole size) (Nukon, 2500 gal. Tank, 718 gpm, 31.1 ft ² Screen)						
Test # S2 (Steps)	Batch Quantity (lb _m)	Individual Batch Concentration (ft ³ /gal) / (g/ft ³)	Theoretical Bed Thickness (nominal) (in)	Approach Velocity (ft/s)	Filter ID (See Test Log)	Flow (gpm)
S2.0	0	0 / 0	0	0.02	Control	279
S2.1	0.58	0.000096 / 0.7817	0.093	0.02	-	279
S2.2	0.58	0.000096 / 0.7817	0.186	0.02	-	279
S2.3	0.58	0.000096 / 0.7817	0.279	0.02	-	279
S2.4	0.58	0.000096 / 0.7817	0.372	0.02	-	279
S2.5	0.58	0.000096 / 0.7817	0.465	0.02	-	279
S2.6	0.58	0.000096 / 0.7817	0.558	0.02	-	279
S2.7	0.58	0.000096 / 0.7817	0.651	0.02	-	279
S2.8	0.58	0.000096 / 0.7817	0.744	0.02	-	279
S2.9	0.58	0.000096 / 0.7817	0.837	0.02	-	279


4.6 Pool Turnover Criteria

After each batch addition, the test was continued for a minimum of five tank turnovers to ensure that all added fiber accumulates on the strainer. When the final fiber addition, the tank was allowed to circulate for at least five tank turnovers before test termination. During testing, fiber that began settling out was agitated and re-suspended manually to ensure it reached the strainer module. During this agitation, care was taken to not disturb the debris bed on the strainer. No significant quantities of debris were allowed to settle in the tank environs. Manual agitation was provided through use of a wooden oar, and was conducted carefully to avoid disturbing the debris bed on the strainer module.

4.7 Hydraulic Test Conditions

4.7.1 Strainer Approach Velocity

The maximum approach velocities for the BWR plants that utilize fiberglass insulation range from 0.00564 ft/s (representing NPP 5 RHR operation) to 0.117 ft/s (representing NPP 27 CS operation) [Ref. 2]. Plants that reported flows and strainer screen areas resulting in higher approach velocities are also reported to use insignificant quantities of fiberglass insulation [Ref. 12]. The actual ECCS pumps installed in the plants are capable of operating at very high delivery limits. Due to the high head losses that will likely result from the filtration system used to collect the bypass fiber in the test lab, the

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extreme upper limits of the plant velocities can not be easily replicated. However, a sufficient range of low to high test velocities can be achieved to develop a plot that represents the relationship between approach velocity and the quantity of bypass fiber. As observed in the test matrices the range of approach velocities will be 0.02 ft/s to 0.06 ft/s. This range includes the approach velocities of the majority of plants, and can be used to evaluate the desired relationship between velocity and bypass quantity.

4.7.2 Water Temperature and Chemistry

Specific plant suppression pool chemistry was not established in the test medium. The test was run with municipal water that has been filtered through a commercial 5-micron filter prior to the introduction of fiber. This process was intended to minimize the trace quantities of minerals and particulates that are typically found in potable water. Any remaining material that is deposited on the test filters would result in slightly conservative results.

Temperatures lower than those expected in post LOCA environments result in lower settling velocities yielding conservative results. Therefore, the tests were performed at ambient temperature conditions. Temperature was monitored but not controlled throughout the test.

4.7.3 Water Level

The water level in the test tank was initially set to 65 inches. The water level increased slightly with each debris addition during the test.

4.8 Test Layout

The test tank and strainer layout is shown in Figure 4-7 through Figure 4-8.


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Figure 4-7 – Strainer Test Module in Tank



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Figure 4-8 – Photograph of PCI Strainer with Mechanical Mixers

Figure 4-9 is the flow diagram of the tank apparatus used throughout testing. The mechanical mixers shown in Figure 4-8 are omitted in Figure 4-9. The inline turbidity meter was not installed for this test program.

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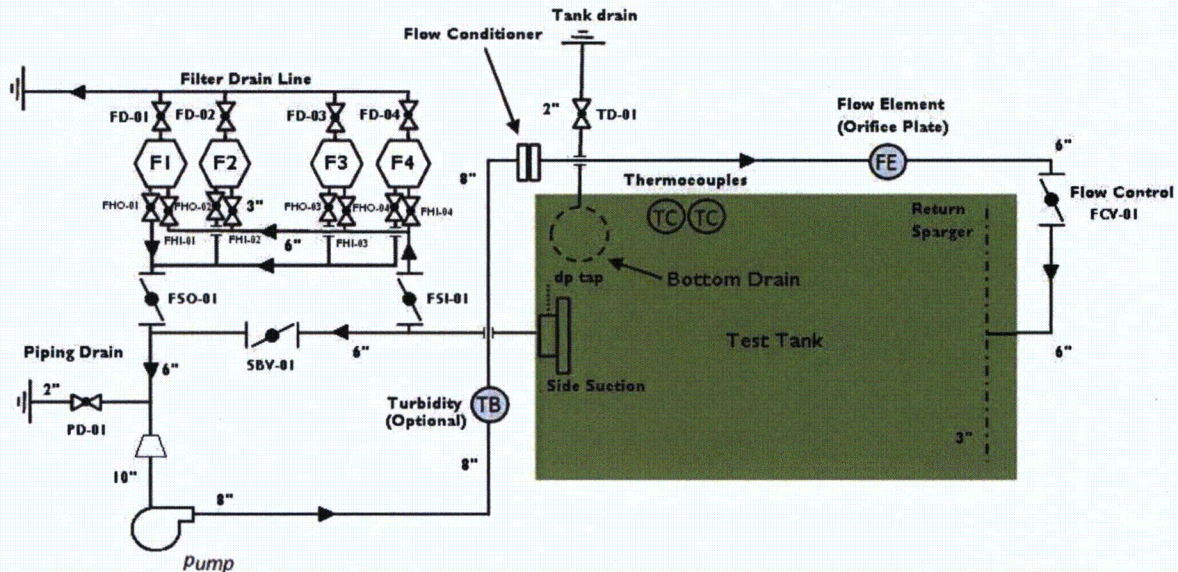



Figure 4-9 – Test Tank Flow Diagram

A sparger system was used to aid in the suspension of the debris within the water by directing the pump discharge along the floor on the east side of the test tank. The sparger was installed to maximize debris suspension in the tank without disturbing the debris bed around the strainer. Electromechanical agitators (a modified trolling motor, see Figure 4-8) were used in the deep portion of the tank to ensure all debris was suspended and able to transport to the test strainer. Additionally, manual stirring was used to re-suspend fiber that settled around or on top of the test strainer.

4.9 Test Equipment and Accuracy

The following is a summary of the measurement equipment used in the BWROG strainer fiber bypass testing program [Ref. 12]:

- Scales and Balances, as needed (balances verified prior to use)
 - 0 to 610 grams range, 0.01 grams readability
 - 0 to 6 kilograms range, 0.002 kilograms readability
- Pressure transmitters, as needed
 - 0 to 50 inches of water range, $\pm 0.25\%$ accuracy of upper range or better
 - 0 to 100 inches of water range, $\pm 0.25\%$ accuracy of upper range or better


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- 0 to 250 inches of water range, $\pm 0.25\%$ accuracy of upper range or better
- 0 to 300 inches of water range, $\pm 0.25\%$ accuracy of upper range or better
- Flow orifice
 - 0 gpm to 900 gpm, $\pm 0.25\%$ of measured velocity
- Thermocouples
 - $-328\text{ }^{\circ}\text{F}$ to $1652\text{ }^{\circ}\text{F}$ range, $\pm 0.5\%$ above $32\text{ }^{\circ}\text{F}$, LabView verified to $\pm 5\%$
- Temperature probe
 - $-50\text{ }^{\circ}\text{C}$ to $300\text{ }^{\circ}\text{C}$ range, $\pm 1\text{ }^{\circ}\text{C}$
- NI LabVIEW™ data acquisition system
 - Real-time analog data acquisition system, allowing continuous display of test parameter values and trends. Data was sampled every two seconds, and averaged over the previous 10 data points. Test data is recorded for each instrument in a simple spreadsheet for later analysis.
- 5-micron filter bags

4.10 Test Procedures

The BWROG Downstream effects Bypass Test Plan [Ref. 12] documents the requirements for the bypass testing program, and includes the procedural requirements used to control test performance and documentation. Generic procedures and test specific bypass test procedures were used, and all procedures are listed below:

- ALION-SPP-LAB-2352-22 – Debris Preparation Procedure [Ref. 4]
- ALION-SPP-LAB-2352-45 – Test Tank Draining and Cleaning Procedure [Ref. 5]
- ALION-SPP-LAB-2352-44 – Test Tank Fill Procedure [Ref. 6]
- ALION-SPP-LAB-2352-46 – Test Tank Debris Head Loss Procedure [Ref. 7]
- ALION-SPP-LAB-2352-70 – Filter Bag Preparation and Processing Procedure [Ref. 8]
- ALION-PLN-LAB-2352-03 – Hydraulic Testing of Debris Program Description: Test Tank [Ref. 9]
- ALION-SPP-LAB-2352-13 – Test Equipment Verification Procedure [Ref. 10]
- ALION-SPP-BWROG-7337-0C1 – Bypass Test C1 Procedure [Ref. 16]
- ALION-SPP-BWROG-7337-0C2 – Bypass Test C2 Procedure [Ref. 17]

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- ALION-SPP-BWROG-7337-0C3 – Bypass Test C3 Procedure [Ref. 18]
- ALION-SPP-BWROG-7337-0C4 – Bypass Test C4 Procedure [Ref. 19]
- ALION-SPP-BWROG-7337-0C5 – Bypass Test C5 Procedure [Ref. 20]
- ALION-SPP-BWROG-7337-0D1 – Bypass Test D1 Procedure [Ref. 21]
- ALION-SPP-BWROG-7337-0D2 – Bypass Test D2 Procedure [Ref. 22]
- ALION-SPP-BWROG-7337-0F1 – Bypass Test F1 Procedure [Ref. 23]
- ALION-SPP-BWROG-7337-0F2 – Bypass Test F2 Procedure [Ref. 24]
- ALION-SPP-BWROG-7337-0S1 – Bypass Test S1 Procedure [Ref. 25]
- ALION-SPP-BWROG-7337-0S2 – Bypass Test S2 Procedure [Ref. 26]


4.11 Testing Anomalies

Two testing anomalies occurred during testing. The first occurred before test 0C2 and was due to the 3/32" perforation hole size strainer being installed instead of the desired 1/8" perforation hole size strainer. The anomaly was discovered and corrected after installation but prior to any data collection. The second occurred during a filter-housing changeover. While changing the filter housings to prepare for the next fibrous addition, the open valves were closed before the next set of filter housing valves could be opened. The nonconformance report established for this occurrence illustrates the insignificance of any impact to the results. Both of these anomalies are discussed along with their corresponding justification, in Attachment P.

5.0 QUALITY ASSURANCE

The BWROG Downstream Effects Bypass test program was developed, implemented, and maintained in accordance with the Alion Science and Technology's Quality Assurance (QA) Program for nuclear safety-related services. Those processes that affect the quality of the output are identified and controlled by project specific procedures.

The goal of the test program was to develop downstream effects bypass data that may be used to support safety related analyses; therefore, the data was obtained and developed in accordance with the Alion ITSO 10CFR50 Appendix B QA Program. Materials, parts, and components used by the testing program do not perform safety related functions and were not designated for installation and use in nuclear facilities. The data acquired from the test program, however, is used to validate the

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performance and/or form the basis for design of components installed in a nuclear facility. Measuring and test equipment was calibrated in accordance with the ITSO QA Program.

It should be noted that the performance or critical characteristics of the test apparatus and equipment are not the same as that required for a nuclear safety-related system (i.e. notwithstanding a design basis accident); however, to ensure a quality output, the input and process were controlled in a quality manner. Those processes that affect quality were identified and controlled by project-specific procedures. Those processes that affect quality are: preparation of test specimens, measurement and test equipment (procurement, calibration, and data collection), and test operation.

The fit, form, and function of materials, parts, and components used for testing and analysis by Alion are controlled by specification to ensure the required design characteristics are established to duplicate and/or model safety-related nuclear components. Certificates of conformance and compliance may be used to document specification or design compliance for materials, parts, or components.

The NUKON, Temp-Mat and Rockwool fiber used in testing were supplied commercially from the original equipment manufacturer.

6.0 RESULTS

The graphs provided below each report a bypass quantity relative to a theoretical bed thickness on the strainer surface. Figure 6-1 and Figure 6-2 show all plots for every test performed. Figure 6-4 and Figure 6-7 show the pool concentration re-test and approach velocity versus bypass, respectively. Figure 6-3, Figure 6-5, Figure 6-6, and Figure 6-8 show the bypass quantities for each test performed within a test series as follows:

Table 6-1: Figure Legend

Figure	Variable Parameter
Figure 6-3	Pool Concentration
Figure 6-5	Fiber Type
Figure 6-7	Approach Velocity
Figure 6-8	Strainer Attributes


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Figure 6-1 illustrates the quantity of bypass fiber associated with each debris addition for all tests performed. Note that for test C5, only one debris addition was performed that yielded a theoretical bed thickness of 3/4". This was performed to establish a data point for the highest concentration of fiber in the pool. With all other tests, multiple additions were performed to build debris beds in a stepped fashion. It can be observed that in each test, the greatest bypass quantity is associated with the initial debris addition, and reduces with each subsequent addition as the fiber bed thickness increases. Bypass appears to become negligible once the theoretical bed thickness reaches approximately 3/8" to 1/2".

In Figure 6-2, the cumulative quantity of bypassed fiber for each test addition through completion is shown. The total amount of bypass stabilizes throughout the addition process as a result of fiber bed accumulation on the strainer.

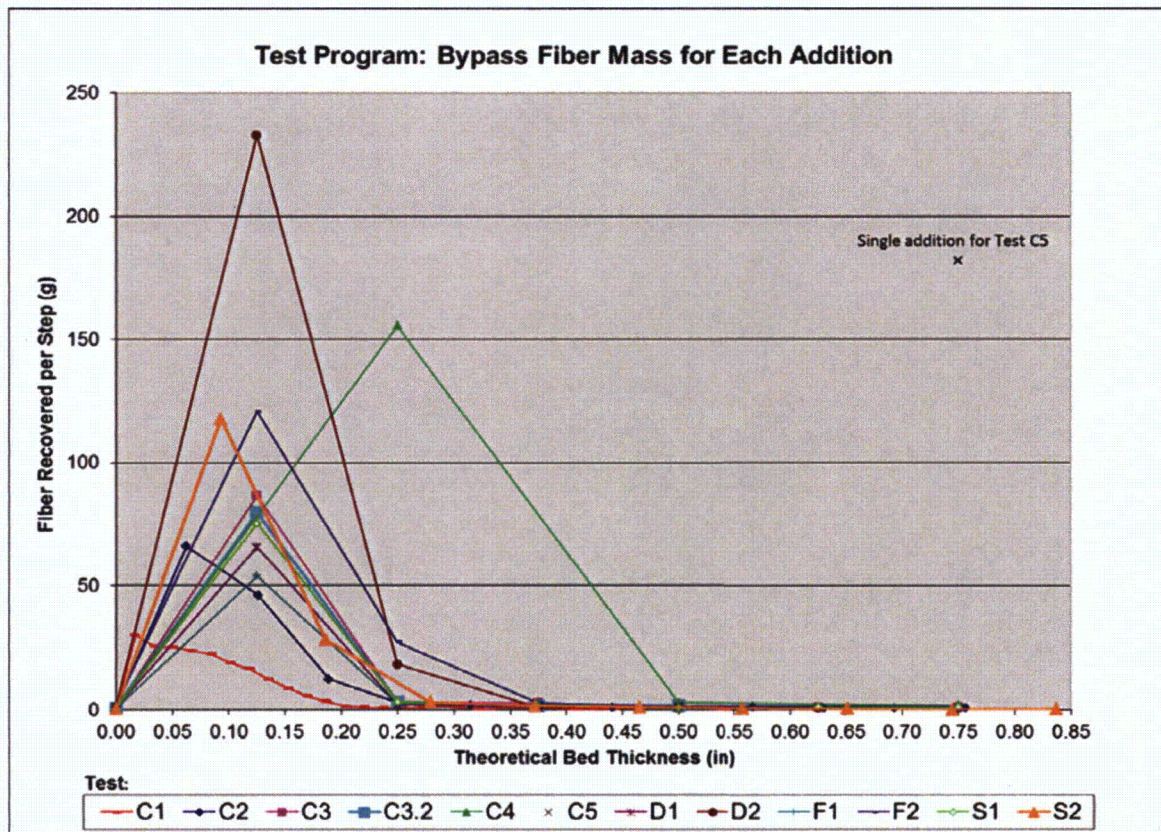



Figure 6-1 – Test Program: Bypass Fiber Mass for Each Addition

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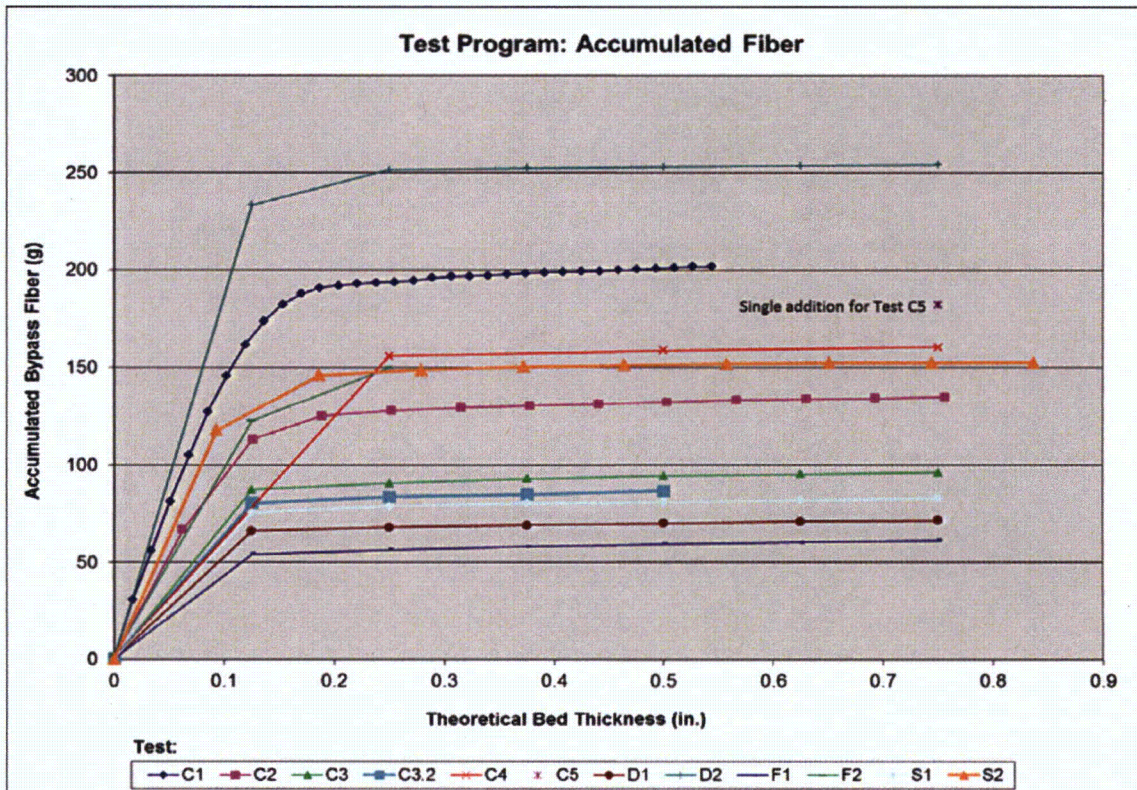


Figure 6-2 – Test Program Accumulated Fiber vs. Theoretical Bed Thickness

The total fiber bypassed for each test can be seen in Table 6-2. Past Alion experience has shown the filter bags to typically have a capture efficiency of greater than 95%; however, for conservatism Alion recommends a 90% filter bag capture efficiency. The fiber bypass of the test and the filter bag capture efficiency can then be used in the below equation to determine the scaled up fiber bypass quantity of each plant. See Attachment M for the results of each test.

$$\text{FiberBypass}_{\text{plant}} = \frac{\text{FiberBypass}_{\text{Test}}}{\text{FilterBagCaptureEfficiency}} \times \frac{1}{\text{ScalingRatio}}$$


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Table 6-2: Total Fiber Bypass per Test

Test #	Total Fiber Bypassed (g)	Bypass (g) / ft ² strainer surface
C1	201.74	8.77
C2	134.73	5.86
C3	95.96	4.17
C3.2	86.35	3.75
C4	160.47	6.98
C5	182.16	7.92
D1	71.61	3.11
D2	254.42	11.06
F1	61.41	2.67
F2	156.36	6.80
S1	82.88	3.60
S2	152.11	4.89

Table 6-3 gives a sample of filter weights before and after testing, as well as the total mass of fiber bypass. The filters were prepared before the test and processed after the test according to Reference 8. This process was repeated for each filter for each test within the test program. The filter pre-test weights can be found in the filter preparation logs, see Attachment K. Similarly, the filter post-test weights can be found in the filter processing logs, see Attachment L.

Table 6-3: Sample of Filter Bag Weights, Drying Times, and Mass of Fiber Collected

Pre-Test	Filter A		Filter B	
	Drying Time	Mass	Drying Time	Mass
	(hr)	(g)	(hr)	(g)
1st Weight	24	200.15	24	196.43
2nd Weight	26	200.15	26	196.42
3rd Weight	28	200.18	28	196.45
Post-Test	Filter A		Filter B	
	Drying Time	Mass	Drying Time	Mass
	(hr)	(g)	(hr)	(g)
1st Weight	24	200.46	24	196.71
2nd Weight	26	200.47	26	196.76
3rd Weight	28	200.43	28	196.75
Collected Fiber	Filter A		Filter B	
Fiber Mass per Filter (g)	0.25		0.30	
Total Fiber Mass Collected (g)	0.55			

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6.1 Concentration

The C-Series testing varied the concentration of the debris for tests C1 through C5. These tests modeled a low concentration of fiber in the BWROG suppression pools to a high concentration that is expected to exceed the limiting bypass fiber quantity. The limiting bypass fiber bed thickness was shown to be under 3/4 inch so the upper concentration test, C5, was not adjusted. Test C1 had the largest quantity of fiber bypass. Figure 6-3 shows the results of the accumulated fiber bypassed for the C-Series tests.

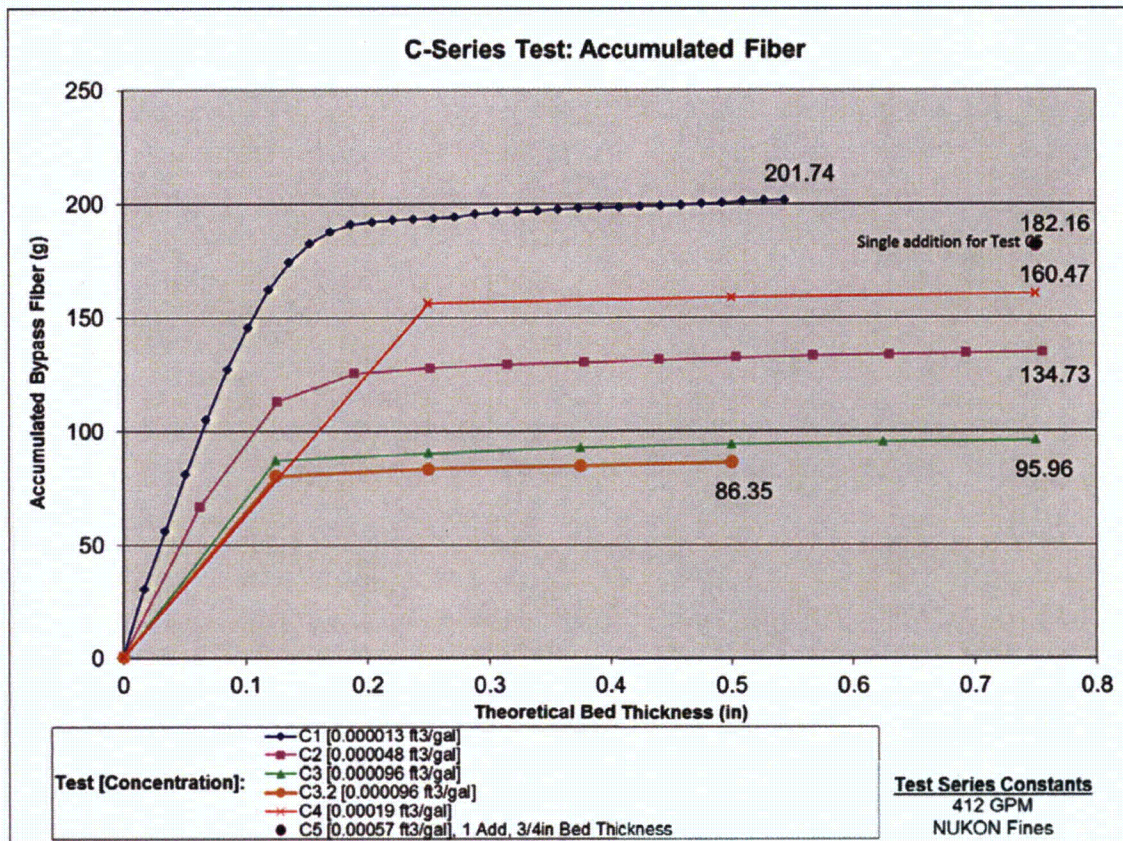



Figure 6-3 – C-Series Test Data

Upon the initial review of the concentration test results, it was observed that the intermediate concentration test (C3) yielded the lowest bypass quantity. The debris additions used for test C3 each contributed a theoretical bed thickness of 1/8", with a total quantity yielding the maximum 3/4" thickness. To verify the results, a repeat of Test C3 (Test C3.2) was performed after the complete disassembly, cleaning and re-assembly processes were performed. All protocols were followed consistently as in

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each of the tests performed throughout the test program. The results of the two equivalent tests are as follows:

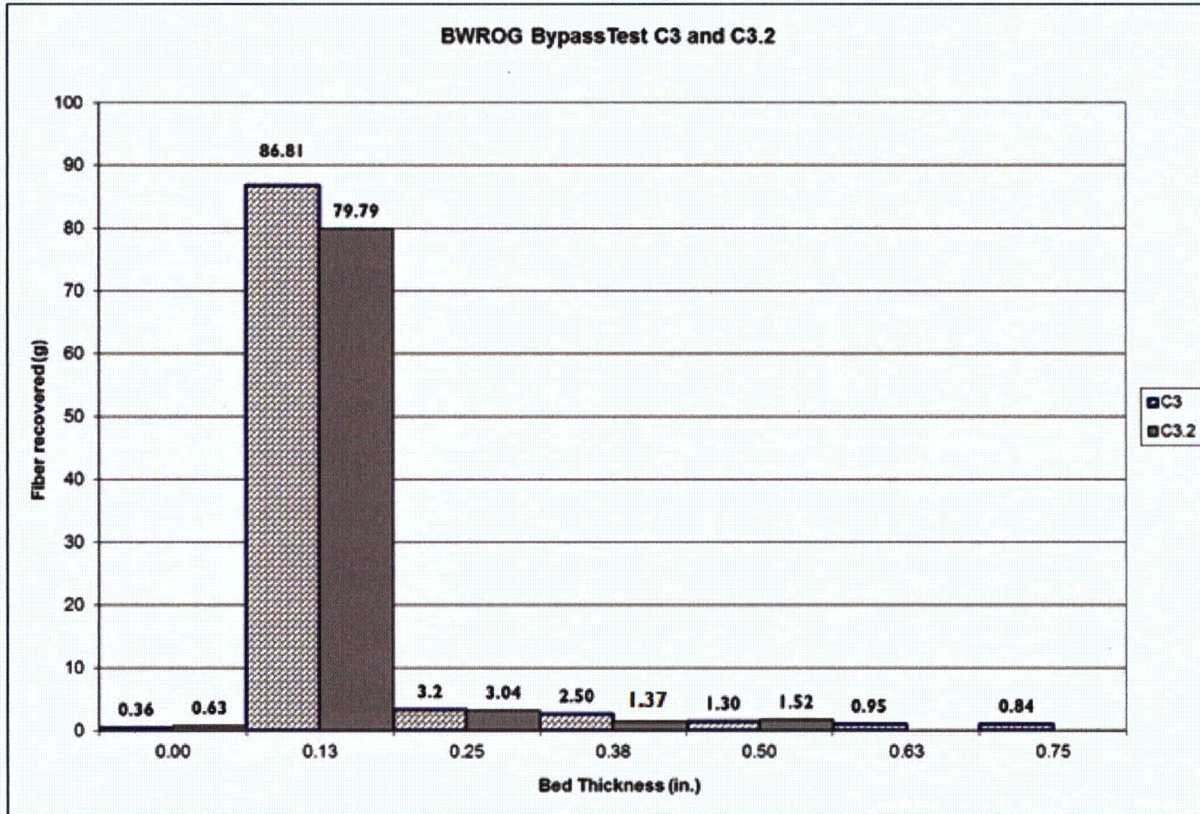



Figure 6-4 – C3 & C3.2 Test Data Comparison

From these results, it may be considered that an optimal concentration of fiber around the strainer could exist such that the fiber bed is forming at a rate that minimizes bypass through the strainer. Extremely low concentrations of fiber may allow bypass of fines to gradually pass through the strainer perforations over an extended period of time, resulting in greater bypass, as the gradual establishment of a fiber bed occurs. Conversely, an extremely high concentration of fiber could result in greater bypass with a large initial quantity passing through the screen immediately before fiber begins to fill in the screen perforations.

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6.2 Debris Type

The D-Series test varied the debris to cover a range of plant debris types. The volumetric concentrations were kept constant however; the mass concentrations varied due to the different densities of the different fiber types. These test conditions illustrate how a range of insulation types may affect bypass quantity through the strainer. The debris type used in test D1 was Temp-Mat and Rockwool was used in test D2. Tests D1 and D2 are compared to test C3, which had the same test parameters utilizing NUKON (See Figure 6-5).

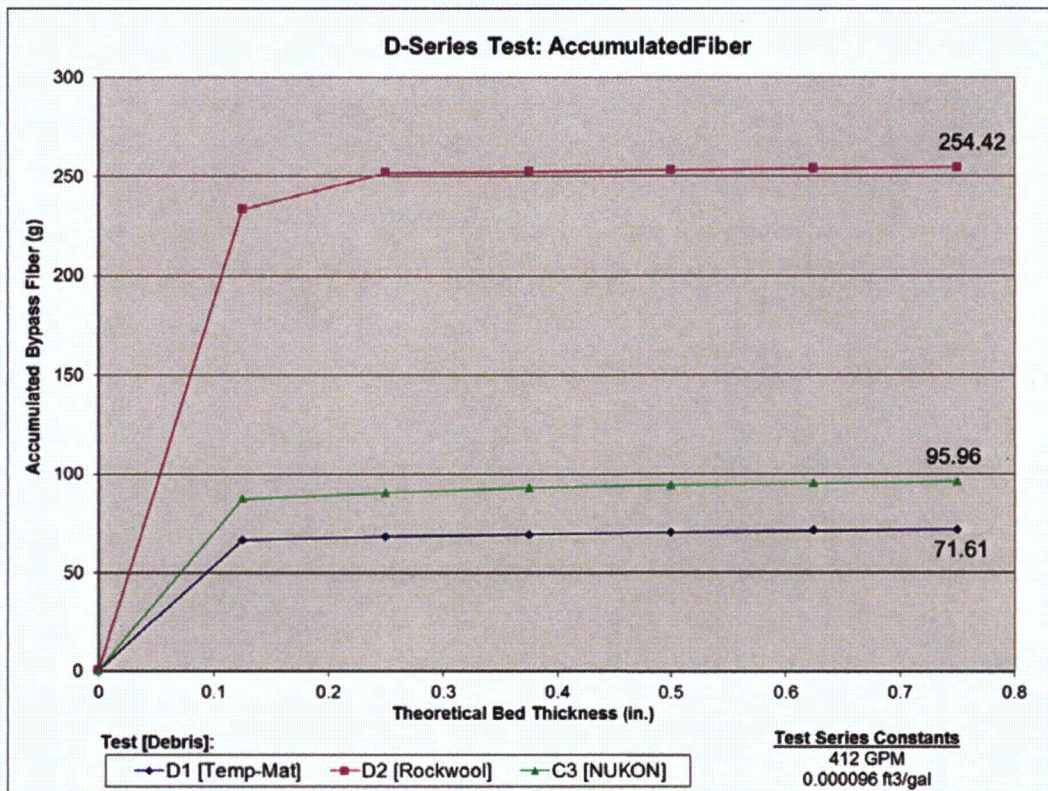



Figure 6-5 – D-Series Test Data

It should be noted that the Rockwool used in Test D2 was very brittle in nature and was observed to break down into the smallest class of fines with even light agitation. For this reason, the final agitation process typically performed in accordance with the Alion debris preparation procedure (Ref. 4) was eliminated for Rockwool. This final step is performed on small fiber pieces in order to reduce them into the desired Class 1-3 fines. The brittle nature of the Rockwool used resulted in Class 1-3 fines after only shredding and boiling. It is postulated that the additional agitation provided by the sparging system

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may have broken down the Rockwool further, into the smallest fines, thereby contributing to additional bypass. It may be desirable to collect additional information regarding plant specific Rockwool attributes to verify that the test material is prototypical with all examples of installed Rockwool.

6.3 Flow Rate

The F-Series test varied the flow rate to cover a range of plant approach velocities. The concentration was kept constant at 0.000096 ft³/gal (0.7817 g/ft³) and only NUKON was used for the F-Series testing. The flow rates tested encompass the range of plant specific approach velocities from the plant survey data (See Appendix 2). Tests F1 and F2 are compared to test C3, which had the same parameters but the flow rate was an intermediate at 412 gpm. Figure 6-6 suggests that flows yielding higher approach velocities result in greater bypass quantities.

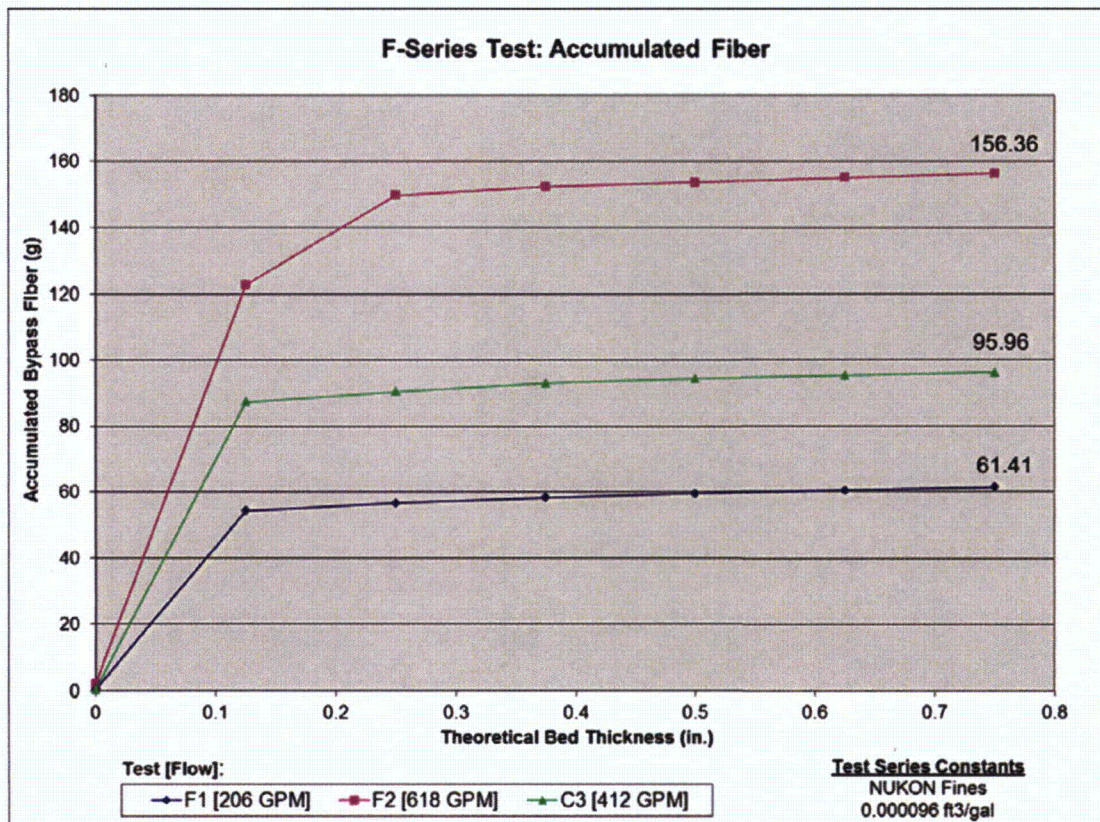



Figure 6-6 – F-Series Test Data

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The following graph is provided as an illustration of the potential influence of approach velocity on bypass quantity:

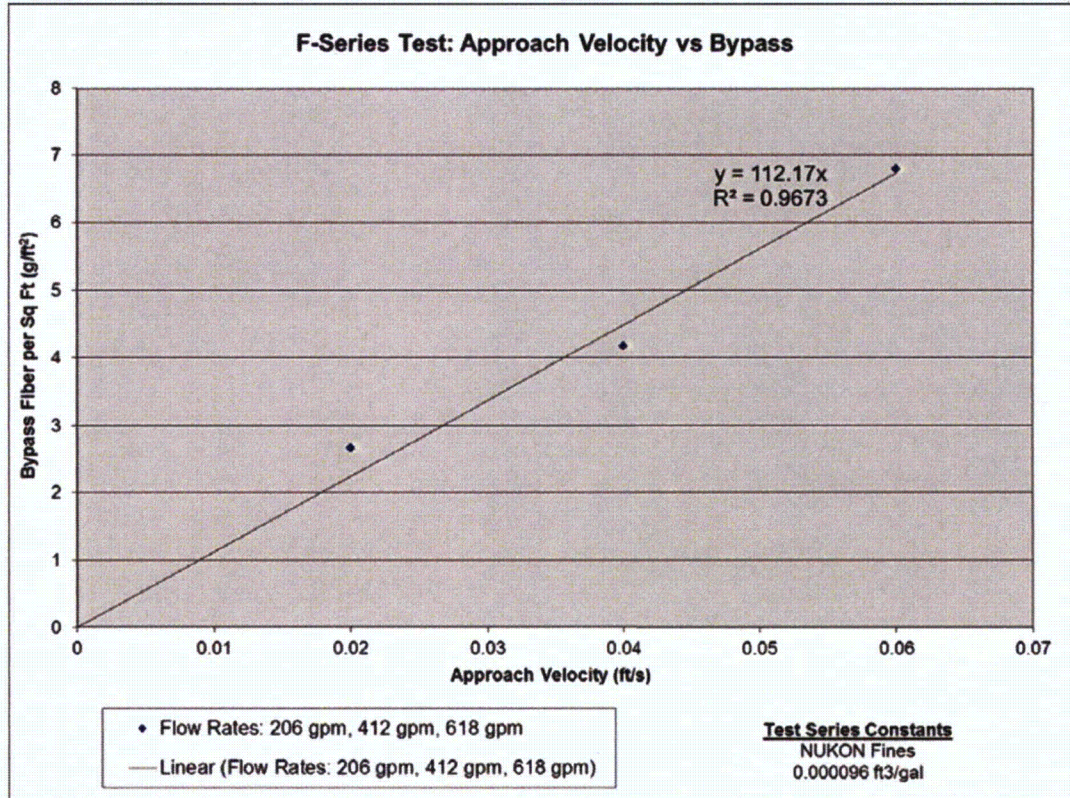



Figure 6-7 – Approach Velocity vs. Fiber Bypass

6.4 Strainer Design

The S-Series test used two additional strainer designs, the PCI Stacked Disk and Enercon strainer with a 3/32" hole perforation size instead of the GEH strainer [Ref.28]. The concentration and debris type were kept constant at 0.000096 ft³/gal (0.7817 g/ft³) and NUKON fines respectively. However, the approach velocity differed due to a smaller strainer surface area for the PCI design. Therefore, test S1 is compared to test C3 while test S2 is compared to test F1 due to the lower approach velocity (See Figure 6-8). It is also worth noting that the PCI stacked disk strainer for F1 has a surface area of 23 ft² while the Enercon strainer for test S2 has a surface area of 31.1 ft².

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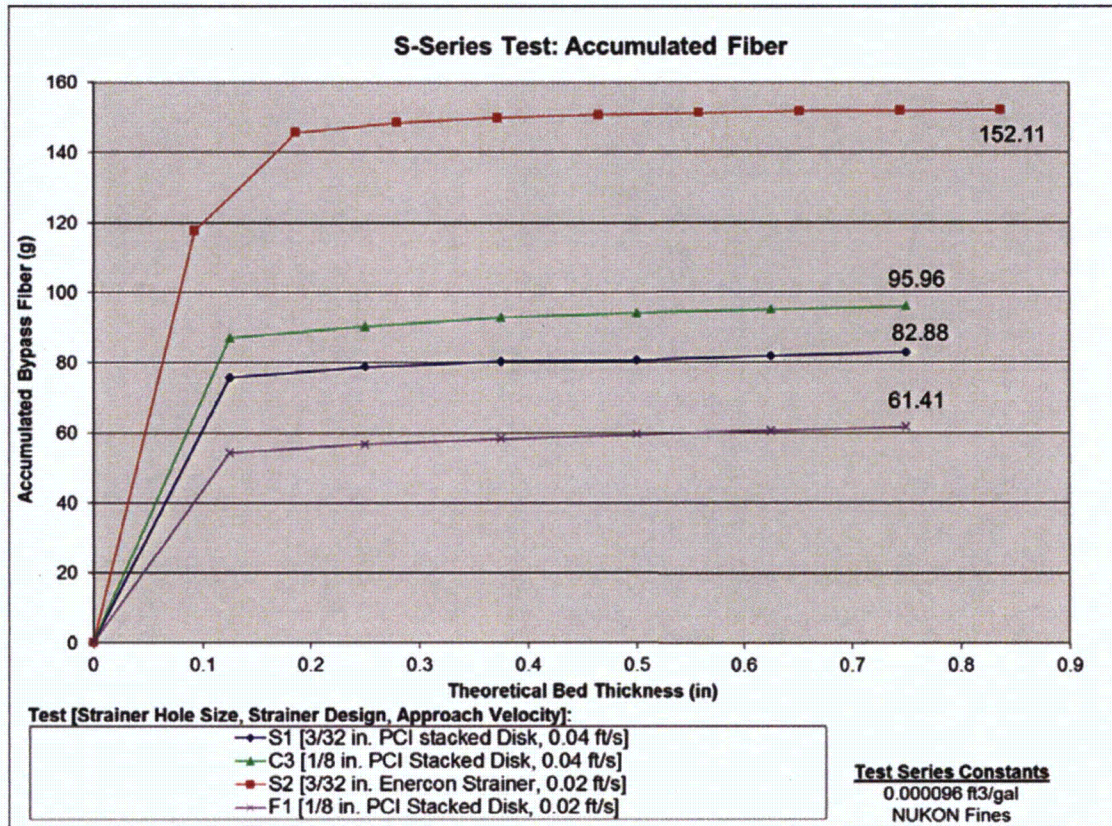



Figure 6-8 – S-Series Test Data

It can be seen that the larger strainer perforations yielded a higher bypass quantity and the larger surface area of the Enercon strainer yielded higher bypass.

6.5 Summary


The BWROG ECCS fiber bypass testing program was structured to determine the impact of various power plant variables. These variables include approach velocities, strainer designs, debris types, and concentration of debris within the suppression pool. By testing each variable individually, the effect of each was illustrated. The results from the tests can be summarized as follows: (All graphs and calculations were verified by an independent review and a hand calculator)

- Concentration testing results showed that a possible optimal concentration of fiber around the strainer could exist such that the fiber bed is forming at a rate that minimizes bypass through the strainer. Very low and very high fiber concentrations resulted in the highest concentrations of bypass. Bypass was the lowest with batch additions that represented a pool concentration of

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0.000096 ft³/gal or 0.7817 g/ft³. A verification test was performed at this concentration and the results were confirmed within 8%. The full range of bypass quantity for the all the concentrations tested was 3.75 grams/ft² (strainer surface area) to 8.77 grams/ft².


- The results of the debris testing illustrate that characteristically smaller debris yields more fiber bypass. This is evident in rock wool having the most bypass and also smallest characteristic fiber diameter at 5 to 7 μm with a particulate component, NUKON having slightly more bypass than Temp-Mat which have characteristic fiber diameters of 7 μm and 9 μm respectively and no particulate components [Ref. 27].
- It should be noted that the full range of NUKON bypass was 2.67 grams/ft² – 8.77 grams/ft² regardless of what conditions were tested. Also, the bypass test performed with Temp-Mat yielded 3.11 grams/ft² vs. 4.17 grams/ft² for tests performed with NUKON under identical conditions. The equivalent test performed with Rockwool yielded 11.06 grams/ft² due to the brittle nature of the material, which yielded the smallest classification of fines.
- Flow rate testing suggests that flows yielding higher approach velocities result in greater bypass quantities that range from 2.67 g/ft² (test F1, 0.02 ft/s) to 6.80 g/ft² (test F2, 0.06 ft/s).
- Strainer testing for the PCI stacked disk design has shown that larger strainer perforations yield higher bypass quantities. The PCI stacked disc design with 3/32" perforated screen yielded 3.60 grams/ft², while the 1/8" perforations yielded 4.17 grams/ft². An alternate strainer design provided by Enercon with a 3/32" perforate screen yielded 4.89 grams/ft².

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17. ALION-SPP-BWROG-7337-0C2, Rev. 0 – Bypass Test C2 Procedure
18. ALION-SPP-BWROG-7337-0C3, Rev. 0 – Bypass Test C3 Procedure
19. ALION-SPP-BWROG-7337-0C4, Rev. 0 – Bypass Test C4 Procedure
20. ALION-SPP-BWROG-7337-0C5, Rev. 0 – Bypass Test C5 Procedure

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21. ALION-SPP-BWROG-7337-0D1, Rev. 0 – Bypass Test D1 Procedure
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23. ALION-SPP-BWROG-7337-0F1, Rev. 0 – Bypass Test F1 Procedure
24. ALION-SPP-BWROG-7337-0F2, Rev. 0 – Bypass Test F2 Procedure
25. ALION-SPP-BWROG-7337-0S1, Rev. 0 – Bypass Test S1 Procedure
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29. Email Approval chain from BWROG project manager Robert Whelan

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APPENDIX I – SCALING RATIO METHODOLOGY

The initial test series (C1-C5) varied the concentration of fiber in the test tank based on the volume ratios of fiber (ft³) in the plant suppression pools to the associated suppression pool volume (gal). Since the test tank in the Alion laboratory operates with a nominal volume of 2500 gallons, this value was used to determine the individual batch quantities to be added to the test tank. As the test batches were measured by mass, the required volume will be converted based on the as fabricated density of the debris utilized:


$$Test\ Batch\ Quantity[lb] = \frac{V_{plant\ fiber}[ft^3]}{V_{plant\ pool}[gal]} \times 2500\ gal \times \rho_{debris} \left[\frac{lb}{ft^3} \right]$$

To allow comparison between tests, the theoretical bed thickness on the strainer was determined based upon the quantity of fiber added to the tank. Although the actual bed thickness was reduced by the amount of fiber that bypasses the strainer, this parameter is useful for comparing results between tests based on the amount of fiber added. The bed thickness is defined as the volume of debris at the as-fabricated density divided by the strainer surface area:

$$Bed\ Thickness[in.] = \frac{V_{debris}[ft^3]}{A_{strainer}[ft^2]} \times 12 \left[\frac{in.}{ft} \right]$$

The plant flow rates were scaled to the prototypes based on equivalent theoretical approach velocities. Approach velocity is defined as the volumetric flow rate divided by the screen area:

$$Approach\ Velocity[ft/s] = \frac{Q[gpm]}{A_{strainer}[ft^2]} \div 448.8 \left[\frac{gpm}{ft^3/s} \right]$$


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APPENDIX 2
Plant Survey Data [Ref 15]

Plant	System	Strainer Vender	Perf Hole Size (in.)	Debris Type	Debris (ft ³)	Pool Volume (gal)	Debris Conc. (ft ³ /gal)	Flow (gpm)	Strainer Area (ft ²)	MAX Approach Velocity (ft/s)	Bed Thickness (in.)
NPP 1	BWR/4-Mark II	ABB	1/16	Nukon	197	914,000	0.0002155	RHR 11,000 CS 3,950	RHR 906.4 CS 190.8	RHR 0.0271 CS 0.05	RHR 2.61 CS 12.4
NPP 2	BWR/4-Mark II	ABB	1/16	Nukon	377	914,000	0.0004125	RHR 11,000 CS 3,950	RHR 906.4 CS 190.82	RHR 0.0271 CS 0.05	RHR 4.99 CS 23.8
NPP 3	BWR-Mark I	ABB CE	1/8	Nukon, Fiberglass	1462	919,356	0.00159	RHR 10,900 CS 4,500	RHR 620.16 CS 244.8	RHR 0.0392 CS 0.041	RHR 28.3 CS 71.7
NPP 4	BWR-Mark I	ABB CE	1/8	Nukon, Fiberglass	2070	919,356	0.00225	RHR 10,900 CS 4,500	RHR 620.16 CS 244.8	RHR 0.0392 CS 0.041	RHR 40.50 CS 101.5
NPP 5	BWR/6-Mark III	Enercon	3/32	Nukon	8	1,091,606	0.0000073	RHR 6,060 CS 6,450	RHR 2,407 CS 2,407	RHR 0.0056 CS 0.0059	RHR 0.04 CS 0.04
NPP 6	BWR/6-Mark III	Enercon	3/32	Nukon	906	852,435	0.0010628	RHR 17,040 CS 7,800	RHR 2,165.4	0.0175	5.02
NPP 7	BWR/6-Mark III	Enercon/ Transco	3/32	Thermal Wrap	350	990,462	0.0003534	RHR 7,450 CS 7,115	RHR 2,418 CS 2,418	RHR 0.0069 CS 0.0066	RHR 1.74 CS 1.74
NPP 8	BWR/4-Mark I	GE	1/8	asbestos cloth, rockwool, fiberglass, Cal Sil	11.76	919,822	0.0000128	RHR 10,500 CS 4,125	RHR 298 CS 596	RHR 0.0786 CS 0.015	RHR 0.47 CS 0.24
NPP 9	BWR/4-Mark I	GE	1/8	asbestos cloth, rockwool, fiberglass, Cal Sil	11.76	919,822	0.0000128	RHR 10,500 CS 4,125	RHR 298 CS 596	RHR 0.0786 CS 0.015	RHR 0.47 CS 0.24
NPP 10	BWR/4-Mark I	GE	1/8	asbestos cloth, rockwool, fiberglass, Cal Sil	11.76	919,822	0.0000128	RHR 10,500 CS 4,125	RHR 298 CS 596	RHR 0.0786 CS 0.015	RHR 0.47 CS 0.24
NPP 11	BWR/4-Mark I	GE	1/8	Thermal Wrap	23	655,668	0.0000351	RHR 9,240 CS 6,525	RHR 424 CS 250	RHR 0.0486 CS 0.058	RHR 0.65 CS 1.10
NPP 12	BWR/4-Mark I	GE	1/8	Nukon	150	440,603	0.0003404	RHR 6,500 CS 4,500	RHR 387.51 CS 290.58	RHR 0.0374 CS 0.034	RHR 4.65 CS 6.19
NPP 13	BWR/4-Mark I	GE	1/8	Nukon	25	905,678	0.0000276	RHR 15,300 CS 7,900	RHR 387 CS 387	RHR 0.0882 CS 0.045	RHR 0.78 CS 0.78
NPP 14	BWR/6-Mark III	GE	3/32	fiberglass, Nukon	1800	1,010,869	0.0017806	RHR 6,060 CS 6,400	RHR 606 CS 606	RHR 0.0223 CS 0.0235	RHR 35.64 CS 35.64
NPP 15	BWR/4-Mark I	PCI	3/32	Tempmat, Nukon, Cal-Sil	274.9	646,691	0.00042509	10,500	256.76	0.091	12.85
NPP 16	BWR/4-Mark I	PCI	3/32	Tempmat, Nukon, Cal-Sil	296	646,691	0.00045771	3,350	122.46	0.061	29.01

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Plant	System	Strainer Vender	Perf Hole Size (in.)	Debris Type	Debris (ft ³)	Pool Volume (gal)	Debris Conc. (ft ³ /gal)	Flow (gpm)	Strainer Area (ft ²)	MAX Approach Velocity (ft/s)	Bed Thickness (in.)
NPP 17	BWR/4-Mark I	PCI	3/32	Tempmat, Nukon, Cal-Sil	274.9	646,691	0.00042509	10,500	256.76	0.091	12.85
NPP 18	BWR/4-Mark I	PCI	3/32	Tempmat, Nukon, Cal-Sil	296	646,691	0.00045771	3,350	122.46	0.061	29.01
NPP 19	BWR/5-Mark II	PCI	3/32	Tempmat	58	839,295	0.0000691	8,000	197	0.0906	3.53
NPP 20	BWR/4-Mark I	PCI	3/32	Nukon, Tempmat, fiberglass, Thermal Wrap	794	796,241	0.000997	RHR 10,500 CS 6,800	RHR 1128 CS 336	RHR 0.0208 CS 0.045	RHR 8.45 CS 28.36
NPP 21	BWR/4-Mark I	PCI	1/8	Nukon	425	882,700	0.0004815	RHR 12,500 CS 8,400	RHR 667.5 CS 269.2	RHR 0.042 CS 0.070	RHR 7.64 CS 18.94
NPP 22	BWR/3-Mark I	PCI	1/8	Nukon	700	442,995	0.0015802	RHR 4,347 CS 4,285	RHR 1,225 CS 1,225	RHR 0.0079 CS 0.0078	RHR 6.86 CS 6.86
NPP 23	BWR/3-Mark I	PCI	1/8	Nukon	263.6	628,000	0.0004197	RHR 5,600 CS 4,950	RHR 670 CS 670	RHR 0.0186 CS 0.0164	RHR 4.72 CS 4.72
NPP 24	BWR/3-Mark I	PCI	1/8	Nukon	73.16	834,078	0.0000877	RHR 5,137 CS 6,222	207	0.067	4.24
NPP 25	BWR/3-Mark I	PCI	1/8	Nukon	73.16	834,078	0.0000877	RHR 5,137 CS 6,222	207	0.067	4.24
NPP 26	BWR/4-Mark I	PCI	1/8	Nukon, Fibermat	857	508,674	0.0016848	RHR 8,990 CS 4,830	RHR 810 CS 434	RHR 0.0248 CS 0.0248	RHR 12.70 CS 23.70
NPP 27	BWR/3-Mark I	PCI Sure-Flow	1/8	Nukon	18.4	869,985	0.0000211	RHR 6,000 CS 6,200	RHR 118 CS 118	RHR 0.1134 CS 0.1170	RHR 1.87 CS 1.87
NPP 28	BWR/3-Mark I	PCI Sure-Flow	1/8	Nukon	18.4	869,985	0.0000211	RHR 6,000 CS 6,200	RHR 118 CS 118	RHR 0.1134 CS 0.1170	RHR 1.87 CS 1.87
NPP 29	BWR/2-Mark I	PCI	1/8	Tempmat, Nukon, Lead Blanket Covers	58.5	598,440	0.00009775	3,725	240	0.0346	5.74
No Fibers											
NPP 30	BWR/4-Mark I	GE	1/8								
NPP 31	BWR/4-Mark I	GE	1/8								
NPP 32	BWR/5-Mark II	PCI	3/32	n/a	0	963,350	0.0000000	8,100	100	0.1806	0.00
NPP 33	BWR/5-Mark II	PCI	3/32	n/a	0	963,350	0.0000000	8,100	100	0.1806	0.00
NPP 34	GE-BWR/4; Wet, Mark II	GE	1/8	Nukon	1.9	915,627	0.0000021	13,800	204	0.1509	0.112

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Plant	System	Strainer Vender	Perf Hole Size (in.)	Debris Type	Debris (ft ³)	Pool Volume (gal)	Debris Conc. (ft ³ /gal)	Flow (gpm)	Strainer Area (ft ²)	MAX Approach Velocity (ft/s)	Bed Thickness (in.)
NPP 35	GE-BWR/4; Wet, Mark II	GE	1/8	Nukon	1.6	915,627	0.0000017	13,800	204	0.1509	0.094
Atypicals											
NPP 36	BWR/2-Mark I	GE	1/8	Nukon	242	613,313	0.0003946	4,400			
NPP 37	BWR/6-Mark III	CCI	0.082	Nukon	200	850,909	0.0002350	5,940	400	0.0331	6.0
NPP 38	BWR/3-Mark I	CCI	0.082	Nukon, Kwool	88.75	447,474	0.0001983	13,525	689.68	0.171	2.1994
NPP 39	BWR/5-Mark II	GE	3/32	Tempmat, Min-K	6.3	1,122,078	0.00000561	8,200	49.41	0.3701	1.53

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ATTACHMENT A

Test CI Test Logs

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	Bypass Test C1 Procedure		
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ATTACHMENT A – TEST LOG

Date: 2011 Dec 22 Test Number: C1
 Description of Debris Test: Debris concentration of 0.000096 ft³ NUKON FINES/gal water: PCI strainer with 1/8" hole size: 412 gpm (0.04 ft/s approach velocity)

Debris Types and Quantities: Batch quantity: 0.08 lbm of NUKON FINES (12/14/2011 - Nukon Fines - C1.1)
(12/14/2011 - Nukon Fines - C1.2) (12/14/2011 - Nukon Fines - C1.3)


Time	Flow	Temp.	Screen dp	Filter dp	Water Level	Filter & Locations	Comments
hh:mm	gpm	°F	ft-H ₂ O	psid	inches	I.D. #s	
06:17	383	72.5	0.18	1.50	65		Start 100% C.C. & Flow.
06:22	417	71.5	0.21	1.73	65		Flow A Complete
06:23	415	71.7	0.21	1.74	65		Start pump
06:44		71.40				F1-C1201; F2-C1202; F3-C1203; F4-C1204	Start pump, Flow Adjustment
06:53	413	67.8	0.22	3.96	65		Sample Start of C1
07:24	414	68.9	0.22	4.15	65		
07:24	418	68.2	0.23	4.14	65		Sample
07:27	425	68.1	0.23	4.17	65		Add C1.1 begin, S.E. corner
07:28	425	68.2	0.23	4.15	65		Add Complete.
07:29	432	68.2	0.23	4.16	65		Trotting under c/s
09:57	413	68.3	0.21	3.95	65	F1-C1205; F2-C1206	
08:00	420	68.4	0.22	4.02	65		Pictures
08:00	420	68.4	0.22	4.02	65		End of C1.1
08:00	428	68.4	0.22	4.02	65		Sample
08:02	420	68.4	0.22	4.02	65		Adding C1.2 N.E. corner
08:03	418	68.4	0.21	4.01	65		Add complete.
08:23	423	68.7	0.22	4.11	65	F3-C1207; F4-C1208	
08:34	421	68.8	0.21	4.23	65		starting to see coverage on the plate closest to the suction. Pictures
08:38	424	68.8	0.22	4.21	65		End of C1.2
08:39	422	68.9	0.21	4.09	65		Sample.
08:40	420	68.9	0.21	4.15	65		Ending C1.3; S.E. corner
							Adding Adding Complete 12/14/2011


Test Engineer: Terrance Clark 1
 Print Signature

Test Coordinator: J. Posner 1
 Print Signature

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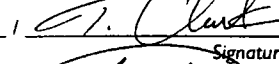
	Bypass Test C1 Procedure		
	Document No: ALION-SPP-BWROG-7337-0C1	Revision: 0	Page: A1 of A1


ATTACHMENT A – TEST LOG

Date: 2011 Dec 22 Test Number: C1
 Description of Debris Test: Debris concentration of 0.000096 ft³ NUKON FINES/gal water; PCI strainer with 1/8" hole size; 412 gpm (0.04 ft/s approach velocity)


Debris Types and Quantities: Batch quantity: 0.08 lbm of NUKON FINES (0.216/2411 - Nukon Fines - C1.4) (1.214/2411 - Nukon Fines - C1.5); (1.214/2411 - NUKON FINES - C1.6); (0.216/2411 - Nukon Fines - C1.7)


Time hh:mm	Flow gpm	Temp. °F	Screen dp ft-H ₂ O	Filter dp psid	Water Level inches	Filter & Locations I.D. #s	Comments
						F1-C1209; F2-C1210	
09:11	421	69.2	0.21	4.33	65		End of C1.3
09:12	422	69.2	0.22	4.12	65		Sample
09:14	420	69.2	0.22	4.12	65		Adding C1.4 N.E. corner
09:15	428	69.2	0.21	4.13	65		Add complete.
						F2-C1211; F4-C1212	
09:49	420	69.5	0.21	4.20	65		End of C1.4
09:50	426	69.5	0.21	4.20	65		Sample C
09:51	430	69.5	0.21	4.20	65		Adding C1.5 S.E. corner
09:53	427	69.6	0.22	4.25	65		Add complete.
		69.9				F1-C1213; F2-C1214	
10:25	412	69.9	0.22	4.17	65		End of C1.5
10:25	416	69.9	0.22	4.08	65 1/2		Sample
10:28	419	69.9	0.21	4.19	65 1/2		Adding C1.6 N.E. corner
10:29	422	69.9	0.21	4.10	65 1/2		Add Complete
						F3-C1215; F4-C1216	
11:01	415	70.3	0.22	4.18	65 1/4		End of C1.6
11:02	415	70.3	0.21	4.10	65 1/4		Sample C
11:03	425	70.3	0.22	4.35	65 1/4		Adding C1.7 S.E. corner
11:04	405	70.3	0.20	4.08	65 1/4		Add Complete
						F1-C1217; F2-C1218	
11:15	409	70.4	0.21	4.05	65 1/4		Starting to see debris on the edge of the strainer closest to the side suction. P. 1.012

Test Engineer: Torrance Clark 
 Print Signature

Test Coordinator: J. Posica 
 Print Signature

BWROG Report – GEH Class I

	BWROG ECCS Strainer Bypass Test Report		
	Document No: BWROG-ECCS-TA13-004	Revision: I	Page: A-4 of A-9


	Bypass Test C1 Procedure		
	Document No: ALION-SPP-BWROG-7337-0C1	Revision: 0	Page: A1 of A1

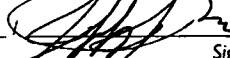
ATTACHMENT A – TEST LOG

Date: 2011 Dec 22 Test Number: C1
 Description of Debris Test: Debris concentration of 0.000096 ft³ NUKON FINES/gal water; PC1 strainer with 1/8" hole size; 412 gpm (0.04 ft/s approach velocity)

Debris Types and Quantities: Batch quantity: 0.08 lbm of NUKON FINES C12/16/2011 - NUKON FINES - C1.8
(12/16/2011 - NUKON FINES - C1.9); C14/16/2011 - NUKON FINES - C1.10; (12/16/2011 - NUKON FINES - C1.11)
(11/4/2011 - NUKON FINES - C1.12) 06/12/2011


Time	Flow	Temp.	Screen dp	Filter dp	Water Level	Filter & Locations	Comments
hh:mm	gpm	°F	R-H ₂ O	psid	inches	I.D. #s	
11:36	422	70.6	0.22	4.08	65 1/4		End of C1.7
11:37	418	70.6	0.23	4.16	65 1/4		Sample + Add C1.8 N.E. corner
11:38	419	70.6	0.22	4.30	65 1/4		Add complete.
12:10	422	71.0	0.22	4.18	65 1/4	F3-C1219; F4-C1214	End of C1.8
12:11	427	70.9	0.23	4.36	65 1/4		Sample + Add C1.9 S.E. corner
12:13	409	71.0	0.22	4.04	65 1/4		Add complete
						F1-C1221; F2-C1222	
12:45	412	71.2	0.23	3.81	65 1/4		end of C1.9
12:46	423	71.2	0.24	4.11	65 1/4		sampling + add C1.10 N.E. corner
12:47	424	71.3	0.24	4.11	65 1/4		end of add
						F3-C1223; F4-C1224	
13:13	416	71.5	0.25	4.04	65 1/4		The edges of the lost two disk have debris while the one furthest away from the suction do not show signs of debris on the edge. Pictures
13:19	424	71.6	0.25	4.05	65 1/4		End of C1.10
13:20	415	71.6	0.24	3.97	65 1/4		Sample + Adding C1.11 S.E. corner
13:22	414	71.6	0.23	3.92	65 1/4		End of Add C1.11
						F1-C1225; F2-1226	
13:54	429	71.9	0.25	4.09	65 1/4		End of C1.11
13:55	421	71.9	0.25	4.16	65 1/4		Add C1.12 + Sample C1.12 N.E. corner
13:57	424	71.9	0.25	4.07	65 1/4		Add complete.
14:29	405	72.2	0.25	4.01	65 1/4	F3-C1227; F4-C1228	End of C1.12


Test Engineer: Terrance Clark 
 Print Signature

Test Coordinator: J. Poska 
 Print Signature

Test Log Page 3 of 8

BWROG Report – GEH Class I

	BWROG ECCS Strainer Bypass Test Report		
	Document No: BWROG-ECCS-TA13-004	Revision: I	Page: A-5 of A-9

	Bypass Test CI Procedure		
	Document No: ALION-SPP-BWROG-7337-0CI	Revision: 0	Page: A1 of A1

ATTACHMENT A – TEST LOG

Date: 12/22/11 Test Number: CI
 Description of Debris Test: Debris concentration of 0.000096 ft³ NUKON FINES/gal water; PCI strainer with 1/8" hole size; 412 gpm (0.04 ft/s approach velocity)

Debris Types and Quantities: Batch quantity: 0.08 lbm of NUKON FINES (12/16/2011 - NUKON FINES - CI.13)
 12/16/2011 - NUKON FINES - CI.14 12/16/2011 - NUKON FINES - CI.15
 12/16/2011 - NUKON FINES - CI.16 12/16/2011 - NUKON FINES - CI.17


Time	Flow	Temp.	Screen dp	Filter dp	Water Level	Filter & Locations	Comments
hh:mm	gpm	°F	ft-H ₂ O	psid	inches	I.D. #s	
14:27	415	72.2	0.25	4.13	65 1/4		Sample + Add CI.13 S.E. corner
							TC 12/22/11
14:31	422	72.2	0.27	4.33	65 1/4		Add Complete
							F1-C1229; F2-C1230
15:03	428	72.5	0.27	4.19			End of CI.13
15:04	418	72.5	0.27	4.08	65 1/4		Sample: Complete screen coverage.
15:05	421	72.5	0.26	4.11	65 1/4		Adding CI.14 to N.E. Corner
15:06	422	72.5	0.27	4.390	65 1/4		End of CI.14 Add.
			22.8 FB in hand				F3-C1231; F4-C1232
15:38	425	72.8	0.27	4.20	65 1/4		End of CI.14
15:39	419	72.8	0.27	4.20	65 1/4		Sample:
15:40	421	72.8	0.26	4.04	65 1/4		Adding CI.15
15:42	416	72.8	0.27	4.19	65 1/4		Add Complete
							F1-C1233; F2-C1234
16:14	414	73.1	0.27	4.34	65 1/4		End of CI.15
16:15	423	73.1	0.27	4.08	65 1/4		Sample
16:16	422	73.1	0.28	4.12	65 1/4		Adding CI.16
16:17	428	73.1	0.28	4.25	65 1/2		Add Complete
							F3-C1235; F4-C1236
16:29	413	73.4	0.28	3.98	65 1/2		End of CI.16
16:50	424	73.4	0.28	4.00	65 1/2		Sample
16:51	418	73.3	0.28	4.13	65 1/2		Adding CI.17
16:52	425	73.4	0.29	4.06	65 1/2		Add Complete
							F1-C1237; F2-C1238


Test Engineer: Frank Brank Print [Signature] Signature

Test Coordinator: J. Poska Print [Signature] Signature

Test Log Page 4 of 8

BWROG Report – GEH Class I

	BWROG ECCS Strainer Bypass Test Report		
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	Bypass Test CI Procedure		
	Document No: ALION-SPP-BWROG-7337-0C1	Revision: 0	Page: A1 of A1

ATTACHMENT A – TEST LOG

Date: 12/22/11 Test Number: CI
 Description of Debris Test: Debris concentration of 0.000096 ft³ NUKON FINES/gal water; PCI strainer with 1/8" hole size; 412 gpm (0.04 ft/s approach velocity)

Debris Types and Quantities: Batch quantity: 0.08 lbm of NUKON FINES
12/16/2011 - NUKON Fines - C1.18 12/16/2011 - NUKON Fines - C1.19
12/16/2011 - NUKON Fines - C1.20 12/16/2011 - NUKON Fines - C1.21


Time	Flow	Temp.	Screen dp	Filter dp	Water Level	Filter & Locations	Comments
hh:mm	gpm	°F	ft-H ₂ O	psid	inches	I.D. #s	
17:24	414	73.6	0.28	4.00	6 5/2		End of C1.17
17:27	416	73.6	0.27	3.90	6 5/2		Sample: Adding C1.18
17:30	419	73.6	0.28	4.08	6 5/2		End of Add
							B-C1239; F4-C1240
During the valve change the increased valve was shut resulting in a instant of no flow path. The error was immediately corrected and flow and head loss returned to normal. The flow for an instant or so dropped to 200 gpm and head loss dropped about 0.15 ft H ₂ O. Also the debris bed changed in one spot where it opened up an area approximately 6 in. x 2 in.							
18:46	411	74.3	0.28	3.79	6 5/2		End of C1.18
18:49	421	74.3	0.29	4.36	6 5/2		Sample
18:50	420	74.3	0.30	4.25	6 5/2		Adding C1.19
							F1-C1241; F2-C1242
19:22	428	74.6	0.30	4.17	6 5/2		End of C1.19
19:23	419	74.5	0.29	4.12	6 5/2		Sample
19:24	411	74.6	0.28	3.86	6 5/2		Adding C1.20
19:25	420	74.6	0.29	3.91	6 5/2		Add complete
							F3-C1243; F4-C1244
19:57	413	74.9	0.29	4.04	6 5/2		End of C1.20
19:58	417	74.9	0.29	3.91	6 5/2		Sample
19:59	420	74.9	0.30	4.09	6 5/2		Adding C1.21
20:00	428	74.9	0.29	4.17	6 5		Add complete


Test Engineer: Frank Biank | [Signature]
 Print | Signature

Test Coordinator: J. Poska | [Signature]
 Print | Signature

Test Log Page 5 of 8

BWROG Report – GEH Class I

	BWROG ECCS Strainer Bypass Test Report		
	Document No: BWROG-ECCS-TA13-004	Revision: I	Page: A-7 of A-9

	Bypass Test C1 Procedure		
	Document No: ALION-SPP-BWROG-7337-0C1	Revision: 0	Page: A1 of A1

ATTACHMENT A – TEST LOG

Date: 12/22/11 Test Number: C1
 Description of Debris Test: Debris concentration of 0.000096 ft³ NUKON FINES/gal water; PC1 strainer with 1/8" hole size; 412 gpm (0.04 ft/s approach velocity)

Debris Types and Quantities: Batch quantity: 0.08 lbm of NUKON FINES
12/16/2011 - NUKON Fines - C1.22 12/16/2011 - NUKON Fines - C1.23
12/16/2011 - NUKON Fines - C1.24 12/16/2011 - NUKON Fines - C1.25


Time	Flow	Temp.	Screen dp	Filter dp	Water Level	Filter & Locations	Comments
hh:mm	gpm	°F	ft-H ₂ O	psid	inches	I.D. #s	
						F1-C1245; F2-C1246	
20:32	421	75.2	0.31	4.20	65 1/2		End of C1.21
20:33	418	75.2	0.30	4.15	65 1/2		Sample
20:34	420	75.1	0.30	4.20	65 1/2		Adding C1.22
20:35	422	75.2	0.30	4.02	65 1/2		Add complete
						F3-C1247; F4-C1248	
21:07	415	75.4	0.30	4.02	65 1/2		End of C1.22
21:08	428	75.5	0.31	4.26	65 1/2		Sample
21:09	417	75.5	0.29	4.01	65 1/2		Adding C1.23
21:10	413	75.5	0.29	3.88	65 1/2		Add complete
						F1-C1249; F2-C1250	
21:42	416	75.7	0.31	4.30	65 1/2		End of C1.23
21:42	419	75.7	0.30	4.09	65 1/2		Sample
21:43	424	75.9	0.31	3.99	65 1/2		Adding C1.24
21:44	403	75.6	0.30	3.89	65 1/2		Add complete
						F3-C1251; F4-C1252	
22:20	411	75.9	0.31	4.17	65 1/2		End of C1.24
22:22	425	75.9	0.31	4.18	65 1/2		Sample
22:23	424	75.9	0.32	4.20	65 1/2		Adding C1.25
22:24	423	75.9	0.31	4.10	65 1/2		Add complete
						F1-C1253; F2-C1254	
22:56	418	76.2	0.32	3.99	65 1/2		End of C1.25
22:58	425	76.1	0.32	4.03	65 1/2		TAKE SAMPLE
22:59	420	76.2	0.32	3.99	65 1/2		ADD C1.26


Test Engineer: Frank Bianchi Frank Bianchi
 Print Signature

Test Coordinator: J. POSIKA [Signature]
 Print Signature

Test Log Page 6 of 8

BWROG Report – GEH Class I

	BWROG ECCS Strainer Bypass Test Report		
	Document No: BWROG-ECCS-TA13-004	Revision: I	Page: A-8 of A-9

	Bypass Test CI Procedure		
	Document No: ALION-SPP-BWROG-7337-0C1	Revision: 0	Page: A1 of A1


ATTACHMENT A – TEST LOG

Date: 12/22/11 Test Number: CI
 Description of Debris Test: Debris concentration of 0.000096 ft³ NUKON FINES/gal water: PCI strainer with 1/8" hole size: 412 gpm (0.04 ft/s approach velocity)

Debris Types and Quantities: Batch quantity: 0.08 lbm of NUKON FINES

12/16/2011 - NUKON Fines - C1.26 12/16/2011 - NUKON Fines - C1.27


Time	Flow	Temp.	Screen dp	Filter dp	Water Level	Filter & Locations	Comments
23:00	417	74.2	0.32	3.89	65 1/2		ADD COMPLETE
						F3: C1255 F4: C1256	
23:32	409	76.4	0.32	3.93	65 1/2		END OF C1.26
23:33	422	76.4	0.32	4.13	65 1/2		SAMPLE
23:34	430	76.4	0.32	4.22	65 1/2		Adding C1.27
23:35	420	76.4	0.32	4.11	65 1/2		Add complete
						F1: C1257 F2: C1258	
00:07	414	76.7	0.33	4.16	65 1/2		End of C1.27
00:09	425	76.7	0.31	4.06	65 1/2		SAMPLE
00:11	420	76.7	0.31	4.06	65 1/2		ADD C1.28
00:12	412	76.7	0.32	4.19	65 1/2		ADD COMPLETE
						F3: C1259 F4: C1260	
00:44	423	76.9	0.32	4.04	65 1/2		END OF C1.28
00:46	423	76.9	0.32	4.19	65 1/2		SAMPLE
00:47	420	76.9	0.31	3.87	65 1/2		ADD C1.29
00:48	415	76.9	0.32	3.89	65 1/2		ADD COMPLETE
						F1: C1261 F2: C1262	
1:21	419	77.2	0.33	4.02	65 1/2		END OF C1.29
1:23	415	77.2	0.33	4.03	65 1/2		SAMPLE
1:25	414	77.2	0.33	4.20	65 1/2		ADD C1.30
1:26	421	77.2	0.33	4.13	65 1/2		ADD COMPLETE
						F3: C1263 F4: C1264	
2:00	417	77.4	0.34	4.10	65 1/2		END OF C1.30
2:01	414	77.4	0.33	4.14	65 1/2		SAMPLE

Test Engineer: MATTHEW JURSIK 
 Print Signature

Test Coordinator: J. POSICA 
 Print Signature

Test Log Page 7 of 8


BWROG Report – GEH Class I


	BWROG ECCS Strainer Bypass Test Report		
	Document No: BWROG-ECCS-TA13-004	Revision: I	Page: B-1 of B-6

ATTACHMENT B

Test C2 Test Logs

BWROG Report – GEH Class I


	BWROG ECCS Strainer Bypass Test Report		
	Document No: BWROG-ECCS-TA13-004	Revision: 1	Page: B-2 of B-6

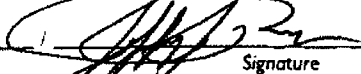
	Bypass Test C2 Procedure		
	Document No: ALION-SPP-BWROG-7337-0C2	Revision: 1	Page: A1 of A1

ATTACHMENT A – TEST LOG

Date: 2011 NOV 17 Test Number: C2
 Description of Debris Test: Debris concentration of 0.000048 ft³ Nukon fines/gal water; PCI strainer with 1/8" hole size; 412 gpm (0.04 ft/s approach velocity)
 Debris Types and Quantities: Batch quantity: 0.29 lbm of Nukon fines 11/14/11 - Nukon Fines - C21

Time	Flow	Temp.	Screen dp	Filter dp	Water Level	Turbidity	Filters installed	Comments
hh:mm	gpm	°F	ft-H ₂ O ✓	psid ✓	inches ^{1/4} ✓	NTU	I.D. #s	
13:17	466	77.2	0.26	2.23	65 3/4	0.0	N/A	Started Labwork
13:18	476	77.2						STOPPING PUMP (REMOVE CLEANING BAGS) RINSE HOUSINGS INSTALL BAGS; → F1: C205 → F2: C206 → F3: C207 → F4: C208
13:43	—	77	—	—	—	—	—	(TOP OFF HOUSINGS)
13:50	410	76.8						STOP 49 START AND ADJUST FLOW
13:54	415	76.9	0.20	4.24	65 3/4	SAMPLE		START C2.0 STOP 50
14:03	411	77.0	0.20	4.21	65 3/4			
14:07	410	77.1	0.20	4.15	65 3/4			Sampling END C2.0
14:10	404	77.1	0.20	4.31	65 3/4			Sanitize Vial
14:33	417	77.0	0.20	4.21	65 3/4			TIME TURB. START
14:36	412	77.0	0.22	4.23	65 3/4			MIX MEAS START
14:38	412	77.0	0.21	4.31	"			ADD 0.29 LB NUKON 3E CANNULA
14:39	405	77.0	0.20	4.04	"			STOP MIX MEAS
14:40	413	77.0	0.20	4.10	"			CHANGE F1/F2 F1: C209 F2: C210


Test Engineer: Terrance Clark 
 Print Signature

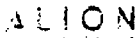
Test Coordinator: J. Poynter 
 Print Signature

Test Log Page 1 of 5

* Debris Added to South East (SE) corner of the tank.

BWROG Report – GEH Class I


	BWROG ECCS Strainer Bypass Test Report		
	Document No: BWROG-ECCS-TA13-004	Revision: I	Page: B-3 of B-6

	Bypass Test C2 Procedure		
Document No: ALION-SPP-BWROG-7337-0C2	Revision: I	Page: A1 of A1	

ATTACHMENT A – TEST LOG

Date: 2011 Nov 17 Test Number: C2
 Description of Debris Test: Debris concentration of 0.000048 ft³ Nukon fines/gal water: PCI strainer with 1/8" hole size: 412 gpm (0.04 ft/s approach velocity)
 Debris Types and Quantities: Batch quantity: 0.29 lbm of Nukon fines 11/14/11 - Nukon Fines - C2.2, 11/14/11 - Nukon Fines - C2.2

Time	Flow	Temp.	Screen dp	Filter dp	Water Level	Turbidity	Filters installed	Comments
hh:mm	gpm	°F	ft-H ₂ O	psid	inches	NTU	I.D. #s	
15:04	413	77.1	0.20	4.21	66			Picture
								The North side of the strainer has clean screen where the south side center have coverage.
15:11	415	77.1	0.20	4.38	66			Spool Turnover complete
15:15	414	77.1	0.20	4.09	11			TURB. SAMPLE TAKEN
15:17	411	77.1	0.20	4.10	11			BEGUN DEBRIS ADD C2.2 * SE CORNER
15:18	407	77.1	0.19	4.34	11			END DEBRIS ADD
15:23	400	77.1	0.19	4.01	11		F2: C211 F4: C212	INSTALL NEW BAGS
15:28	408	77.1	0.20	4.20	11			Pictures
15:48	404	77.2	0.20	4.06	11			Spool Turnover complete Taking sample
15:53	412	77.2	0.21	4.18	11			TAKING TURBIDITY SAMPLE
15:54	412	77.2	0.21	4.12	11			BEGUN DEBRIS ADD * NE CORNER
15:55	400	77.2	0.21	4.12	11			END DEBRIS ADD C2.3
16:03	402	77.2	0.21	4.01	11		F1: C213 F2: C214	INSTALL NEW BAGS
16:08	413	77.3	0.22	4.23	11			There is still some clean screen. Pictures Floor of test tank has no standing piles of Nukon. (Pictures)
16:26	415	77.3	0.23	4.24	11			Spool Turnover complete
16:29	404	77.3	0.22	4.24	11			TAKING TURBIDITY SAMPLE
16:31	412	77.3	0.23	4.14	11			BEGUN DEBRIS ADD * NE CORNER


Test Engineer: Terrance Clark 
 Print Signature


Test Coordinator: J. Poska 
 Print Signature

Test Log Page 2 of 5

* Debris Added to SE corner of tank. * Debris Added to North East (NE) corner of tank.

BWROG Report – GEH Class I

	BWROG ECCS Strainer Bypass Test Report		
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	Bypass Test C2 Procedure		
	Document No: ALION-SPP-BWROG-7337-0C2	Revision: I	Page: A1 of A1

ATTACHMENT A – TEST LOG

Date: 2011 Nov 17 Test Number: C2
 Description of Debris Test: Debris concentration of 0.000048 ft³ Nukon fines/gal water: PCI strainer with 1/8" hole size: 412 gpm (0.04 ft/s approach velocity)
 Debris Types and Quantities: Batch quantity: 0.29 lbm of Nukon fines 11/14/11 - Nukon Fines - C2.4 11/14/11 - Nukon Fines - C2.5, 11/14/11 - Nukon Fines - C2.6


Time	Flow	Temp.	Screen dp	Filter dp	Water Level	Turbidity	Filters installed	Comments
hh:mm	gpm	°F	R-H ₂ O	psid	inches	NTU	I.D. #s	
16:32	412	77.3	0.22	4.14				END DEBRIS ADD C2.4
16:35								
16:39	412	77.3	0.23	4.10			F3:C25 F4:C24	Complete screen coverage
								P. drums
17:08	414	77.5	0.24	4.18				S pool turnover complete
17:09	409	77.5	0.23	4.11				TIME TO AB. SAMPLE
17:07	415	77.5	0.24	4.07				REG. DEBRIS ADD C2.5
17:08	417	77.5	0.24	4.08	66"	South Exit		END DEBRIS ADD C2.5
17:15	414	77.6	0.25	4.31			F1:C217 F1:C218	INSTALL NEW BAGS
17:32	416	77.6	0.26	4.28				No piles of fiber on the floor
17:40	398	77.3	0.24	3.96				S pool turnover complete
17:49	412	77.7	0.24	4.31				TIME TO AB. SAMPLE
17:51	412	77.7	0.24	4.16				North East Corner
17:52	412	77.7	0.25	4.21				REG. DEBRIS ADD C2.6
17:57	407	77.7	0.26	4.07			F3:C219 F4:C220	END DEBRIS ADD C2.6 INSTALL NEW BAGS
18:13	400	77.8	0.25	3.91				P. drums
18:25	404	77.8	0.26	4.20				S pool turnover complete
18:28	400	77.8	0.26	3.99				TIME TO AB. SAMPLE
18:30	415	77.8	0.27	4.18				REG. DEBRIS ADD C2.7
18:31	413	77.8	0.27	4.13				END DEBRIS ADD C2.7
18:37	411	77.9	0.29	4.09			F1:C221 F2:C222	INSTALL NEW BAGS


Test Engineer: Terrance Clark Print Terrance Clark Signature

Test Coordinator: J. Poska Print J. Poska Signature

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BWROG Report – GEH Class I


	BWROG ECCS Strainer Bypass Test Report		
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	Bypass Test C2 Procedure		
	Document No: ALION-SPP-BWROG-7337-0C2	Revision: I	Page: A1 of A1


ATTACHMENT A – TEST LOG


Date: 2011 Nov 17 Test Number: C2
 Description of Debris Test: Debris concentration of 0.000048 ft³ Nukon fines/gal water: PCI strainer with 1/8" hole size: 412 gpm (0.04 ft/s approach velocity)
 Debris Types and Quantities: Batch quantity: 0.29 lbm of Nukon fines - 11/11/11 - Nukon Fines - C2.7, 11/17/11 - Nukon Fines - C2.8, 11/14/11 - Nukon Fines - C2.9, 11/14/11 - Nukon Fines - C2.10

Time	Flow	Temp.	Screen dp	Filter dp	Water Level	Turbidity	Filters Installed	Comments
hh:mm	gpm	°F	A-H10	psid	inches	NTU	I.D. #s	
18:45	411	77.9	0.29	4.21	66 1/2			Pictures Bridging between the two Disk Farthest from Section has the Largest Bridge. There is bridging between 2 Disk Closest to the suction but not as much.
19:03	418	78.0	0.29	4.29	66 1/2			S Pool Turbidity
19:08	407	78	0.29	3.98				TAKE TURB. SAMPLE
19:10	411	78	0.28	4.10				BEGIN ADDING ADD C2.8
19:11	400	78	0.27	3.94	66 1/2			END ADDING ADD C2.8
19:16	410	78	0.20	3.97	66 1/2		F3:C223 F4:C224	INSTALL NEW BAGS
19:23	418	78.1	0.30	4.00	66 1/2			Pictures of Bridging on the south side and the north side of the strainer.
19:42	412	78.2	0.30	4.11				S POOL TURB. OUT OF 5
19:45	414	78.1	0.31	4.22				TAKE TURB. SAMPLE
19:45	419	78.2	0.31	4.17	66 1/2			BEGIN ADD C2.9
19:50	418	78.2	0.31	4.24				END ADD C2.8
19:50	412	78.2	0.32	4.19			F1:C225 D:C226	INSTALL NEW BAGS
20:18	417	78.2	0.33	4.20				S Pool Turbidity out of 5
20:21	412	78.2	0.32	3.96				TAKE TURB. SAMPLE
20:24	410	78.2	0.33	4.15				BEGIN ADD C2.10
20:25	413	78.2	0.32	4.0				END ADD C2.10
20:29	412	78.2	0.34	4.04			F3:C201 F4:C202	INSTALL NEW BAGS
20:35	400	75.3	0.34	3.97	66 1/2			Picture

Test Engineer: Torrence Clark 
 Print Signature

Test Coordinator: J. Poska 
 Print Signature

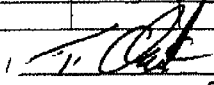
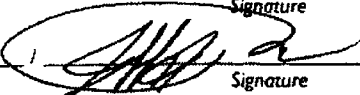
	BWROG ECCS Strainer Bypass Test Report		
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	Bypass Test C2 Procedure		
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ATTACHMENT A – TEST LOG

Date: 2011 Nov 17 Test Number: C2
 Description of Debris Test: Debris concentration of 0.000048 ft³ Nukon fines/gal water; PCI strainer with 1/8" hole size; 412 gpm (0.04 ft/s approach velocity)
 Debris Types and Quantities: Batch quantity: 0.29 lbm of Nukon fines 11/14/11 - Nukon Fine - C2-11
11/14/11 - Nukon Fines - C2-12

Time	Flow	Temp.	Screen dp	Filter dp	Water Level	Turbidity	Filters installed	Comments
hh:mm	gpm	°F	ft-H ₂ O	psid	inches	NTU	I.D. #s	
20:57	411	78.4	0.36	4.18				5 PULMONARY
20:59	405	78.3	0.34	3.93				TAKE SAMPLE (TURB.)
20:59	406	78.4	0.34	3.99				FEED ADD C2-11
21:01	407	78.3	0.34	3.89				END ADD C2-11
21:05	407	78.4	0.37	4.07			FI: C503 FI: C504	INSTALL NEW ADDS
21:35	407	78.5	0.38	4.05				5 PULMONARY
21:37	412	78.5	0.38	4.11				TAKE SAMPLE (TURB.)
21:38	401	78.5	0.37	4.04				FEED ADD C2-12
21:39	408	78.5	0.39	4.05				END ADD C2-12
21:45	397	78.5	0.39	3.90				JUST MONITORING
22:06	406	78.6	0.42	4.08				
22:14	409	78.7	0.42	4.06				Special Test over connect
22:19	398	78.7	0.40	3.85				all fiber is on the strainer. Picture
								The A in Headless (11/17/11)
								Headless is stable per our Headless criteria at 0.022 (11/17/11)
								difference of 0.02' in the last four. => ending test.
22:43								Turbidity Sample
22:45	410	78.8	0.41	4.10	66"			Stopping Test

Test Engineer: Terrance Clark  Signature
 Print
 Test Coordinator: J. Posica  Signature
 Print


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ATTACHMENT C

Test C3 & Test C3.2 Test Logs

BWROG Report – GEH Class I


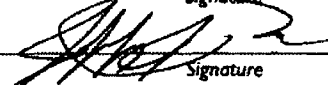
	BWROG ECCS Strainer Bypass Test Report		
	Document No: BWROG-ECCS-TA13-004	Revision: 1	Page: C-2 of C-6

	Bypass Test C3 Procedure		
	Document No: ALION-SPP-BWROG-7337-0C3	Revision: 0	Page: A1 of A1

ATTACHMENT A - TEST LOG


Date: 2011 Nov 29 Test Number: C3
 Description of Debris Test: Debris concentration of 0.000096 ft³ Nukon fines/gal water. PCI strainer with 1/8" hole size: 412 gpm (0.04 ft/s approach velocity)
 Debris Types and Quantities: Batch quantity: 0.58 lbm of Nukon fines - 11/22/11 - Nukon Fines - (C3.1), 11/23/11 - Nukon Fines - (C3.2)


Time	Flow	Temp.	Screen dp	Filter dp	Water Level	Turbidity	Filters Installed	Comments
hh:mm	gpm	°F	R-H2O	psid	inches	NTU	I.D. #s	
10:30	429	78.9	0.25"	2.09	65"	0.9	FC301	START LABVIEW
10:40							FC301	1 IN SMALL FILTERS
							FC302	
							FC303	
							FC304	
10:53								START PUMP
10:54	413	78.7	0.20	3.90	65"			TAKE SAMPLE
11:12	412	78.8	0.21	4.05	65"			PICKUPS
11:25	409	78.9	0.20	3.91	65"			
11:27	408	78.7	0.20	3.88	65"			TAKE SAMPLE START C3.1
11:29	410	78.7	0.20	3.90	65"			MODIFY ON
11:31	412	78.8	0.20	3.90	65"			ADD DEBRIS (END C3.1)
11:32	415	78.9	0.20	3.92	65"			MODIFY OFF (C3.1)
							FC305	1 IN SMALL FILTERS
							FC306	
12:02	421	79.0	0.22	4.17	65"			END C3.1 PICTURE
12:05	410	78.9	0.22	4.00	65"			TAKE SAMPLE START C3.2
12:07	411	79.0	0.21	3.98	65"			ADD DEBRIS (END C3.2)
							FC307	1 IN SMALL FILTERS
							FC308	
12:28	409	79.1	0.23	3.99	65"			End of C3.2
								Changing over to F24 F4
12:38	414	79.0	0.23	4.11	65"			Turbidity Sample
12:41	410	79.1	0.23	3.91	65"			Adding Debris

Test Engineer: Turjanet Clark 
 Print Signature
 Test Coordinator: J. Posner 
 Print Signature

Test Log Page 1 of 3

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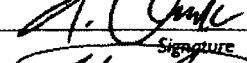
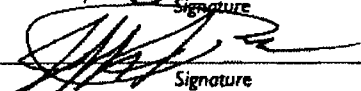
	BWROG ECCS Strainer Bypass Test Report		
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	Bypass Test C3 Procedure		
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ATTACHMENT A – TEST LOG


Date: ~~29th Dec~~ ^{NW} 29th 11/29/11 Test Number: C3
 Description of Debris Test: Debris concentration of 0.000096 ft³ Nukon fines/gal water; PCI strainer with 1/8" hole size: 412 gpm (0.04 ft/s approach velocity)
 Debris Types and Quantities: Batch quantity: 0.58 lbm of Nukon fines 11/23/11 - Nukon Coarse - C3.3; 11/23/11 - Nukon Fine - C3.4; 11/23/11 - Nukon Fines - C3.5; 11/23/11 - Nukon Fines - C3.6


Time	Flow	Temp.	Screen dp	Filter dp	Water Level	Turbidity	Filters Installed	Comments
hh:mm	gpm	°F	ft-H ₂ O	psid	inches	NTU	I.D. #s	
12:43	411	79.1	0.24	3.97	65 1/4"			Add Complete
							C309-F1; C310-F2	
12:50	408	79.1	0.25	4.00	65 1/4"			Picture
12:44	409	79.2	0.25	3.89	65 1/4"			End of C3.3
12:14								
13:17	417	79.2	0.26	4.03	65 1/4"			Sampling
13:18	409	79.2	0.25	4.06	65 1/4"			Adding C3.4
13:20	415	79.2	0.27	3.85	65 1/2"			Add complete
							C311-F3; C312-F4	
13:53	411	79.4	0.29	3.87	65 1/2"			End of 5 pool turnover
								END OF C3.4
13:56	412	79.4	0.30	4.05	65 1/2"			Sampling
13:58	418	79.4	0.30	4.01	65 1/2"			Adding Debris C3.5
14:00	407	79.4	0.29	3.92	65 3/4"			Add Complete
14:23	416	79.6	0.32	4.03	65 3/4"			Speed Turnover complete
								END OF C3.5
14:35	414	79.6	0.33	4.13	65 3/4"			Changing to F1+F2
14:37	413	79.6	0.32	4.03	65 3/4"			Sampling
14:41	405	79.5	0.32	3.80	65 3/4"			Adding Debris
14:44	410	79.5	0.		66"			
14:43					66"			Debris Add complete
15:12	559	79.7	0.36	3.88	66"			Speed Turnover complete
								waiting for stabilize
15:37	414	79.8	0.36	4.02	66"			

Test Engineer: Terrance Clark 1 
 Print Signature
 Test Coordinator: J. Posner 1 
 Print Signature

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	Bypass Test C3 Procedure		
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ATTACHMENT A – TEST LOG


Date: 10/12/09 Test Number: C3
 Description of Debris Test: Debris concentration of 0.000096 ft³ Nukon fines/gal water; PCI strainer with 1/8" hole size; 412 gpm (0.04 ft/s approach velocity)
 Debris Types and Quantities: Batch quantity: 0.58 lbm of Nukon fines 1/3/2012 Nukon Fines - C3.1.1
1/3/2012 Nukon Fines - C3.1.2, 1/3/2012 Nukon Fines C3.1.3


Time	Flow	Temp.	Screen dp	Filter dp	Water Level	Turbidity	Filters installed	Comments
hh:mm	gpm	°F	ft-H ₂ O	psid	inches	NTU	I.D. #s	
08:44	455	69.8	0.21	2.17	65"			Started lab on
09:02							C3.201-F1, C3.202-F2 insert C3.203-F3, C3.204-F4 filters	
09:37								Starting pump
09:39	417	68.9	0.21	3.94	65"			sample start of C3.200
10:16	409	69.3	0.20	3.83	65"			End of C3.1.1
10:15	399	69.2	0.20	3.79	65"			TAKE SAMPLE, falling
10:27								27
10:35	408	69.4	0.21	3.91	65"			BEFORE ADD C3.1.1
10:39	420	69.4	0.21	4.18	65"			FURNISH ADD
							C3.205-F1 C3.206-F2	
11:11	404	68.7	0.21	3.77	65 1/2"			END OF C3.1.1
11:15	401	69.8	0.21	3.69	65"			TAKE SAMPLE
11:17	407	69.7	0.22	3.79	65"			BEGIN ADD C3.1.2
11:18	407	69.7	0.22	3.79	65"			END ADD C3.1.2
							F3: C3.207 F4: C3.208	
11:49	406	70.1	0.26	3.87	65 1/2"			End of C3.1.2
								PICKUPS OF TANK SCREEN COMPLETELY COVERED
11:57	414	70.1	0.26	4.00	65 1/2"			Take turbidity sample
12:00	417	70.1	0.26	4.10	65 1/2"			start add C3.1.3
12:01	419	70.1	0.26	4.00	65 1/2"			end add C3.1.3

Test Engineer: TORRANCE CLARK 
 Print Signature
 Test Coordinator: J. POSMA 
 Print Signature

Test Log Page 1 of 2

BWROG Report – GEH Class I


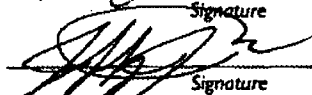
	BWROG ECCS Strainer Bypass Test Report		
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	Bypass Test C3 Procedure		
	Document No: ALION-SPP-BWROG-7337-0C3	Revision: 0	Page: A1 of A1

ATTACHMENT A – TEST LOG


Date: 1-4-12 Test Number: C3
 Description of Debris Test: Debris concentration of 0.000096 ft³ Nukon fines/gal water; PCI strainer with 1/8" hole size; 412 gpm (0.04 ft/s approach velocity)
 Debris Types and Quantities: Batch quantity: 0.58 lbm of Nukon fines
1/3/2012 - NUKON FINES - C3.1.4

Time	Flow	Temp.	Screen dp	Filter dp	Water Level	Turbidity	Filters Installed	Comments
hh:mm	gpm	°F	ft-H ₂ O	psid	inches	NTU	I.D. #s	
12:06							F1-C3.209 F2-C3.210	insert filters
12:09	405	70.2	0.26	3.91	65 1/2	-		
12:30	412	70.5	0.28	4.13	65 1/2			END OF C3.1.3
								REWORKS.
12:46	397	70.5	0.27	4.04	65 1/2			Sanding
12:50	400	70.5	0.27	3.74	65 1/2			Adding C3.1.4
								70.6 °C 11/12
12:51	397	70.6	0.27	3.70	65 1/2			Add Complete
13:03	401	70.9	0.27	4.03	65 1/2			7.41% 5 foot TURBIDITY COMPLETE BUT THERE IS STILL SOME FINE FILTER THAT CAN BE SEEN
								Flashing around the foot.
13:54	395	71.1	0.30	3.69	65 1/2			THE CHANGE IN HEAD LOSS FOR THE LAST HOUR IS 2.02' ⇒ CONTINUING TO WAIT.
14:04	411	71.2	0.31	3.99	65 1/2			HEAD LOSS FOR THE LAST HOUR IS < 0.02' HEAD ⇒ THE TEST IS COMPLETE ALL THE DEBRIS HAS MADE IT TO THE SCREEN. PICTURES.

Test Engineer: TORRANCE CLARK 
 Print Signature
 Test Coordinator: J. Poska 
 Print Signature


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BWROG Report – GEH Class I

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ATTACHMENT D

Test C4 Test Logs

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	Bypass Test C4 Procedure		
	Document No: ALION-SPP-BWROG-7337-0C4	Revision: 0	Page: A1 of A1


ATTACHMENT A – TEST LOG


Date: 2011 Nov 21 Test Number: C4
 Description of Debris Test: Debris concentration of 0.00019 ft³ Nukon fines/gal water. PCI strainer with 1/8" hole size: 412 gpm (0.04 ft/s approach velocity)
 Debris Types and Quantities: Batch quantity: 1.15 lbm of Nukon fines; 11/18/11 - Nukon Fines - C4.1 5 buckets → 1.15 lbm; 11/18/11 - Nukon Fines - C4.2 5 buckets.

Time	Flow	Temp.	Screen dp	Filter dp	Water Level	Turbidity	Filters Installed	Comments
hh:mm	gpm	°F	ft-H ₂ O	psid	inches	NTU	I.D. #s	
15:21	530	73.6	0.22	2.27				Started Lab. CW ↓
	Flow to 412							
15:38	414	73.7	0.21	1.92				@ 1/2 Low at 414
15:39	421	73.7	0.21	1.94				Stopping Pump
	Install Filter Bags							
16:02	0	73.6					(401-F1) (402-F2) (403-F3) (404-F4) F1, F2	Restart Pump
16:05	418	73.6	0.21	4.10	65			Take Turbidity Sample
16:13	412	73.7	0.21	4.12	65			FINISH
16:36	414	73.8	0.22	4.18	65"			
16:38	418	73.6	0.22	4.19	65"			THIS SAMPLE C4-1
16:40	415	73.8	0.22	4.20	65"			BEFORE ADD C4-1
16:43	409	73.7	0.23	4.12	65"			END ADD C4-1
16:44	418	73.7	0.20	4.12	65"			STOP MIXERS
16:48	424	73.8	0.22	4.13	65"			FINISH
17:01	INSTALL FILTER BAGS IN F1, F2							
17:04	409	73.9	0.23	4.05	65"			C405-F1; C406-F2 5 Full Turbidity Samples
	FINISH							
17:18	417	73.9	0.23	4.21				SAMPLE WHEN C4-2
17:20	411	73.9	0.23	4.22				BEFORE ADD C4-2
17:23	413	73.9	0.24	4.04				END ADD C4-2
	Install Filter Bags in F3, F4							
							(407-F3) (408-F4)	

Test Engineer: Terrance Clark 
 Print Signature

Test Coordinator: J. Posica 
 Print Signature

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	Bypass Test C4 Procedure		
	Document No: ALION-SPP-BWROG-7337-0C4	Revision: 0	Page: A1 of A1

ATTACHMENT A – TEST LOG

Date: 2011 Nov 24 Test Number: C4
 Description of Debris Test: Debris concentration of 0.00019 ft³ Nukon fines/gal water; PCI strainer with 1/8" hole size; 412 gpm (0.04 ft/s approach velocity)
 Debris Types and Quantities: Batch quantity: 1.15 lbm of Nukon fines 11/18/11 - Nukon Fines C43 in 5 buckets.


Time	Flow	Temp.	Screen dp	Filter dp	Water Level	Turbidity	Filters Installed	Comments
hh:mm	gpm	°F	ftH ₂ O	psid	inches	NTU	I.D. #s	
17:54	414	74.1	0.23	4.01	65"			Spool Turn over
17:56	412	74.1	0.27	4.14	65"			Take turbidity sample
17:58	420	74.1	0.28	4.16	65"	21"		BEGIN ADD C4.3
18:01	416	74.1	0.29	4.31	65"			ADD COMPLETE
18:32	408	74.3	0.24	3.97	66"			Spool Turn over
			Complete	Take turbidity		sample		
18:34	412	74.4	0.35	4.06	66"			picture
18:16	404	74.6	0.3	4.0	66"			Test Ended
			A Pressure = 0.021			stable		sample

Test Engineer: Torrance Clark 
 Print Signature

Test Coordinator: J. Posina 
 Print Signature


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	BWROG ECCS Strainer Bypass Test Report		
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ATTACHMENT E

Test C5 Test Logs


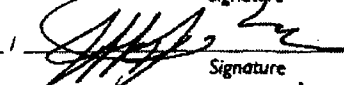
	BWROG ECCS Strainer Bypass Test Report		
	Document No: BWROG-ECCS-TA13-004	Revision: 1	Page: E-2 of E-2

	Bypass Test C5 Procedure		
	Document No: ALION-SPP-BWROG-7337-0C5	Revision: 0	Page: A1 of A1

ATTACHMENT A – TEST LOG


Date: 11/23/11 Test Number: C5
 Description of Debris Test: Debris concentration of 0.00057 ft³ Nukon fines/gal water. PCI strainer with 1/8" hole size: 412 gpm (0.04 ft/s approach velocity)
 Debris Types and Quantities: Batch quantity: 3.45 lbm of Nukon fines [11/18/11 - Nukon fines - C5, 14 (1.7016) 11/18/11 - Nukon Fines - C5, 14b (1.7516) to 11/23/11

Time	Flow	Temp.	Screen dp	Filter dp	Water Level	Turbidity	Filters Installed	Comments
hh:mm	gpm	°F	API	psid	inches	NTU	I.D. #s	
10:47	—							STOP PUMP
11:01							F1: C505 F2: C506 F3: C507 F4: C508	INSTALL FILTERS
11:17								ON FILTERS IN FLOW
11:17	398	74.1	0.24	3.71				Adjusting flow
11:19	473	74.0	0.25	3.90				Turbidity Sample
								Starting C5.0
11:53	415	74.3	0.26	3.98				End of Spool Turnover
11:54	415	74.1	0.25	3.90				Turbidity Sample
12:02	422	79.3	0.27	4.12				Begin 10000 AFD
12:03	410	79.2	0.26	3.89				End 10000 AFD
12:04	419	74.2	0.26	4.19				STOP MODS
12:35	414	74.5	0.41	4.13				Spool Turnover complete
								Taking Turbidity Sample
12:48	411	74.6	0.42	4.19				SMALL AMT. FILTERS STILL SUSP.
								Pictures
12:13	411	74.7	0.42	4.17				
12:26	460	74.8	0.41	4.06				We are stable
								u. in 0.02" dia in the last hour. See P. Clark
								of fragments that did not make it to the screen due to 2" mod turn
								also. Taking a turbidity sample
13:31								Stopping Lab work

Test Engineer: Terrance Clark 
 Print Signature
 Test Coordinator: J. Posner 
 Print Signature

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BWROG Report – GEH Class I


	BWROG ECCS Strainer Bypass Test Report		
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ATTACHMENT F

Test DI Test Logs

BWROG Report – GEH Class I

	BWROG ECCS Strainer Bypass Test Report		
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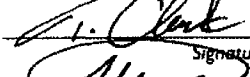
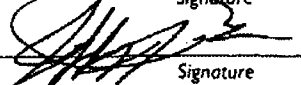
	Bypass Test DI Procedure		
	Document No: ALION-SPP-BWROG-7337-0D1	Revision: 0	Page: A1 of A1

ATTACHMENT A - TEST LOG


Date: 14th Dec 04 Test Number: DI
 Description of Debris Test: Debris concentration of 0.000096 ft³ TEMP-MAT fines/gal water; PCI strainer with 1/8" hole size; 412 gpm (0.04 ft/s approach velocity)


Debris Types and Quantities: Batch quantity: 2.83 lhm of TEMP-MAT fines
12/11 - Temp-Mat Fines - DI.1

Time	Flow	Temp.	Screen dp	Filter dp	Water Level	Filter & Locations	Comments
hh:mm	gpm	°F	ft-H ₂ O	psid	inches	I.D. #s	
08:24					65"		Started Labview & started
							no start was 0.9 NTU
							F1-D01; F2-D02; D03-F3; F4-D04
08:58							Starting pump
09:04	415	71.5	0.22	4.98	65		Sampling
09:17	418	71.6	0.22	4.05			Picture
9:28	420	71.7	0.21	4.03	63		End of STEP DI.0
9:31	433	71.7	0.22	4.16	69		TURBIDITY SAMPLE, APPROX FLOW
							ADD APPROX DI.1 END TO SPEC
9:41	416	71.7	0.21	3.95	65"		ADD COMPLETE
							F1-D05; F2-D06
09:45	415	71.8	0.23	3.98	65		stirring (5 min)
10:10	401	72.0	0.26	3.67			Starting to use south trolley
							motor to add agitation to pre tank, STIR WITH OAR
10:13	417	72.0	0.30	3.89	65"		STIRRING COMPLETE, PICTURE TAKEN
10:17	408	72.0	0.29	3.94	65"		STIRRING (STRAINER IS COMPLETELY COVERED)
10:22	410	72.1	0.31	3.97	66"		STIRRING COMPLETE
10:50	415	72.4	0.31	3.99	65		picture tank on is cleaned w.
10:52	408	72.5	0.32	3.90	65		stirring to 12/11
10:57	411	72.5	0.32	3.90	65		stirring complete
11:10	412	72.6	0.31	3.92	65		End of DI.1 sample 7/2/11
							is on the strainer
11:12	410	72.6	0.32	3.84	65		sample
11:40	410	72.6	0.32	3.85	65		sample

Test Engineer: Terrence Clark 
 Print Signature
 Test Coordinator: J. Posner 
 Print Signature

BWROG Report – GEH Class I

	BWROG ECCS Strainer Bypass Test Report		
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	Bypass Test D1 Procedure		
	Document No: ALION-SPP-BWROG-7337-0D1	Revision: 0	Page: A1 of A1

ATTACHMENT A – TEST LOG

Date: 2011 Dec 08 Test Number: D1
 Description of Debris Test: Debris concentration of 0.000096 ft³ TEMP-MAT fines/gal water; PCI strainer with 1/8" hole size; 412 gpm (0.04 ft/s approach velocity)


Debris Types and Quantities: Batch quantity: 2.83 lbm of TEMP-MAT fines
12/7/11 - Temp-Mat Fines - D1.2; ALION-SPP-BWROG-7337-0D1


Time	Flow	Temp.	Screen dp	Filter dp	Water Level	Filter & Locations	Comments
hh:mm	gpm	°F	R-H ₂ O	psid	inches	I.D. #s	
11:17	404	72.6	0.32	3.84	65 1/4		Add complete
						F1-D03; F4-D08	
11:29	415	72.6	0.42	3.25			Stirring
11:38	400	72.7	0.50	3.74	65 1/4		STIRRING COMPLETE
11:54	392	72.9	0.52	3.67	65 1/4		Adjust Flow
12:00	408	73.0	0.56	3.99	65 1/4		Stirring
12:04	409	73.0	0.55	4.00	65 1/4		Stirring
12:11	416	73.0	0.56	3.94	65 1/4		End stirring
12:24	404	73.1	0.55	3.87	65 1/4		End stirring
12:30	413	73.2	0.57	3.98	65 1/4		Picture
12:40	416	73.3	0.58	4.06	65 1/4		End of D1.2. Place 1/2 lbm than 2.40 gms of Fiber net on the strainer sample
12:48	416	73.3	0.59	4.06	65 1/4		Adding D1.3
12:45	417	73.3	0.58	4.03	65 1/4		Add complete
12:49	398	73.3	0.57	3.98	65 1/4		Add complete
12:52	411	73.3	0.56	4.06	65 1/4		F1-D03; F2-D01 stirring
12:52	407	73.4	0.72	4.00	65 1/4		Stirring Complete
12:54	410	73.4	0.71	4.04	65 1/4		Stirring
13:00	408	73.4	0.77	3.71	65 1/4		Stirring Complete
13:15	412	73.5	0.82	3.89	65 1/4		Stirring
13:15	407	73.5	0.82	3.98	65 1/4		Stirring Complete
13:39	409	73.7	0.94	3.86	65 1/4		Stirring + Picture

Test Engineer: Terrence Clark 

Test Coordinator: J. Posner 

BWROG Report – GEH Class I

	BWROG ECCS Strainer Bypass Test Report		
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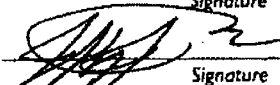
	Bypass Test D1 Procedure		
	Document No: ALION-SPP-BWROG-7337-0D1	Revision: 0	Page: A1 of A1

ATTACHMENT A – TEST LOG


Date: 12-8-11 Test Number: D1
 Description of Debris Test: Debris concentration of 0.000096 ft³ TEMP-MAT fines/gal water; PCI strainer with 1/8" hole size; 412 gpm (0.04 ft/s approach velocity)


Debris Types and Quantities: Batch quantity: 2.83 lbm of TEMP-MAT fines
12/7/11 - Temp-Mat Fines - D1.4

Time	Flow	Temp.	Screen dp	Filter dp	Water Level	Filter & Locations	Comments
hh:mm	gpm	°F	R-H:O	psid	inches	I.D. #s	
13:45	400	73.8	0.84	3.92	65 3/4		End Stirring
14:00	472	73.9	0.76	3.92	65 3/4		Stirring
14:05	416	73.9	0.84	4.15	65 3/4		Stirring Complete.
14:08	388	73.9	0.83	3.74	65 3/4		Picture
14:24	413	74.1	0.84	3.99	65 3/4		End of D1.3 less than
14:29	407	74.1	0.84	3.75	65 3/4		30 grams notes on the strainer + Head loss A for the last hour = 0.01' H ₂ O
14:53	402	74.1	0.84	3.74	65 3/4		Sample
4:55	405	74.0	0.84	3.74	65 6/6		Adding D1.4
					7614/11		Add Complete
							D3-D1, F4-D12
14:45	996	74.1	0.94	3.72	66		Flow
14:47	417	74.1	1.00	4.10	66		Flow A Complete. Stirring
14:55	415	74.2	1.05	4.02	66		Stirring Complete
15:04	411	74.3	1.06	4.16	66		Stirring
15:09	411	74.3	1.05	4.20	66		Stirring Complete
15:33	477	74.5	1.06	4.11	66		Stirring
15:32	416	74.6	1.08	4.13	66		Stirring Complete
15:54	415	74.7	1.08	4.15	66		Stirring
					7612/11		
16:03	419	74.8	1.09	4.03	66		Stirring Complete
16:27	416	75.0	1.10	4.09	66		End of D1.4. Less than
							65 grams of material/debris is on the strainer and Head loss A for the last hour = 0.03' H ₂ O

Test Engineer: Terrance Clark 
 Print Signature
 Test Coordinator: J. Poska 
 Print Signature

BWROG Report – GEH Class I

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	Bypass Test DI Procedure		
	Document No: ALION-SPP-BWROG-7337-0D1	Revision: 0	Page: A1 of A1

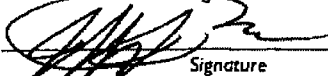
ATTACHMENT A – TEST LOG

Date: 24th Dec 08 Test Number: DI
 Description of Debris Test: Debris concentration of 0.000096 ft³ TEMP-MAT fines/gal water; PCI strainer with 1/8" hole size; 412 gpm (0.04 ft/s approach velocity)

Debris Types and Quantities: Batch quantity: 2.83 lbm of TEMP-MAT fines
12/7/11 - Temp-Mat Fines - DI.5 ; 12/7/11 - Temp-Mat Fines - DI.6


Time	Flow	Temp.	Screen dp	Filter dp	Water Level	Filter & Locations	Comments
hh:mm	gpm	°F	R-H:O	psid	inches	I.D. #s	
16:30	417	74.9	1.10	4.23			Sampling
16:35	410	75.0	1.06	4.22			Adding DI.5
16:36	415	75.6	1.11	4.15	66 1/4		Add complete
						F1-D3; F2-D14	
16:45	418	75.0	1.20	4.04	66 1/4		Stirring
16:52	419	75.1	1.24	4.35	66 1/4		End of Stirring
17:00	413	75.2	1.24	4.14	66 1/4		Stirring + Pictures
17:30	423	75.3	1.25	4.13	66 1/4		End Stirring
17:45	404	75.5	1.22	3.98	66 1/4		Stirring
17:49	416	75.5	1.24	3.99	66 1/4		End of Stirring End of
							DI.5 low from 60gpm out on Strainer.
17:53	414	75.5	1.30	3.99	66 1/4		Sampling
17:56	404	75.5	1.25	3.97	66 1/4		Adding DI.6
17:59	405	75.5	1.27	3.96	66 1/4		Add DI.6 complete
							at 17:59
18:05	414	75.6	1.32	4.01	66 1/4		Stirring
18:11	413	75.7	1.26	3.99	66 1/4		End of Stirring
							at 18:11
18:30	412	75.8	1.39	4.08	66 1/4		Stirring
18:40	412	75.9	1.38	4.06	66 1/4		End of Stirring

Test Engineer: Terrance Clark Print  Signature

Test Coordinator: J. Poser Print  Signature

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BWROG Report – GEH Class I


	BWROG ECCS Strainer Bypass Test Report		
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ATTACHMENT G

Test D2 Test Logs

BWROG Report – GEH Class I

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	Bypass Test D2 Procedure		
	Document No: ALION-SPP-BWROG-7337-0D2	Revision: 0	Page: A1 of A1


ATTACHMENT A – TEST LOG

Date: 2011 Dec 14 Test Number: D2
 Description of Debris Test: Debris concentration of 0.000096 ft³ ROCK WOOL fines/gal water; PCI strainer with 1/8" hole size: 412 gpm (0.04 ft/s approach velocity)

Debris Types and Quantities: Batch quantity: 1.15 lbm of ROCK WOOL fines: 12/12/11 - Annual load Fine -D2-1


Time	Flow	Temp.	Screen dp	Filter dp	Water Level	Filter & Locations	Comments
hh:mm	gpm	°F	ft-H ₂ O	psid	inches	I.D. #s	
8:28	504	74.0	0.22	2.12	65"		Started leaking ^{12/14/11} leaking
8:43				2.12			
8:43				Stirring Pump		F1: D15	
						F2: D16	
						F3: D17	
						F4: D18	
9:00	417	73.9	0.22	3.80	65"		START PUMP
9:05	412	74.9	0.22	3.89	65"		Sample
9:39	421	74.1	0.23	4.06	65"		End of D2.0
9:38	433	74.1	0.23	4.05	65"		Seeds + Pump
9:40	413	74.1	0.22	3.88	65"		Flow A Complete
9:45	413	74.2	0.22	3.78	65"		ADD DEBRIS D2.1 COMPARE 60 sec
9:49	418	74.3	0.22	3.86	65"		STOP MIXING (65 sec)
9:54	410	74.3	0.22	3.90	65"		MANUAL STR (7 min)
9:55	408	74.3	0.21	3.90	65"	F1: D19 F2: D20	INSTALL BAGS
10:09	406	74.4	0.21	3.85	65"		Stirring
10:11	406	74.5	0.22	3.91	65"		End of Stirring
10:14	396	74.6	0.20	3.90	65"		Stirring
10:18	406	74.6	0.21	3.85	65"		End of Stirring
10:24	407	74.6	0.22	3.87	65"		End of Str. at 12/14/11
10:30	394	74.6		Stirring			
10:30	374	74.6	0.20	3.82	65"		End of Stirring
10:35	411	74.6	0.22	3.91	65"		Stirring


Test Engineer: Torrance Clark 
 Print Signature

Test Coordinator: J. Pozka 
 Print Signature

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BWROG Report – GEH Class I

	BWROG ECCS Strainer Bypass Test Report		
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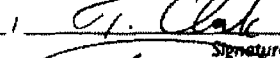
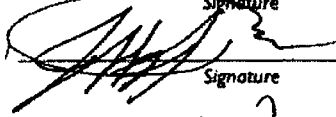
	Bypass Test D2 Procedure		
	Document No: ALION-SPP-BWROG-7337-0D2	Revision: 0	Page: A1 of A1

ATTACHMENT A – TEST LOG


Date: 29th Dec 14 Test Number: D2
 Description of Debris Test: Debris concentration of 0.000096 ft³ ROCK WOOL fines/gal water; PC strainer with 1/8" hole size; 412 gpm (0.04 ft/s approach velocity)


Debris Types and Quantities: Batch quantity: 1.15 lbm of ROCK WOOL fines
12/14/11 - Mineral Wool Fines - D2.2; 12/17/11 - Mineral Wool Fines - D2.3

Time	Flow	Temp.	Screen dp	Filter dp	Water Level	Filter & Locations	Comments
hh:mm	gpm	°F	R-H ₂ O	psid	inches	I.D. #s	
10:39	409	74.7	0.21	3.91	65"		End of Stirring
10:44	405	74.7	0.22	3.82	65"		Stirring
10:45	408	74.8	0.22	3.73	65"		End of Stirring
10:48	396	74.8	0.22	3.78	65"		Adding trolling motor to the stirring
11:08	407	75.0	0.23	3.69	65"		END OF D2.1
11:16	398	75	0.20	3.45	65"		SAMPLE
11:19	413	75	0.24	3.89	65"		ADJUST DRIVE
11:22	419	75	0.24	3.76	65"		ADD DEBRIS D2.2 END LOG SPEC
						F3.021; #4-D22	
11:34	411	75.1	0.28	3.85	65"		Stirring
11:37	412	75.1	0.27	3.85	65"		End stirring ^{to 11:40} stopped & started trolling motor
11:39	425	75	0.38	3.96	65"		End stirring
							There is complete coverage of Strainer
11:47	414	75.3	0.28	3.94	65"		Stirring
11:51	433	75.3	0.28	3.92	65"		End of Stirring
11:54	418	75.4	0.28	3.73	65"		END of D2.2 Tank is clear
12:02	416	75.5	0.28	3.84	65"		SAMPLE
12:03	415	75.5	0.28	3.84	65"		ADJUST D2.3 END LOG SPEC
						F1:023	INSTALL BAGS
						F2:038	
12:13	412	75.4	0.31	3.78	65"		Stirring
12:17	412	75.5	0.31	3.6	65"		END of stirring

Test Engineer: Terrance Clark 
 Print Signature
 Test Coordinator: J. Posica 
 Print Signature
 Test Log Page 2 of 7

BWROG Report – GEH Class I

	BWROG ECCS Strainer Bypass Test Report		
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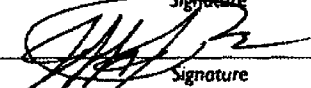
	Bypass Test D2 Procedure		
	Document No: ALION-SPP-BWROG-7337-0D2	Revision: 0	Page: A1 of A1

ATTACHMENT A – TEST LOG


Date: 24/1 Dec 14 Test Number: D2
 Description of Debris Test: Debris concentration of 0.000096 ft³ ROCK WOOL fines/gal water; PCI strainer with 1/8" hole size; 412 gpm (0.04 ft/s approach velocity)

Debris Types and Quantities: Batch quantity: 1.15 lbm of ROCK WOOL fines
12/12/14 - Mineral Wool Fines - D2.4; 12/17/11 - Mineral Wool Fines - D2.5; 12/18/14 - Mineral Wool Fines - D2.6

Time	Flow	Temp.	Screen dp	Filter dp	Water Level	Filter & Locations	Comments
hh:mm	gpm	°F	RH2O	psid	inches	I.D. #s	
12:31	406	75.7	0.33	4.00	65 1/8"		End of D2.5
12:42	423	75.7	0.33	3.82	65 1/8"		Turbidity Sample Taken
12:43	420	75.7	0.33	3.91	65 1/2"		Begin Debris Add D2.4
12:46	408	75.7	0.33	2.67	65 1/2"	F3-D25 F4-D26	ADD COMPLETE, INSTALL FILTERS
12:53	412	75.8	0.36	3.85	65 1/2"		stirring
12:59	407	75.9	0.36	3.60	65 1/2"		End of Stirring
13:07	416	76.9	0.38	3.87	65 1/2"		stirring
13:12	418	76.1	0.39	3.90	65 1/2"		End of Stirring
13:18	420	76.1	0.39	3.92	65 1/2"		End of D2.4, 799.99% on Strainer
13:20	419	76.1	0.37	3.79	65 1/2"		Changing to Valve
13:22	432	76.1	0.38	3.83	65 1/2"		Sample
13:24	427	76.1	0.40	3.99	65 1/2"		Adding Batch D2.5
13:25	426	76.0	0.39	3.89	65 3/4"		Add complete
13:40	416	76.2	0.42	3.69	65 3/4"	F1-D27 F2-D28	stirring
13:45	429	76.3	0.44	3.98	65 3/4"		End stirring
13:58	413	76.4	0.44	4.04	65 3/4"		End of D2.5 tank is clear, 0.44 psid
14:04	406	76.5	0.42	3.63	65 3/4"		Sample Turbidity
14:07	415	76.5	0.43	3.79	65 3/4"		Begin Add D2.6
14:08	424	76.5	0.45	3.81	65 3/4"		Add complete
14:29	417	76.6	0.49	3.81	65 3/4"		12/14/11
14:31	420	76.8	0.50	3.87	65 3/4"		stirring 1st start/stop/start

Test Engineer: Terrance Clark 
 Print Signature
 Test Coordinator: J. Puzka 
 Print Signature


BWROG Report – GEH Class I


	BWROG ECCS Strainer Bypass Test Report		
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ATTACHMENT H

Test FI Test Logs

BWROG Report – GEH Class I

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	Bypass Test FI Procedure		
	Document No: ALION-SPP-BWROG-7337-0FI	Revision: 0	Page: A1 of A1

ATTACHMENT A – TEST LOG

Date: 28th Dec 1 Test Number: FI
 Description of Debris Test: Debris concentration of 0.000096 ft³ Nukon fines/gal water; PCI strainer with 1/8" hole size; 206 gpm (0.02 ft/s approach velocity)
 Debris Types and Quantities: Batch quantity: 0.58 lbm of Nukon fines 11/28/11-Nukon Fines-A-1


Time	Flow	Temp.	Screen dp	Filter dp	Water Level	Turbidity	Filters installed	Comments
hh:mm	gpm	°F	ft-H ₂ O	psid	inches	NTU	I.D. #s	
09:26						0.18		Pre test
09:34								START LABVIEW
09:47							F1:F01 F2:F02 F3:F03 F4:F04	INSMALL FILMERS
09:57								START PUMP/ADJUST FLOW
09:58								STOP PUMP/VERIFY GEAR
10:02	206	78.5	0.06	3.04	65"			START PUMP/ADJUST FLOW
10:06	209	78.5	0.06	2.87	65"			TAKE SAMPLE
10:23	206	78.6	0.06	2.66	65"			P. CHNGS
				2.90				
11:10	205	78.7	0.06	2.91	65"			
11:11	191	78.7	0.06	3.25	65"			TAKE SAMPLE
11:19	206	78.7	0.06	4.08	65"			ADJUST FLOW/START MUDS
11:23	205	78.7	0.06	4.09	65"			END DEBRIS ADD FI-1140 SEC)
11:24	205	78.7	0.06	4.10	65"			STOP MUDS
11:30	207	78.7	0.06	4.06	65"		F05:F1	FILTER F03 INTO F1
11:32	207	78.7	0.06	4.07	65"			SUSPEND DEBRIS (CAR)
11:46	203	78.7	0.07	4.03	65"			STOP DEBRIS SUSPENDING
11:48	203	78.7	0.07	4.15	65"			SUSPEND DEBRIS
11:58	207	78.7	0.07	4.22	65"			STOP DEBRIS SUSPENDING
12:05	204	78.9	0.07	4.17	65"			SUSPEND DEBRIS
12:13	205	78.9	0.07	4.22	65"			STOP DEBRIS SUSPENDING


Test Engineer: Terrance Clark 
 Print Signature

Test Coordinator: J. Poska 
 Print Signature

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BWROG Report – GEH Class I


	BWROG ECCS Strainer Bypass Test Report		
	Document No: BWROG-ECCS-TA13-004	Revision: 1	Page: H-3 of H-7


	Bypass Test FI Procedure		
	Document No: ALION-SPP-BWROG-7337-0F1	Revision: 0	Page: A1 of A1

ATTACHMENT A – TEST LOG

Date: 2011 Dec 1 Test Number: FI
 Description of Debris Test: Debris concentration of 0.000096 ft³ Nukon fines/gal water. PCI strainer with 1/8" hole size: 206 gpm (0.02 ft/s approach velocity)
 Debris Types and Quantities: Batch quantity: 0.58 lbm of Nukon fines 1/25/11 Alkon Fines - FI.2


Time hh:mm	Flow gpm	Temp. °F	Screen dp ft-H2O	Filter dp psid	Water Level inches	Turbidity NTU	Filters installed ID. #s	Comments
12:18	210	78.8	0.07	4.17	65"			SUSPEND DEBRIS
12:24	211	78.7	0.07	4.17	65"			ADJUST MORE FOR STIRRING
12:31	212	78.7	0.07	4.10				1 MORE ONE SAW FOR STIRRING
12:47	208	78.8	0.07	4.11	65"			5 gal. Turbidity complete
12:48	212	78.8	0.07	4.05	65"			STIRRING W/ OAR (1 min)
12:53	205	78.8	0.07	4.08	65"			STIRRING W/ OAR (1 min)
								Small amount of Class 2 Fines settled out. >95% - 99% of Debris load has made it to the strainer. => Ended FI.1
13:01	203	78.9	0.07	4.10	65"			End of FI.1
13:03	218	78.9	0.08	4.26	65"			Sample
13:06	221	78.8	0.09	4.15	65 1/4"			END DEBRIS AND FI.2
13:14	216	78.8	0.08	4.09	65 1/4"			FI.2 FOLLOWS SMALL FILTERS FOR STIRRING
13:18	218	78.9	0.08	4.05	65 1/4"			STIRRING COMPLETE
13:31	215	78.9	0.08	4.13	65 1/4"			STIRRING
13:35	215	78.9	0.08	4.12	65 1/4"			STIRRING - COMPLETE
13:38	221	79.0	0.09	4.16	65 1/4"			STIRRING
13:43	214	79.0	0.08	4.27	65 1/4"			STIRRING COMPLETE, 7.6L MOTOR OFF THEN ON
13:48	218	79.0	0.09	4.13	65 1/4"			STIRRING
13:53	215	79.0	0.09	4.18	65 1/4"			STIRRING COMPLETE
13:58	214	79	0.09	4.16	65 1/4"			STIRRING


Test Engineer: Terrance Clark 
 Print Signature

Test Coordinator: J. Peska 
 Print Signature

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BWROG Report – GEH Class I

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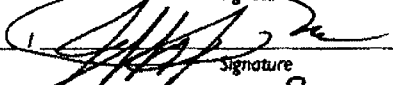
	Bypass Test FI Procedure		
	Document No: ALION-SPP-BWROG-7337-0FI	Revision: 0	Page: A1 of A1

ATTACHMENT A - TEST LOG

Date: 24/11 Dec 01 Test Number: FI
 Description of Debris Test: Debris concentration of 0.000096 ft³ Nukon fines/gal water; PCI strainer with 1/8" hole size; 206 gpm (0.02 ft/s approach velocity)
 Debris Types and Quantities: Batch quantity: 0.58 lbm of Nukon fines 11/29/11 - Nukon Fines - FI.3


Time hh:mm	Flow gpm	Temp. °F	Screen dp R-H ₂ O	Filter dp psid	Water Level inches	Turbid- ity NTU	Filters installed ID. #s	Comments
14:00	205	79.1	0.08	4.12	6 5/4			STIRRING COMPLETE
14:06	212	79.1	0.08	4.35	6 5/4			STIRRING
14:09	207	79.1	0.09	4.20	6 5/4			stirring complete
14:23	215	79.1	0.09	4.07	6 5/4			STIRRING
14:24	217	79.1	0.08	4.07	6 5/4			STIRRING COMPLETE
14:35	215	79.1	0.09	4.17	6 5/4			End step FI.2
14:37	235	79.1	0.09	3.84	6 5/4		Sample	Begin step FI.3
14:38	224	79.1	0.09	3.75	6 5/4			Begin Add FI.3
14:40	225	79.1	0.09	3.79	6 5/4			End Add FI.3
							F3: F07	Install Filter Bag
14:46	230	79.1	0.10	3.65	6 5/4			Stirring
14:50	225	79.1	0.10	3.76	6 5/4			STIRRING COMPLETE
14:54	225	79.1	0.10	3.81	6 5/4			STIRRING FLOW ADJUSTMENT
14:59	212	79.1	0.10	3.57	6 5/4			STIRRING FLOW ADJUST COMPLETE
15:03	213	79.1	0.10	3.54	6 5/4			STIRRING
15:05	219	79.1	0.09	3.49	6 5/4			stirring complete
15:15	216	79.2	0.10	3.54	6 5/4			stirring
15:21	214	79.2	0.10	3.59	6 5/4			stirring complete
15:26	212	79.2	0.11	3.48	6 5/4			STIRRING
15:28	219	79.2	0.10	3.37	6 5/4			STIRRING COMPLETE
15:33	215	79.2	0.10	3.64	6 5/4			STIRRING
15:35	221	79.2	0.11	3.57	6 5/4			STIRRING COMPLETE
15:43	211	79.2	0.10	3.51	6 5/4			STIRRING
15:46	217	79.2	0.11	3.52	6 5/4			STIRRING COMPLETE


Test Engineer: Terrance Clark 
 Print Signature

Test Coordinator: J. P. P... 
 Print Signature

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BWROG Report – GEH Class I


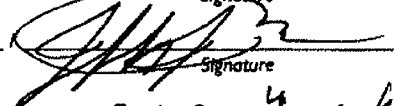
	BWROG ECCS Strainer Bypass Test Report		
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	Bypass Test FI Procedure		
	Document No: ALION-SPP-BWROG-7337-0F1	Revision: 0	Page: A1 of A1


ATTACHMENT A - TEST LOG


Date: 28/11 Dec 01 Test Number: F1
 Description of Debris Test: Debris concentration of 0.000096 ft³ Nukon fines/gal water. PCL strainer with 1/8" hole size: 206 gpm (0.02 ft/s approach velocity)
 Debris Types and Quantities: Batch quantity: 0.58 lbm of Nukon fines 11/29/11 - Fines^{Nukon} - F1.4 1/2" - Nukon Fines - F1.5

Time	Flow	Temp.	Screen dp	Filter dp	Water Level	Turbidity	Filters installed	Comments	
hh:mm	gpm	°F	R-H ₂ O	psid	inches	NTU	ID. #s		
15:49	212	79.2	0.10	3.59	65 1/4			END OF STEP F1.3	
15:50	217	79.2	0.10	3.63	65 1/4			TURBIDITY SAMPLE	
15:51	228	79.1	0.10	3.57	65 1/4			BEGIN STEP F1.4	
15:53	216	79.1	0.10	3.52	65 1/4			END OF ADDITION	
16:03	221	79.3	0.11	3.52	65 1/2			STIRRING	
16:07	214	79.2	0.11	3.55	65 1/2			End Stirring	
16:13	221	79.2	0.12	3.53	65 1/2			STIRRING	
16:17	218	79.3	0.12	3.50	65 1/2	65 1/2		End stirring	
16:22	214	79.3	0.13	3.59	65 1/2			STIRRING	
16:35	216	79.3	0.12	3.55	65 1/2			STIRRING COMPLETE	
16:42	215	79.3	0.12	3.60	65 1/2			STIRRING	
16:44	218	79.3	0.13	3.53	65 1/2			STIRRING COMPLETE	
			Taking pictures at test tank						
16:57	222	79.3	0.13	3.64	65 1/2			Send TORRANCE SAMPLE	
			END OF F1.4						
16:58	206	79.3	0.11	3.93	65 1/2			Sample	
16:59	209	79.3	0.11	3.86	65 1/2			Adding F1.5	
17:01	202	79.3	0.11	3.91	65 1/2			Add complete	
17:12	203	79.3	0.13	3.89	65 1/2			Stirring, Turn on	
			end of A Testing meter						
17:15	200	79.4	0.13	3.90	65 1/2			Stirring Complete	
17:19	202	79.3	0.12	3.95	65 1/2			Stirring without	
			Testing meter						
17:20	197	79.4	0.13	3.88	65 1/2			Stirring Complete	

Test Engineer: Torrance Clark 
 Print Signature
 Test Coordinator: J. Posner 
 Print Signature
 Test Log Page 4 of 6

BWROG Report – GEH Class I

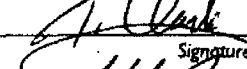
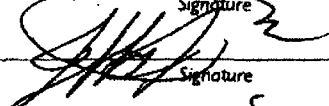
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	Bypass Test FI Procedure		
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ATTACHMENT A - TEST LOG

Date: 2011 Dec 01 Test Number: FI
 Description of Debris Test: Debris concentration of 0.000096 ft³ Nukon fines/gal water; PCI strainer with 1/8" hole size; 206 gpm (0.02 ft/s approach velocity)
 Debris Types and Quantities: Batch quantity: 0.58 lbm of Nukon fines 11/29/11 - Nukon Fines - FI-6

Time	Flow	Temp.	Screen dp	Filter dp	Water Level	Turbidity	Filters installed	Comments	
hh:mm	gpm	°F	A-H ₂ O	psid	inches	NTU	ID. #s		
17:20	194	79.4	0.13	3.90	65 1/2			Pictures	
17:25	195	79.3	0.13	3.95	65 1/2			Stirring w/ Toolbars	
17:27	190	79.4	0.13	3.91	65 1/2			Stirring Complete	
			motor North side Turned the south side off and on quickly						
17:32	192	79.4	0.14	3.89	65 1/2			Stirring	
17:33	190	79.3	0.14	3.93	65 1/2			Stirring complete/	
			ADJUSTING Flow:						
17:34	212	79.4	0.13	4.14	65 1/2			Flow adjust complete	
17:43	200	79.3	0.14	3.96	65 1/2			STIRRING	
17:47	197	79.4	0.14	4.02	65 1/2			STIR COMPLETE	
17:57	200	79.4	0.14	3.97	65 1/2			Stirring	
17:58	201	79.4	0.14	3.92	65 1/2			End Stirring	
18:06	207	79.4	0.14	4.00	65 1/2			End of 5 Pod Turbidity Stirring	
18:08	201	79.4	0.14	4.04	65 1/2			End Stirring	
18:15	202	79.4	0.14	4.04	65 1/2			Stirring	
18:17	200	79.4	0.14	4.05	65 1/2			End of Stirring	
18:24	202	79.4	0.14	4.09	65 1/2			End of FI 5	
18:23	206	79.4	0.14	4.07	65 1/2			Start of Turbidity Sample	
18:24	202	79.4	0.15	4.08	65 1/2			Begin Add FI 6	
18:26	196	79.4	0.15	3.94	65 1/4			End Add FI 6	
18:37	207	79.5	0.16	4.11	65 1/4			Stirring	
18:40	201	79.4	0.17	3.97	65 1/4			End Stirring	

Test Engineer: Terrance Clark 
 Print Signature
 Test Coordinator: J. Poska 
 Print Signature
 Test Log Page 5 of 6



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	Bypass Test FI Procedure		
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ATTACHMENT A - TEST LOG


Date: 2011 Dec 01 Test Number: F1
 Description of Debris Test: Debris concentration of 0.000096 ft³ Nukon fines/gal water: PCI strainer with 1/8" hole size: 206 gpm (0.02 ft/s approach velocity)
 Debris Types and Quantities: Batch quantity: 0.58 lbm of Nukon fines

Time hh:mm	Flow gpm	Temp. °F	Screen dp B-H=0 psid	Filter dp psid	Water Level inches	Turbid- ity NTU	Filters Installed I.D. #s	Comments
18:44	202	79.5	0.18	4.08				Stirring + Sweas
								Tralling motor on South Side and re-starting
18:52	205	79.5	0.17	3.93				End of Stirring
19:02	206	79.5	0.18	3.41				Stirring and Sweas
								South tralling make
19:07	202	79.5	0.14	3.98				End of Stirring
19:15	206	79.5	0.18	3.91				Stirring + Sweas
								Tralling make on the South side
19:18	200	79.5	0.18	4.00				End of Stirring
19:26	207	79.6	0.17	4.03				Stirring
19:28	203	79.5	0.18	4.00				End Stirring
19:35	210	79.6	0.18	4.05				End of pool turnover
								95 FB tralling motor
								Greater than 90% of the Fiber has reached the strainer
19:39	211	79.6	0.18	4.04				Sample
19:4	199	78.6	0.18	3.94				Stopping Lab View End Test

Test Engineer: Torrance Clark 
 Print Signature
 Test Coordinator: J. Poska 
 Print Signature

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BWROG Report – GEH Class I


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ATTACHMENT I

Test F2 Test Logs

BWROG Report – GEH Class I

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	Bypass Test F2 Procedure		
	Document No: ALION-SPP-BWROG-7337-0F2	Revision: 0	Page: A1 of A1

ATTACHMENT A – TEST LOG

Date: 241 Dec 06 Test Number: F2
 Description of Debris Test: Debris concentration of 0.000096 ft³ NUKON fines/gal water. PCI strainer with 1/8" hole size: 618 gpm (0.06 ft/s approach velocity)
 Debris Types and Quantities: Batch quantity: 0.58 lbm of NUKON fines 14511 - NUKON Fine - F2.1


Time	Flow	Temp.	Screen dp	Filter dp	Water Level	Turbidity	Filters installed	Comments
hh:mm	gpm	°F	ft-H ₂ O	psid	inches	NTU	I.D. #s	
09:00	637	75.5	0.46	322	65"	0.02		Start Labview
			took	Turbidity	Sande			
09:07	642	75.7	0.46	322	65"			Picture of Clean tank
09:13	645	75.7	0.46	325	65"			Stopping ^{to} pump
9:24							F08: F1	INSTALL FILTERS
							F09: F2	
							F10: F3	
							EH: F4 ^{M3}	
9:36								START TEST TANK PUMP
9:38	622	75.6	0.43	4.78'		0.02		START OF STEP F2.0 (SAMPLE)
				VFD @ 50.9Hz				
10:00	621	76.2	0.43	4.88'	65"			END END OF F2.0
10:04	626	76.3	0.45	7.89'	65"			MOVE SBV-01 50% NOT-FREQ
10:08	622	76.4	0.42	1.89'	65"			MOVE SBV-01 70% NOT-FREQ
10:09	640	76.4	0.46	0.40'	65"			MOVE SBV-01 100%
10:15	631	76.5	0.44	0.84'	65"		F1: F1	INSTALL FILTERS
							F2: F2	
							F3: F3	
10:22	637							CLOSE SBV-01 25% 44.45Hz
	410							CLOSE SBV-01 50% 44.45Hz
								CLOSE SBV-01 75% 40.5 DRIVE
10:30	623	76.6	0.45	4.16'	65"			TAKE SAMPLE
10:38	620	76.8	0.43	4.90'	65"			ADD DEBRIS F2.1 FND WORK


Test Engineer: Terrance Clark Print T. Clark Signature

Test Coordinator: J. Posica Print J. Posica Signature

Test Log Page 1 of 6

BWROG Report – GEH Class I

	BWROG ECCS Strainer Bypass Test Report		
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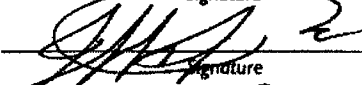
	Bypass Test F2 Procedure		
	Document No: ALION-SPP-BWROG-7337-0F2	Revision: 0	Page: A1 of A1

ATTACHMENT A – TEST LOG

Date: 2011 Dec 06 Test Number: F2
 Description of Debris Test: Debris concentration of 0.000096 ft³ NUKON fines/gal water; PCI strainer with 1/8" hole size: 618 gpm (0.06 ft/s approach velocity)
 Debris Types and Quantities: Batch quantity: 0.58 lbm of NUKON fines
12/5/11 - Nukon Fines - F2.2


Time	Flow	Temp.	Screen dp	Filter dp	Water Level	Turbidity	Filters Installed	Comments
hh:mm	gpm	°F	ft-H ₂ O	psid	inches	NTU	I.D. #s	
10:39	620	76.8	0.4	4.76	6.9"			STOP MOTORS
11:00	616	77.4	0.43	4.77	6.5"			END OF F1-F2.1 "144"
* 11:04	560 -618 635	77.5	0.41	3.14	6.5"			LOWRQ DRIVE 48 Hz + OPEN SBV-01 46% LOWRQ DRIVE TO 45-9 Hz + OPEN SBV-01 - 65% LOWRQ DRIVE TO 43-5 Hz + OPEN SBV-01 100%
11:13	631	77.6	0.44	0.71				F1: F14 F2: F15 F3: F16
11:23	618							CLOSE SBV-01 20%
11:23	614							CLOSE SBV-01 40%
11:25	636							ADJUST DRIVE TO 44-8 Hz
11:25	609							CLOSE SBV-01 60%
11:30	640							ADJUST DRIVE TO 47-6 Hz
11:31	585							CLOSE SBV-01 80%
11:32	618							ADJUST DRIVE TO 50 Hz
11:32	610							CLOSE SBV-01 100%
11:33	605							TAKE SAMPLE
11:35	616							ADD DEBRIS F2.2 END 60500
11:57	610	78.4	0.45	4.44	6.5 1/4"			End of 1.5 hr Test
12:09	417	78.6	0.45	4.5F	6.5 1/4"			OPEN SBV-01 20%
12:12	590							LOWRQ DRIVE TO 49 Hz


Test Engineer: Terrance Clark 
 Print Signature

Test Coordinator: J. Posner 
 Print Signature

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BWROG Report – GEH Class I

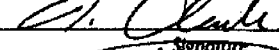
	BWROG ECCS Strainer Bypass Test Report		
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	Bypass Test F2 Procedure		
	Document No: ALION-SPP-BWROG-7337-0F2	Revision: 0	Page: A1 of A1

ATTACHMENT A – TEST LOG


Date: 2011 Dec 06 Test Number: F2
 Description of Debris Test: Debris concentration of 0.000096 ft³ NUKON fines/gal water; PCI strainer with 1/8" hole size; 618 gpm (0.06 ft/s approach velocity)
 Debris Types and Quantities: Batch quantity: 0.58 lbm of NUKON fines
12/5/11 - Nukon Fines - F2.3


Time hh:mm	Flow gpm	Temp. °F	Screen dp ft-H ₂ O	Filter dp psd	Water Level inches	Turbidity NTU	Filters Installed I.D. #s	Comments
12:11	627							OPEN SBW-01 40%
12:17	592							LOWER DRIVE TO 42.0 Hz
12:16	642							OPEN SBW-01 60%
12:18	594							LOWER DRIVE TO 44 Hz
12:19	625							OPEN SBW-01 80%
12:20	585							LOWER DRIVE TO 43.4 Hz
12:21	618							OPEN SBW-01 100%
							F1: F17	INSTALL FILTERS
							F2: F18	
							F3: F19	
12:33	616							CLOSE SBW-01 20%
12:34	580							CLOSE SBW-01 40%
12:36	629							RAISE DRIVE 46.75 Hz
12:36	615							CLOSE SBW-01 60%
12:38	578							CLOSE SBW-01 80%
12:39	630							RAISE DRIVE 49.75
12:40	600							CLOSE SBW-01 100%
12:41	615							RAISE DRIVE 50.50 Hz
12:43	617							TAKE SAMPLE
12:45	615							ADD DEBRIS F2.3 END WORK
12:50	614	79.3	0.49	4.65	65 1/2			particles
12:57	609	79.6	0.50	4.70	65 1/2			SEAL TURBIDITY CELL all fiber and send it to the store
1:04	611	79.6	0.50	4.58	65 1/2			
1:05								

Test Engineer: Terrence Clark  Signature

Test Coordinator: J. Poska  Signature

BWROG Report – GEH Class I


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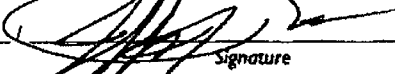
	Bypass Test F2 Procedure		
	Document No: ALION-SPP-BWROG-7337-0F2	Revision: 0	Page: A1 of A1

ATTACHMENT A – TEST LOG


Date: 2011 Dec 6 Test Number: F2
 Description of Debris Test: Debris concentration of 0.000096 ft³ NUKON fines/gal water. PCI strainer with 1/8" hole size: 618 gpm (0.06 ft/s approach velocity)
 Debris Types and Quantities: Batch quantity: 0.58 lbm of NUKON fines
12/5/11 - Nukon Fines - F24


Time	Flow	Temp.	Screen dp	Filter dp	Water Level	Turbidity	Filters Installed	Comments
hh:mm	gpm	°F	ft-H ₂ O	psid	inches	NTU	I.D. #s	
13:10								Close valve 20%
13:11								open valve to 40% + Hz
13:13								open valve 60%
13:14							HS 20 Hz	+ Hz
13:15								Close to 80%
13:15								open to 100%
13:16								Hz to 43.20Hz
13:17								Flow Adjust and Complete
								FLFD, FL-FH, F3-222
13:25								close SAV-01 to 40%
13:26								close SAV-01 to 40%
13:27								then to 80%
13:28								↑ VFD to Flow 6280
13:29								Close valve to 60% 70% 14/11
13:30								↑ VFD
13:32								Close valve to 80%
								and to VFD
13:33						Sample		Close valve 100% Turbidity F 2.4
13:37	618	80.1	0.49	4.52	65 1/4"			Adding F2.4 to 14/11
13:38	618	80.1	0.49	4.35	65 1/4"			Action complete

Test Engineer: Terrance Clark  Print Signature

Test Coordinator: J. Posner  Print Signature

Test Log Page 4 of 6



	BWROG ECCS Strainer Bypass Test Report		
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	Bypass Test F2 Procedure		
	Document No: ALION-SPP-BWROG-7337-0F2	Revision: 0	Page: A1 of A1

ATTACHMENT A - TEST LOG


Date: 12-6-11 Test Number: F2
 Description of Debris Test: Debris concentration of 0.000096 ft³ NUKON fines/gal water: PCI strainer with 1/8" hole size: 618 gpm (0.06 ft/s approach velocity)
 Debris Types and Quantities: Batch quantity: 0.58 lbm of NUKON fines
12/5/11 - NUKON Fines - F2.5


Time	Flow	Temp.	Screen dp	Filter dp	Water Level	Turbidity	Filters installed	Comments
hh:mm	gpm	°F	ft:H ₂ O	psid	inches	NTU	I.D. #s	
14:00	611	80.5	0.51	4.62	65 1/2			5 pool turnovers complete
14:03								lowering VFD
14:04								Open SBU-01 20%
14:05								Open SBU-01 40%
14:05								lowering VFD
14:06								Open SBU-01 60%
14:06								lowering VFD
14:07								Open SBU-01 80%
14:08								lowering VFD 49.74 Hz
14:08								Open SBU-01 100%
								F1-F23, F2-F24, F3-25
14:17								Close SBU-01 40%
14:18								Raise VFD
14:18								Close SBU-01 60%
14:19								Raise VFD
14:20								Close SBU-01 80%
14:20								Raise VFD
14:21								Close SBU-01 100%
14:22								Raise VFD
14:23	609	80.8	0.54	4.87	65 1/2			Turbidity Sample
14:23	613	80.8	0.54	4.66	65 1/2			Begin Add F2.5
14:25	612	80.8	0.53	4.61	65 1/2			Add Complete
14:36	611	81.0	0.58	4.80	65 1/2			Adjust Flow
14:49	623	81.2	0.58	4.99	65 1/2			2 pool Turnovers Complete Debris all on filter

Test Engineer: Torrence Clark 
 Print Signature
 Test Coordinator: J. Poser 
 Print Signature

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BWROG Report – GEH Class I


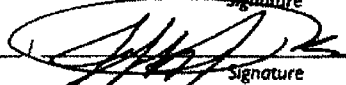
	BWROG ECCS Strainer Bypass Test Report		
	Document No: BWROG-ECCS-TA13-004	Revision: 1	Page: 1-7 of 1-7

	Bypass Test F2 Procedure		
	Document No: ALION-SPP-BWROG-7337-0F2	Revision: 0	Page: A1 of A1

ATTACHMENT A – TEST LOG


Date: 2011 Dec 06 Test Number: F2
 Description of Debris Test: Debris concentration of 0.000096 ft³ NUKON fines/gal water; PCI strainer with 1/8" hole size; 618 gpm (0.06 ft/s approach velocity)
 Debris Types and Quantities: Batch quantity: 0.58 lbm of NUKON fines
11511-Nukon Fines - F2.6

Time	Flow	Temp.	Screen dp	Filter dp	Water Level	Turbidity	Filters Installed	Comments
N/mm	gpm	°F	ft-H ₂ O	psid	inches	NTU	I.D. #s	
14:48	613	81.2	0.59	4.66	65 1/2			Value 20% + ↓ VFD
14:50								open to 40% + ↓ VFD
14:52								open to 60% + ↓ VFD
14:53	623	81.4	0.59			7.14/11		open to 80% to 100% + ↓ VFD + closing F2-01
							F1-F2; F2-F2; F3-F28	
15:00	621	81.4	0.60	0.79	65 1/2			Close valve 20%
15:04								Close valve 40% then ↑ VFD
15:05								Close to 60% then ↑ VFD
15:07							then VFD ↑	Close valve to 90%
15:08							and VFD	Close valve 100% then ↑
							VFD	
15:08	614	81.3	0.59	4.60	65 1/2			Stable
15:09	612	81.4	0.57	4.64	65 1/2			holding F2.6
15:10	602	81.4	0.58	4.30	65 1/2			add coarse
15:13	619	81.9	0.64	4.64	65 1/2			Speed turnovers
								complete waiting for stable Head cell.
15:43	603	82.1	0.64	4.58	65 1/2			
16:22	615	82.8	0.64	4.81	65 1/2			Sample turbidity
16:23	621	82.7	0.63	4.75	65 1/2			Stop Pump + VFD

Test Engineer: Torrance Clark 
 Print Signature
 Test Coordinator: J. Posner 
 Print Signature


Test Log Page 6 of 6


BWROG Report – GEH Class I

	BWROG ECCS Strainer Bypass Test Report		
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ATTACHMENT J

Test SI Test Logs


	BWROG ECCS Strainer Bypass Test Report		
	Document No: BWROG-ECCS-TA13-004	Revision: 1	Page: J-2 of J-3

	Bypass Test S1 Procedure		
	Document No: ALION-SPP-BWROG-7337-051	Revision: 0	Page: A1 of A1

ATTACHMENT A – TEST LOG

Date: 2/1/04 Test Number: S1
 Description of Debris Test: Debris concentration of 0.000026 ft³ NUKON FINES/gal water. PCI strainer with 3/32" hole size: 412 gpm (0.04 ft/s approach velocity)
 Debris Types and Quantities: Batch quantity: 0.58 lbm of NUKON FINES (U6/11 - NUKON Fines - Q51.1, U6/23 - NUKON Fines - Q51.2; U6/23 - Q61 - NUKON Fines - Q51.3)


Time	Flow	Temp.	Screen	Filter	Water	Filter &	Comments
MM:SS	gpm	°F	Ø, in	Ø, in	Level	Locations	
08:15							Stratex final
			F1-S0	F2-S02; F3-S03; F4-S04			
08:33							Stratex final
08:39	419	75.4	Ø.21	3.87	65"		Sampling Start S1.0 TC14/01/01
08:41	409	75.5	Ø.21	3.82	65"		End of Q51.0
08:41	412	75.5	Ø.21	3.9	65"		Sample S1.1
08:40	414	75.4	Ø.21	3.93	65"		Adding water on
08:45	409	75.4	Ø.22	3.88	65"		Adding Q51.1
08:46	415	75.4	Ø.22	3.92	65"		Completed Add to Trailing water
							No debris yet to strainer due to cheapness
							F1-S05; F2-S06
08:45	412	75.6	Ø.23	3.97	65"		TC14/01/01
08:51	405	75.6	Ø.22	3.83	65"		Get complete screen course. 0.04 ft/s
08:51	415	75.7	Ø.22	3.87	65"		End of Q51.1 TC14/01/01
							60.000 screen.
08:53	409	75.6	Ø.22	3.83	65"		Sample Start 1.2
08:54	407	75.7	Ø.22	3.75	65"		Adding Q51.2
08:56	410	75.6	Ø.22	3.87	65"		Add Compt
							F3-S07; F4-S08
08:59	407	75.9	Ø.25	3.79	65"		End of Q51.2
08:51	404	75.9	Ø.25	3.65	65"		Sample Q51.3 p. done
08:52	399	75.9	Ø.24	3.55	65"		Adding Q51.3
08:56	418	75.9	Ø.26	3.71	65"		Add Compt


Test Engineer: T. Clark 

Test Coordinator: J. Poska 

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BWROG Report – GEH Class I

	BWROG ECCS Strainer Bypass Test Report		
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	Bypass Test SI Procedure		
	Document No: ALION-SPP-BWROG-7337-051	Revision: 0	Page: A1 of A1


ATTACHMENT A – TEST LOG

Date: 2011 Dec 28 Test Number: SI
 Description of Debris Test: Debris concentration of 0.000096 lb NUKON FINES/gal water. PCI strainer with 3/32" hole size: 412 gpm (0.04 ft/s approach velocity)

Debris Types and Quantities: Batch quantity: 0.58 lbm of NUKON FINES 12-23-2011 - NUKON FINES - OS1.4
 16/23/2011 - NUKON FINES - OS1.5; 16-23-2011 - NUKON FINES - OS1.6

Time	Flow	Temp.	Screen	Filter	Water	Filter &	Comments
MM:SS	gpm	°F	dp A-H2O	dp p/d	Level inches	Locations LD #s	
						F1-S09; F2-S10	
11:19	419	76.1	0.28	3.21	65 1/2		used trolling motor to surround debris for 3 pictures
11:21	406	76.2	0.29	3.22	65 1/2		End of OS1.3
11:22	414	76.2	0.29	3.22	65 1/2		Sanding
11:25	408	76.2	0.27	3.22	65 1/2		Adding OS1.4
11:27	401	76.2	0.27	3.22	65 1/2		Add Complete
12:26						F3-S11; F4-S12	
12:26	406	76.6	0.31	3.21	65 1/2		End of OS1.4
12:30	439	76.6	0.30	3.22	65 1/2		Sample
12:40	413	76.6	0.30	3.22	65 1/2		Adding OS1.5
12:43	408	76.6	0.25	3.23	65 1/2		Add Complete
						F1-OS13; F2-S14	
12:35	412	77.0	0.35	3.21	65 1/2		End of 31.5 picture
12:40	410	76.9	0.25	3.22	65 1/2		Sample
12:42	416	77.0	0.25	3.26	65 1/2		Adding S.I.F.
12:49	392	76.9	0.25	3.22	66		Add Complete
15:05	409	77.5	0.41	3.29	66		Pictures
15:22	406	77.7	0.40	3.26	66		End of Ksp, Sample
15:25	417	77.3	0.40	3.28	66"		


12:40
12:44

Test Engineer: Torrence Clark 

Test Coordinator: J. Posner 

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BWROG Report – GEH Class I


	BWROG ECCS Strainer Bypass Test Report		
	Document No: BWROG-ECCS-TA13-004	Revision: I	Page: K-1 of K-6

ATTACHMENT K

Test S2 Test Logs

BWROG Report – GEH Class I

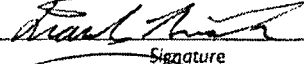
	BWROG ECCS Strainer Bypass Test Report		
	Document No: BWROG-ECCS-TA13-004	Revision: 1	Page: K-2 of K-6

	Bypass Test S2 Procedure		
	Document No: ALION-SPP-BWROG-7337-052	Revision: 0	Page: A1 of A1

ATTACHMENT A – TEST LOG

Date: 7-31-2012 Test Number: S2
 Description of Debris Test: Debris concentration of 0.000096 ft³ NUKON FINES/gal water; Enercon strainer with 3/32" hole size; 279 gpm (0.02 ft/s approach velocity)
 Debris Types and Quantities: Batch quantity: 0.58 lbm of NUKON FINES


Time	Flow	Temp.	Screen dp	Filter dp	Water Level	Filter & Locations	Comments
hh:mm	gpm	°F	ft-H ₂ O	psid	inches	I.D. ins	
21:45	279	84.1	0.02	1.16	65"		LabVIEW Restarted INSTALL FILTER BAGS F1:112, F2:113, F3:114, F4:115
22:23	0	84.0	0.00	0.00	65"		Restart Pump and adjust flow to 279 gpm
22:24-21		84	0.02	2.20	65"		Adjusting Flow
22:26	279	83.7	0.01	1.77	65"		Adjustment Complete Start Step S2.0 Sampling tank
/							


Test Engineer: Frank Biank 
Print Signature

Test Coordinator: JEFF POSKA 
Print Signature

Test Log Page 1 of 5

BWROG Report – GEH Class I

	BWROG ECCS Strainer Bypass Test Report		
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	Bypass Test S2 Procedure		
	Document No: ALION-SPP-BWROG-7337-052	Revision: 0	Page: A1 of A1

ATTACHMENT A – TEST LOG


Date: 7-31-12 Test Number: S2
 Description of Debris Test: Debris concentration of 0.000096 ft³ NUKON FINES/gal water; Emerson strainer with 3/32" hole size; 279 gpm (0.02 ft/s approach velocity)
 Debris Types and Quantities: Batch quantity: 0.58 lbm of NUKON FINES (7-23-12-Nukon Fines-S2.2)
(7-23-12-Nukon Fines-S2.2)


Time	Flow	Temp.	Screen dp	Filter dp	Water Level	Filter & Locations	Comments
hh:mm	gpm	°F	ft-H ₂ O	psid	inches	I.D. #s	
23:12	286	83.3	0.01	1.80	64 3/4		Chillers are on already
23:19	285	83.2	0.01	1.85	64 3/4		Flow S2.0
23:21	283	83.1	0.01	1.76	64 3/4		TAKE SAMPLE
23:38	283	82.9	0.02	1.81	64 3/4		ADD S2.1 AGAIN
23:40	286	82.9	0.02	1.75	64 3/4		Add Complete, Shutting Complete STRAINER
							SURFACE CLEAN THROUGHOUT
							CHUGGING PHASE
							Removed Pretest Filter bags #2
							Installed Filter Bags #112-113
							F1-116 F2-117
24:14	284	82.7	0.01	1.77	64 3/4		pictures
00:18	286	82.7	0.01	1.84	64 3/4		STICKING ON THE WEST SIDE OF THE PLENUM.
00:21	282	82.7	0.01	1.81	64 3/4		STICKING COMPLETE
00:40	282	82.5	0.02	1.85	64 3/4		END OF Step S2-1
						F3118 #114	Switching filter bags
							No debris on floor
00:44	285	82.4	0.01	1.79	64 3/4		Flow to Filters F1, F2 ON
							Flow to Filters F3, F30F
0							Taking Pictures of Debris bed
00:48	285	82.4	0.01	1.77	64 3/4		Start Add S2.2
00:49	281	82.3	0.02	1.74	64 3/4		Finished Add S2.2

Test Engineer: Cosson Stalling/Terrence Clark / 1 Can Kelly
 Print Signature
 Test Coordinator: JEFF POSKA
 Print Signature

Test Log Page 2 of 5

BWROG Report – GEH Class I

	BWROG ECCS Strainer Bypass Test Report		
	Document No: BWROG-ECCS-TA13-004	Revision: 1	Page: K-4 of K-6

	Bypass Test S2 Procedure		
	Document No: ALION-SPP-BWROG-7337-052	Revision: 0	Page: A1 of A1

ATTACHMENT A – TEST LOG

Date: Aug 1, 2012 Test Number: S2
 Description of Debris Test: Debris concentration of 0.000096 lb³ NUKON FINES/gal water; Enercon strainer with 3/32" hole size; 279 gpm (0.02 ft/s approach velocity) *to 91:42*
 Debris Types and Quantities: Batch quantity: 0.58 lbm of NUKON FINES ~~(S2.2)~~ *(7/23/12 - NUKON FINES - S2.3); (7/23/12 - NUKON FINES - S2.4)* *ca 8-1-12*

Time	Flow	Temp.	Screen dp	Filter dp	Water Level	Filter & Locations	Comments
hh:mm	gpm	°F	R-H ₂ O	psid	inches	I.D. #s	
01:07	284	82.2	0.02	1.78	65"		Letting to 8-1-12 Begin stirring west side of plenum
01:18	283	82.1	0.02	1.68	65"		END stirring
01:41	285	82.0	0.01	1.83	65"		Begin stirring
01:49	285	81.9	0.02	1.87	65"		END stirring, Pictures
02:04	285	81.9	0.02	1.83	65"		END Step S2.2
02:06	284	81.8	0.02	1.72	65"		Simulate Leak ^{to time} BEGIN S2.3
02:09	286	81.8	0.02	1.77	65"		ADDING S2.3
02:11	285	81.8	0.02	1.76	65 1/4"		ADD COMPLETE CHANGE FILTERS F1: 120 Filter Bag F2: 121 Filter Bag
02:48	290	81.4	0.02	1.79	65 1/4"		Fiber settled by drain, stirring
02:55	287	81.4	0.02	1.85	65 1/4"		END stirring
03:16	286	81.3	0.02	1.77	65 1/4"		END Step 2.3, Pictures, COMPLETE COVERAGE
03:21	286	81.2	0.02	1.78	65 1/4"		Swapping filter flow, turn on F1, F2 Sampling turbidity
03:21	286	81.2	0.02	1.78	65 1/4"		Begin step S2.4
03:24	285	81.2	0.02	1.52	65 1/4"		ADDING S2.4
03:24	287	81.2	0.02	1.70	65 1/2"		ADD COMPLETE F3: 122 Filter Bag F4: 123 Filter Bag
04:36	283	80.8	0.03	1.78	65 1/2"		END S2.4
04:40	286	80.8	0.03	1.82	65 1/2"		Sampling turbidity


ca 8-1-12


Test Engineer: Casson Stallings / TORRANCE CLARK / Cassi Della *[Signature]*

Test Coordinator: JEFF POSKA *[Signature]*

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BWROG Report – GEH Class I

	BWROG ECCS Strainer Bypass Test Report		
	Document No: BWROG-ECCS-TA13-004	Revision: 1	Page: K-5 of K-6

	Bypass Test S2 Procedure		
	Document No: ALION-SPP-BWROG-7337-052	Revision: 0	Page: A1 of A1

ATTACHMENT A – TEST LOG

Date: August 1, 2012 Test Number: S2
 Description of Debris Test: Debris concentration of 0.000096 ft³ NUKON FINES/gal water; Emerson strainer with 3/32" hole size; 279 gpm (0.02 ft/s approach velocity)
 Debris Types and Quantities: Batch quantity: 0.58 lbm of NUKON FINES (7/28/12-NUKON FINES-02.5) (7/23/12)-Nukon Fines - S2.6)


Time	Flow	Temp.	Screen dp	Filter dp	Water Level	Filter & Locations	Comments
hh:mm	gpm	°F	ft-H ₂ O	psid	inches	I.D. #s	
04:42	284	80.8	0.02	1.77	65 1/2		BEGIN Step 2.5 / Adding
04:45	285	80.8	0.03	1.74	65 1/2		ADD COMPLETE
changing filter: removing used filters							
F1: Filter 124							
F2: Filter 125							
05:21	276	80.5	0.03	1.76	65 1/2		STIRRING w/ TROLLING INTO
WENT BEHIND PLENUM							
05:50	282	80.8	0.03	1.75	65 1/2		No Debris on floor, END
of S2.5, switching to							
F3 & F4							
05:52	283	80.3	0.03	1.85	65 1/2		SAMPLES, Start of S2.6
05:54	288	80.2	0.03	1.78	65		ADDING S2.6
F3: Filter bag 126							
F4: Filter bag 127							
CONTINUES ON NEXT PAGE							


Test Engineer: Cosson Stallings/TOLLANCE CLARK Car Delli [Signature]
 Print Signature

Test Coordinator: JEFF POSKA [Signature]
 Print Signature

Test Log Page 4 of 5

BWROG Report – GEH Class I

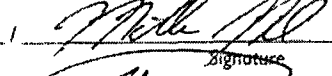
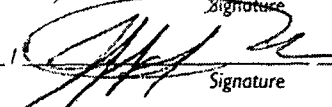
	BWROG ECCS Strainer Bypass Test Report		
	Document No: BWROG-ECCS-TA13-004	Revision: 1	Page: K-6 of K-6

	Bypass Test S2 Procedure		
	Document No: ALION-SPP-BWROG-7337-0S2	Revision: 0	Page: A1 of A1

ATTACHMENT A – TEST LOG


Date: 8-1-12 Test Number: S2
 Description of Debris Test: Debris concentration of 0.000096 ft³ NUKON FINES/gal water; Enercon strainer with 3/32" hole size; 279 gpm (0.02 ft/s approach velocity)
 Debris Types and Quantities: Batch quantity: 0.58 lbm of NUKON FINES (7/27/12 - NUKON FINES - S2.9), (7/25/12 - NUKON FINES - S2.7), (7-23-12 - NUKON FINES - S2.9)

Time	Flow	Temp.	Screen dp	Filter dp	Water Level	Filter & Locations	Comments
hh:mm	gpm	°F	ft-H ₂ O	psid	inches	I.D. #s	
6:30	285	80.1	0.03	1.78	65 3/4		
6:47	282	80.0	0.03	1.78	65 3/4		END STEP 2.6, PICTURES
7:09	287	80.0	0.03	1.88	65 3/4		SAMPLE, BEGIN ADD 2.7
7:12	286	79.9	0.04	1.82	66		END ADD 2.7
/	/	/	/	/	/	/	CHANGING FILTER BAGS
/	/	/	/	/	/	/	F1: 128
/	/	/	/	/	/	/	F2: 129
8:17	285	79.6	0.04	1.89	66		END STEP 2.7
8:22	282	79.6	0.04	1.74	66		END OF STEP 2.7, SWITCH TO F1 & F2
8:31	287	79.6	0.04	1.74	66		BEGIN STEP 2.8, SAMPLE
9:33	283	79.4	0.04	1.84	66		ADD COMPLETE
/	/	/	/	/	/	/	CHANGE FILTER BAGS
/	/	/	/	/	/	/	F3: 130
/	/	/	/	/	/	/	F4: 131 / END STEP 2.8
9:42	283	79.4	0.04	1.82	66		SWITCH TO F3 & F4
9:48	286	79.4	0.04	1.77	66		PHOTO, SAMPLE, BEGIN STEP 2.9
/	/	/	/	/	/	/	*DEBRIS BEG OBSERVED UNDER BOTH SIDES OF STRAINER
9:51	286	79.4	0.04	1.77	66 1/4		ADD COMPLETE
11:05	285	79.2	0.05	1.74	66 1/4		END OF STEP 2.9 / END OF TEST
/	/	/	/	/	/	/	SAMPLE, PHOTOS
4:58	286	79.1	0.05	1.68	66 1/4		SWITCHING TO OPEN HOUSING (NO FILTER)
/	/	/	/	/	/	/	F1 + F2, END OF TEST

Test Engineer: MATT KIELAR 
 Print Signature
 Test Coordinator: JEFF POSKA 
 Print Signature

Test Log Page 5 of 5


BWROG Report – GEH Class I


	BWROG ECCS Strainer Bypass Test Report		
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ATTACHMENT L

Filter Preparation Logs

BWROG Report – GEH Class I

	BWROG ECCS Strainer Bypass Test Report		
	Document No: BWROG-ECCS-TA13-004	Revision: I	Page: L-2 of L-219

	Filter Bag Preparation and Processing Procedure		
	Document No: ALION-SPP-LAB-2352-70	Revision: I	Page: A1 of A1

ATTACHMENT A – FILTER PREPARATION LOG


Date: 12-6-11 Test Number: C1
 Filter ID: C1201 Balance ID: SC-04


Date & Time	Filter Weight (g)	Weight Difference (g)	Total Drying Time (hours)	Oven Temp. (°F)	Room Temp. (°F)	Room Humid. (%)	Initials
12-6-11 08:40	N/A	N/A	0	206	70	27	SSM
12-7-11 08:46	187.59	N/A	24	184	69	21	SSM
12-7-11 10:52	187.58	0.01	26	188	69	21	SSM
12-7-11 13:07	187.56	0.02	29	175	69	21	SSM

Comments: _____

NOTE: A copy of this page should be used for each filter bag. The Test Coordinator should sign this document when the corresponding filter has been fully processed per the instructions in Appendix I – Filter Preparation Checklist.

Test Coordinator JEFF POSKA Date 12/7/11
 Print  Signature

	BWROG ECCS Strainer Bypass Test Report		
	Document No: BWROG-ECCS-TA13-004	Revision: I	Page: L-3 of L-219

	Filter Bag Preparation and Processing Procedure		
	Document No: ALION-SPP-LAB-2352-70	Revision: I	Page: A1 of A1


ATTACHMENT A – FILTER PREPARATION LOG

Date: 12-6-11 Test Number: C1
 Filter ID: C1202 Balance ID: SC-04


Date & Time	Filter Weight (g)	Weight Difference (g)	Total Drying Time (hours)	Oven Temp. (°F)	Room Temp. (°F)	Room Humid. (%)	Initials
12-6-11 08:40	N/A	N/A	0	206	70	27	SSM
12-7-11 08:48	184.90	N/A	24	184	69	21	SSM
12-7-11 10:54	184.88	0.02	26	188	69	21	SSM
12-7-11 13:08	184.86	0.02	29	175	69	21	SSM


Comments: _____

NOTE: A copy of this page should be used for each filter bag. The Test Coordinator should sign this document when the corresponding filter has been fully processed per the instructions in Appendix I – Filter Preparation Checklist.

Test Coordinator JEFF DUSKA  Date 12/7/11
 Print Signature

BWROG Report – GEH Class I

	BWROG ECCS Strainer Bypass Test Report		
	Document No: BWROG-ECCS-TA13-004	Revision: I	Page: L-4 of L-219

	Filter Bag Preparation and Processing Procedure		
	Document No: ALION-SPP-LAB-2352-70	Revision: I	Page: A1 of A1

ATTACHMENT A – FILTER PREPARATION LOG

Date: 12-6-11 Test Number: C1
 Filter ID: C1203 Balance ID: SC-04


Date & Time	Filter Weight (g)	Weight Difference (g)	Total Drying Time (hours)	Oven Temp. (°F)	Room Temp. (°F)	Room Humid. (%)	Initials
12-6-11 08:40	N/A	N/A	0	206	70	27	SSM
12-7-11 08:50	179.38	N/A	24	184	69	21	SSM
12-7-11 10:55	179.36	0.02	26	188	69	21	SSM
12-7-11 13:11	179.36	0.00	29	175	69	21	SSM


Comments: _____

NOTE: A copy of this page should be used for each filter bag. The Test Coordinator should sign this document when the corresponding filter has been fully processed per the instructions in Appendix I – Filter Preparation Checklist.

Test Coordinator JEFF POSKA  Date 6/7/11
Print Signature

BWROG Report – GEH Class I

	BWROG ECCS Strainer Bypass Test Report		
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ATTACHMENT A – FILTER PREPARATION LOG

Date: 12-6-11 Test Number: C 1
 Filter ID: C1204 Balance ID: SC-04


Date & Time	Filter Weight (g)	Weight Difference (g)	Total Drying Time (hours)	Oven Temp. (°F)	Room Temp. (°F)	Room Humid. (%)	Initials
12-6-11 08:40	N/A	N/A	0	206	70	27	SSM
12-7-11 08:52	190.44	N/A	24	184	69	21	SSM
12-7-11 10:57	190.47	0.03	26	188	69	21	SSM
12-7-11 13:12	190.46	0.01	29	175	69	21	SSM


Comments: _____

NOTE: A copy of this page should be used for each filter bag. The Test Coordinator should sign this document when the corresponding filter has been fully processed per the instructions in Appendix I – Filter Preparation Checklist.

Test Coordinator JEFF POSKA Date 12/7/11
 Print  Signature

BWROG Report – GEH Class I

	BWROG ECCS Strainer Bypass Test Report		
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ATTACHMENT A – FILTER PREPARATION LOG

Date: 12-6-11 Test Number: C1
 Filter ID: C1205 Balance ID: SC-04


Date & Time	Filter Weight (g)	Weight Difference (g)	Total Drying Time (hours)	Oven Temp. (°F)	Room Temp. (°F)	Room Humid. (%)	Initials
12-6-11 08:40	N/A	N/A	0	206	70	27	SSM
12-7-11 08:53	189.97	N/A	24	184	69	21	SSM
12-7-11 10:58	190.00	0.03	26	188	69	21	SSM
12-7-11 13:13	190.01	0.01	29	175	69	21	SSM


Comments: _____

NOTE: A copy of this page should be used for each filter bag. The Test Coordinator should sign this document when the corresponding filter has been fully processed per the instructions in Appendix I – Filter Preparation Checklist.

Test Coordinator JEFF PUSKA  Date 12/7/11
 Print Signature

BWROG Report – GEH Class I

	BWROG ECCS Strainer Bypass Test Report		
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ATTACHMENT A – FILTER PREPARATION LOG

Date: 12-6-11 Test Number: C1
 Filter ID: C1206 Balance ID: SC04


Date & Time	Filter Weight (g)	Weight Difference (g)	Total Drying Time (hours)	Oven Temp. (°F)	Room Temp. (°F)	Room Humid. (%)	Initial
12-6-11 08:40	N/A	N/A	0	206	70	27	SSM
12-7-11 08:55	182.28	N/A	24	184	69	21	SSM
12-7-11 10:59	182.26	0.02	26	188	69	21	SSM
12-7-11 13:14	182.31	0.05	29	175	69	21	SSM


Comments: _____

NOTE: A copy of this page should be used for each filter bag. The Test Coordinator should sign this document when the corresponding filter has been fully processed per the instructions in Appendix I – Filter Preparation Checklist.

Test Coordinator JEFF POSKA  Date 12/7/11
 Print Signature

BWROG Report – GEH Class I

	BWROG ECCS Strainer Bypass Test Report		
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ATTACHMENT A – FILTER PREPARATION LOG

Date: 12-6-11 Test Number: C1
 Filter ID: C1207 Balance ID: SC-04


Date & Time	Filter Weight (g)	Weight Difference (g)	Total Drying Time (hours)	Oven Temp. (°F)	Room Temp. (°F)	Room Humid. (%)	Initials
12-6-11 08:40	N/A	N/A	0	206	70	27	SSM
12-7-11 08:56	178.36	N/A	24	184	69	21	SSM
12-7-11 11:01	178.37	0.01	26	188	69	21	SSM
12-7-11 13:16	178.39	0.02	29	175	69	21	SSM


Comments: _____

NOTE: A copy of this page should be used for each filter bag. The Test Coordinator should sign this document when the corresponding filter has been fully processed per the instructions in Appendix I – Filter Preparation Checklist.

Test Coordinator: JEFF POSKA Date 12/7/11
 Print  Signature

BWROG Report – GEH Class I

	BWROG ECCS Strainer Bypass Test Report		
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ATTACHMENT A - FILTER PREPARATION LOG

Date: 12-6-11 Test Number: C1
 Filter ID: C1208 Balance ID: SC-04


Date & Time	Filter Weight (g)	Weight Difference (g)	Total Drying Time (hours)	Oven Temp. (°F)	Room Temp. (°F)	Room Humid. (%)	Initials
12-6-11 08:46	N/A	N/A	0	206	70	27	SSM
12-7-11 08:38	188.30	N/A	24	184	69	21	SSM
12-7-11 11:02	188.30	0.02	26	188	69	21	SSM
12-7-11 13:17	188.36	0.06	29	175	69	21	SSM


Comments: _____

NOTE: A copy of this page should be used for each filter bag. The Test Coordinator should sign this document when the corresponding filter has been fully processed per the instructions in Appendix I – Filter Preparation Checklist.

Test Coordinator JEFF POSKA  Date 12/7/11
 Print Signature

BWROG Report – GEH Class I

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ATTACHMENT A – FILTER PREPARATION LOG

Date: 12-6-11 Test Number: 21
 Filter ID: C1209 Balance ID: SC-04

Date & Time	Filter Weight (g)	Weight Difference (g)	Total Drying Time (hours)	Oven Temp. (°F)	Room Temp. (°F)	Room Humid. (%)	Initials
12-6-11 08:40	N/A	N/A	0	206	70	27	SSM
12-7-11 08:58	183.38	N/A	24	184	69	21	SSM
12-7-11 11:04	183.38	0.00	26	188	69	21	SSM
12-7-11 18:20	183.46	0.08	29	175	69	21	SSM


Comments: _____


NOTE: A copy of this page should be used for each filter bag. The Test Coordinator should sign this document when the corresponding filter has been fully processed per the instructions in Appendix I – Filter Preparation Checklist.

Test Coordinator JEFF POSKA  Date 12/7/11
 Print Signature

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BWROG Report – GEH Class I

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ATTACHMENT A – FILTER PREPARATION LOG

Date: 12-6-11 Test Number: C1
 Filter ID: C121D Balance ID: SC-09


Date & Time	Filter Weight (g)	Weight Difference (g)	Total Drying Time (hours)	Oven Temp. (°F)	Room Temp. (°F)	Room Humid. (K)	Initials
12-6-11 08:40	N/A	N/A	0	206	70	27	SSM
12-7-11 09:02	187.45	N/A	24	184	69	21	SSM
12-7-11 11:06	187.48	0.03	26	188	69	21	SSM
12-7-11 13:21	187.49	0.01	28	175	69	21	SSM


Comments: _____

NOTE: A copy of this page should be used for each filter bag. The Test Coordinator should sign this document when the corresponding filter has been fully processed per the instructions in Appendix I – Filter Preparation Checklist.

Test Coordinator JEFF POSKA  Date 12/7/11
 Print Signature

BWROG Report – GEH Class I

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ATTACHMENT A – FILTER PREPARATION LOG

Date: 12-6-11 Test Number: C1
 Filter ID: C1211 Balance ID: SC-04


Date & Time	Filter Weight (g)	Weight Difference (g)	Total Drying Time (hours)	Oven Temp. (°F)	Room Temp. (°F)	Room Humid. (%)	Initials
12-6-11 08:50	N/A	N/A	0	205	69	28	SSM
12-6-11 08:07	187.56	N/A	24	188	69	21	SSM
12-7-11 11:10	187.59	0.03	26	190	69	21	SSM
12-7-11 13:29	187.54	0.05	29	179	69	21	SSM


Comments: _____

NOTE: A copy of this page should be used for each filter bag. The Test Coordinator should sign this document when the corresponding filter has been fully processed per the instructions in Appendix I – Filter Preparation Checklist.

Test Coordinator JEFF POSKA  Date 12/7/11
 Print Signature

BWROG Report – GEH Class I

	BWROG ECCS Strainer Bypass Test Report		
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ATTACHMENT A – FILTER PREPARATION LOG

Date: 12-6-11 Test Number: C1
 Filter ID: C1212 Balance ID: SC-04


Date & Time	Filter Weight (g)	Weight Difference (g)	Total Drying Time (hours)	Oven Temp. (°F)	Room Temp. (°F)	Room Humid. (%)	Initials
12-6-11 08:50	N/A	N/A	0	205	69	28	SSM
12-7-11 09:08	187.94	N/A	24	188	69	21	SSM
12-7-11 11:11	187.96	0.02	26	190	69	21	SSM
12-7-11 13:30	187.96	0.00	29	179	69	21	SSM


Comments: _____

NOTE: A copy of this page should be used for each filter bag. The Test Coordinator should sign this document when the corresponding filter has been fully processed per the instructions in Appendix I – Filter Preparation Checklist.

Test Coordinator JEFF POSKA  Date 12/7/11
 Print Signature

BWROG Report – GEH Class I

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ATTACHMENT A – FILTER PREPARATION LOG

Date: 12-6-11 Test Number: C1
 Filter ID: C1213 Balance ID: SC-04


Date & Time	Filter Weight (g)	Weight Difference (g)	Total Drying Time (hours)	Oven Temp. (°F)	Room Temp. (°F)	Room Humid. (%)	Initials
12-6-11 08:50	N/A	N/A	0	205	69	28	SSM
12-7-11 09:10	184.00	N/A	24	188	69	21	SSM
12-7-11 11:13	183.97	0.03	27	190	69	21	SSM
12-7-11 13:32	183.98	0.01	29	179	69	21	SSM


Comments: _____

NOTE: A copy of this page should be used for each filter bag. The Test Coordinator should sign this document when the corresponding filter has been fully processed per the instructions in Appendix 1 – Filter Preparation Checklist.

Test Coordinator JEFF POSKA  Date 12/7/11
Print Signature

BWROG Report – GEH Class I

	BWROG ECCS Strainer Bypass Test Report		
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ATTACHMENT A – FILTER PREPARATION LOG

Date: 12-6-11 Test Number: C1
 Filter ID: C1214 Balance ID: SC-04


Date & Time	Filter Weight (g)	Weight Difference (g)	Total Drying Time (hours)	Oven Temp. (°F)	Room Temp. (°F)	Room Humid. (%)	Initials
12-6-11 08:50	N/A	N/A	0	205	69	28	SSM
12-7-11 09:12	181.89	N/A	24	188	69	21	SSM
12-7-11 11:14	181.89	0.00	26	190	69	21	SSM
12-7-11 13:34	181.94	0.05	29	179	69	21	SSM


Comments: _____

NOTE: A copy of this page should be used for each filter bag. The Test Coordinator should sign this document when the corresponding filter has been fully processed per the instructions in Appendix I – Filter Preparation Checklist.

Test Coordinator JEFF POSKA  Date 12/7/11
 Print Signature

BWROG Report – GEH Class I

	BWROG ECCS Strainer Bypass Test Report		
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ATTACHMENT A - FILTER PREPARATION LOG

Date: 12-6-11 Test Number: C1
 Filter ID: C1215 Balance ID: SC-04

Date & Time	Filter Weight (g)	Weight Difference (g)	Total Drying Time (hours)	Oven Temp. (°F)	Room Temp. (°F)	Room Humid. (%)	Initials
12-6-11 08:50	N/A	N/A	0	205	69	28	SSM
12-7-11 09:14	189.05	N/A	24	188	69	21	SSM
12-7-11 11:15	189.07	0.02	26	190	69	21	SSM
12-7-11 13:35	189.06	0.01	29	179	69	21	SSM


Comments: _____


NOTE: A copy of this page should be used for each filter bag. The Test Coordinator should sign this document when the corresponding filter has been fully processed per the instructions in Appendix I - Filter Preparation Checklist.

Test Coordinator JEFF PUSKA  Date 12/7/11
 Print Signature

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BWROG Report – GEH Class I

	BWROG ECCS Strainer Bypass Test Report		
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ATTACHMENT A – FILTER PREPARATION LOG

Date: 12-6-11 Test Number: C1
 Filter ID: C1216 Balance ID: SC-04


Date & Time	Filter Weight (g)	Weight Difference (g)	Total Drying Time (hours)	Oven Temp. (°F)	Room Temp. (°F)	Room Humid. (%)	Initials
12-6-11 08:50	N/A	N/A	0	205	69	28	SSM
12-7-11 09:15	178.31	N/A	24	188	69	21	SSM
12-7-11 11:18	178.33	0.02	26	190	69	21	SSM
12-7-11 18:37	178.34	0.01	29	179	69	21	SSM


Comments: _____

NOTE: A copy of this page should be used for each filter bag. The Test Coordinator should sign this document when the corresponding filter has been fully processed per the instructions in Appendix I – Filter Preparation Checklist.

Test Coordinator JEFF POSKA Date 12/7/11
 Print  Signature

BWROG Report – GEH Class I

	BWROG ECCS Strainer Bypass Test Report		
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ATTACHMENT A – FILTER PREPARATION LOG

Date: 12-6-11 Test Number: C1
 Filter ID: C1217 Balance ID: SC-04


Date & Time	Filter Weight (g)	Weight Difference (g)	Total Drying Time (hours)	Oven Temp. (°F)	Room Temp. (°F)	Room Humid. (%)	Initials
12-6-11 08:30	N/A	N/A	0	205	69	28	SSM
12-7-11 09:17	189.09	N/A	24	188	69	21	SSM
12-7-11 11:19	189.12	0.03	26	190	69	21	SSM
12-7-11 13:39	189.12	0.00	29	179	69	21	SSM


Comments: _____

NOTE: A copy of this page should be used for each filter bag. The Test Coordinator should sign this document when the corresponding filter has been fully processed per the instructions in Appendix I – Filter Preparation Checklist.

Test Coordinator JEFF MOSKA  Date 01/7/11
 Print Signature

BWROG Report – GEH Class I

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ATTACHMENT A – FILTER PREPARATION LOG

Date: 12-6-11 Test Number: C1
 Filter ID: C1218 Balance ID: SC-04


Date & Time	Filter Weight (g)	Weight Difference (g)	Total Drying Time (hours)	Oven Temp. (°F)	Room Temp. (°F)	Room Humid. (%)	Initials
12-6-11 08:40	N/A	N/A	0	205	69	28	SSM
12-7-11 09:19	186.54	N/A	24	188	69	21	SSM
12-7-11 11:20	186.49	0.05	26	190	69	21	SSM
12-7-11 13:41	186.50	0.01	29	179	69	21	SSM


Comments: _____

NOTE: A copy of this page should be used for each filter bag. The Test Coordinator should sign this document when the corresponding filter has been fully processed per the instructions in Appendix I – Filter Preparation Checklist.

Test Coordinator JEFF MUSKA  Date 12/7/11
 Print Signature

BWROG Report – GEH Class I

	BWROG ECCS Strainer Bypass Test Report		
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ATTACHMENT A – FILTER PREPARATION LOG

Date: 12-6-11 Test Number: C1
 Filter ID: C1219 Balance ID: SC-04


Date & Time	Filter Weight (g)	Weight Difference (g)	Total Drying Time (hours)	Oven Temp. (°F)	Room Temp. (°F)	Room Humid. (%)	Initials
12-6-11 09:00	N/A	N/A	0	204	69	28	SSM
12-7-11 09:22	184.52	N/A	24	186	70	21	SSM
12-7-11 11:25	189.44	0.08	26	180	69	21	SSM
12-7-11 13:44	184.46	0.02	29	173	68	21	SSM


Comments: _____

NOTE: A copy of this page should be used for each filter bag. The Test Coordinator should sign this document when the corresponding filter has been fully processed per the instructions in Appendix 1 – Filter Preparation Checklist.

Test Coordinator JEFF POSKA  Date 12/7/11
 Print Signature

BWROG Report – GEH Class I

	BWROG ECCS Strainer Bypass Test Report		
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ATTACHMENT A – FILTER PREPARATION LOG

Date: 12-6-11 Test Number: C1
 Filter ID: C1220 Balance ID: SC-04


Date & Time	Filter Weight (g)	Weight Difference (g)	Total Drying Time (hours)	Oven Temp. (°F)	Room Temp. (°F)	Room Humid. (%)	Initials
12-6-11 09:00	N/A	N/A	0	204	69	28	SSM
12-7-11 09:23	187.04	N/A	24	186	70	21	SSM
12-7-11 11:29	187.05	0.01	26	180	69	21	SSM
12-7-11 13:46	187.07	0.02	29	172	68	21	SSM


Comments: _____

NOTE: A copy of this page should be used for each filter bag. The Test Coordinator should sign this document when the corresponding filter has been fully processed per the instructions in Appendix I – Filter Preparation Checklist.

Test Coordinator JEFF PUSKA  Date 12/7/11
 Print Signature

BWROG Report – GEH Class I

	BWROG ECCS Strainer Bypass Test Report		
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	Filter Bag Preparation and Processing Procedure		
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ATTACHMENT A – FILTER PREPARATION LOG

Date: 12-6-11 Test Number: C1
 Filter ID: C1221 Balance ID: SC-09


Date & Time	Filter Weight (g)	Weight Difference (g)	Total Drying Time (hours)	Oven Temp. (°F)	Room Temp. (°F)	Room Humid. (%)	Initials
12-6-11 09:00	N/A	N/A	0	204	69	28	EGM
12-7-11 09:34	193.52	N/A	24	186	70	21	SSM
12-7-11 11:28	193.78	0.04	26	180	69	21	SSM
12-7-11 13:47	193.49	0.01	29	172	68	21	SSM


Comments: _____

NOTE: A copy of this page should be used for each filter bag. The Test Coordinator should sign this document when the corresponding filter has been fully processed per the instructions in Appendix I – Filter Preparation Checklist.

Test Coordinator JEFF POSKA  Date 11/7/11
 Print Signature

BWROG Report – GEH Class I

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ATTACHMENT A – FILTER PREPARATION LOG

Date: 12-6-11 Test Number: C1
 Filter ID: C1232 Balance ID: 5C-04


Date & Time	Filter Weight (g)	Weight Difference (g)	Total Drying Time (Hours)	Oven Temp. (°F)	Room Temp. (°F)	Room Humid. (%)	Initials
12-6-11 09:00	N/A	N/A	0	204	69	28	SSM
12-7-11 09:25	182.99	N/A	24	186	70	21	SSM
12-7-11 11:31	183.01	0.02	27	180	69	21	SSM
12-7-11 13:49	183.04	0.03	29	172	68	21	SSM


Comments: _____

NOTE: A copy of this page should be used for each filter bag. The Test Coordinator should sign this document when the corresponding filter has been fully processed per the instructions in Appendix I – Filter Preparation Checklist.

Test Coordinator JEFF POSKA  Date 01/7/11
 Print Signature

BWROG Report – GEH Class I

	BWROG ECCS Strainer Bypass Test Report		
	Document No: BWROG-ECCS-TA13-004	Revision: I	Page: L-24 of L-219

	Filter Bag Preparation and Processing Procedure		
	Document No: ALION-SPP-LAB-2352-70	Revision: I	Page: A1 of A1

ATTACHMENT A - FILTER PREPARATION LOG


Date: 12-6-11 Test Number: C1
 Filter ID: C12.23 Balance ID: SC091


Date & Time	Filter Weight (g)	Weight Difference (g)	Total Drying Time (hours)	Oven Temp. (°F)	Room Temp. (°F)	Room Humid. (%)	Initials
12-6-11 09:00	N/A	N/A	0	204	69	28	SSM
12-7-11 09:27	180.15	N/A	24	186	70	21	SSM
12-7-11 11:27	180.16	0.01	26	180	69	21	SSM
12-7-11 12:51	180.10	0.06	29	172	68	21	SSM

Comments: _____

NOTE: A copy of this page should be used for each filter bag. The Test Coordinator should sign this document when the corresponding filter has been fully processed per the instructions in Appendix I – Filter Preparation Checklist.

Test Coordinator JEFF POSKA Date 12/7/11
 Print  Signature

	BWROG ECCS Strainer Bypass Test Report		
	Document No: BWROG-ECCS-TA13-004	Revision: I	Page: L-25 of L-219

	Filter Bag Preparation and Processing Procedure		
	Document No: ALION-SPP-LAB-2352-70	Revision: I	Page: A1 of A1

ATTACHMENT A – FILTER PREPARATION LOG

Date: 12-6-11 Test Number: C1
 Filter ID: C1224 Balance ID: SC-04


Date & Time	Filter Weight (g)	Weight Difference (g)	Total Drying Time (hours)	Oven Temp. (°F)	Room Temp. (°F)	Room Humid. (%)	Initials
12-6-11 09:00	N/A	N/A	0	204	69	28	SSM
12-7-11 09:28	171.37	N/A	24	186	70	21	SSM
12-7-11 11:23	171.35	0.01	27	180	69	21	SSM
12-7-11 13:53	171.39	0.04	29	172	68	21	SSM


Comments: _____

NOTE: A copy of this page should be used for each filter bag. The Test Coordinator should sign this document when the corresponding filter has been fully processed per the instructions in Appendix I – Filter Preparation Checklist.

Test Coordinator JEFF POSKA  Date 12/7/11
Print Signature

BWROG Report – GEH Class I

	BWROG ECCS Strainer Bypass Test Report		
	Document No: BWROG-ECCS-TA13-004	Revision: I	Page: L-26 of L-219

	Filter Bag Preparation and Processing Procedure		
	Document No: ALION-SFP-LAB-2352-70	Revision: I	Page: A1 of A1


ATTACHMENT A – FILTER PREPARATION LOG

Date: 12-6-11 Test Number: C1
 Filter ID: C1225 Balance ID: SC-01


Date & Time	Filter Weight (g)	Weight Difference (g)	Total Drying Time (hours)	Oven Temp. (°F)	Room Temp. (°F)	Room Humid. (%)	Initials
12-6-11 09:00	N/A	N/A	0	204	69	28	SSM
12-7-11 09:29	191.64	N/A	24	186	70	21	SSM
12-7-11 11:34	191.63	0.01	27	180	69	21	SSM
12-7-11 13:55	191.66	0.03	29	172	68	21	SSM


Comments: _____

NOTE: A copy of this page should be used for each filter bag. The Test Coordinator should sign this document when the corresponding filter has been fully processed per the instructions in Appendix I – Filter Preparation Checklist.

Test Coordinator JEFF POSKA  Date 12/7/11
 Print Signature

BWROG Report – GEH Class I

	BWROG ECCS Strainer Bypass Test Report		
	Document No: BWROG-ECCS-TA13-004	Revision: 1	Page: L-27 of L-219

	Filter Bag Preparation and Processing Procedure		
	Document No: ALION-SPP-LAB-2352-70	Revision: 1	Page: A1 of A1

ATTACHMENT A – FILTER PREPARATION LOG


Date: 12-6-11 Test Number: C1
 Filter ID: C1226 Balance ID: SC-09


Date & Time	Filter Weight (g)	Weight Difference (g)	Total Drying Time (hours)	Oven Temp. (°F)	Room Temp. (°F)	Room Humid. (%)	Initials
12-6-11 08:00	N/A	N/A	0	204	69	28	SSM
12-7-11 08:20	189.06	N/A	24	186	70	21	SSM
12-7-11 11:36	189.07	0.01	27	180	69	21	SSM
12-7-11 13:56	189.00	0.07	29	172	68	21	SSM

Comments: _____

NOTE: A copy of this page should be used for each filter bag. The Test Coordinator should sign this document when the corresponding filter has been fully processed per the instructions in Appendix I – Filter Preparation Checklist.

Test Coordinator JEFF POSKA  Date 12/7/11
Print Signature

	BWROG ECCS Strainer Bypass Test Report		
	Document No: BWROG-ECCS-TA13-004	Revision: I	Page: L-28 of L-219

	Filter Bag Preparation and Processing Procedure		
	Document No: ALION-SPP-LAB-2352-70	Revision: I	Page: A1 of A1

ATTACHMENT A – FILTER PREPARATION LOG

Date: 12-12-11 Test Number: C1
 Filter ID: C1222 Balance ID: SC-04


Date & Time	Filter Weight (g)	Weight Difference (g)	Total Drying Time (hours)	Oven Temp. (°F)	Room Temp. (°F)	Room Humid. (%)	Initials
12-12-11 09:12	N/A	N/A	0	200	76	18	SSM
12-13-11 09:34	186.34	N/A	24	168	70	24	SSM
12-13-11 11:38	186.35	0.01	26	173	70	25	SSM
12-13-11 14:08	186.40	0.05	29	169	70	26	SSM


Comments: _____

NOTE: A copy of this page should be used for each filter bag. The Test Coordinator should sign this document when the corresponding filter has been fully processed per the instructions in Appendix I – Filter Preparation Checklist.

Test Coordinator JEFF PUSKA  Date 12/17/11
 Print Signature

BWROG Report – GEH Class I

	BWROG ECCS Strainer Bypass Test Report		
	Document No: BWROG-ECCS-TA13-004	Revision: I	Page: L-29 of L-219

	Filter Bag Preparation and Processing Procedure		
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ATTACHMENT A – FILTER PREPARATION LOG

Date: 12-12-11 Test Number: C1
 Filter ID: C1228 Balance ID: SC-04


Date & Time	Filter Weight (g)	Weight Difference (g)	Total Drying Time (hours)	Oven Temp. (°F)	Room Temp. (°F)	Room Humid. (%)	Initials
12-12-11 09:12	N/A	N/A	0	200	76	18	SSM
SSM 12-12-11 09:36	198.76	N/A	24	168	70	24	SSM
12-13-11 11:40	198.82	0.06	26	173	70	25	SSM
12-13-11 14:10	198.77	0.05	29	169	70	26	SSM


Comments: _____

NOTE: A copy of this page should be used for each filter bag. The Test Coordinator should sign this document when the corresponding filter has been fully processed per the instructions in Appendix I – Filter Preparation Checklist.

Test Coordinator JEFF POSKA  Date 12/12/11
Print Signature

BWROG Report – GEH Class I

	BWROG ECCS Strainer Bypass Test Report		
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	Filter Bag Preparation and Processing Procedure		
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ATTACHMENT A – FILTER PREPARATION LOG


Date: 12-12-11 Test Number: C1
 Filter ID: C1239 Balance ID: SC-04


Date & Time	Filter Weight (g)	Weight Difference (g)	Total Drying Time (hours)	Oven Temp. (°F)	Room Temp. (°F)	Room Humid. (%)	Initials
12-12-11 09:12	N/A	N/A	0	200	76	18	SSM
12-12-11 09:37	183.64	N/A	24	168	70	24	SSM
12-12-11 11:41	183.66	0.02	26	173	70	25	SSM
12-12-11 14:11	183.65	0.01	29	169	70	26	SSM

Comments: _____

NOTE: A copy of this page should be used for each filter bag. The Test Coordinator should sign this document when the corresponding filter has been fully processed per the instructions in Appendix I – Filter Preparation Checklist.

Test Coordinator JEFF HOSKA  Date 12/12/11
 Print Signature

	BWROG ECCS Strainer Bypass Test Report		
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ATTACHMENT A – FILTER PREPARATION LOG

Date: 12-12-11 Test Number: C1
 Filter ID: C1230 Balance ID: 6C-04


Date & Time	Filter Weight (g)	Weight Difference (g)	Total Drying Time (hours)	Oven Temp. (°F)	Room Temp. (°F)	Room Humid. (%)	Initials
12-12-11 9:12	NA	NA	0	200	76	18	SSM
12-12-11 09:38	183.18	NA	24	168	70	24	SSM
12-12-11 11:43	183.12	0.06	27	173	70	25	SSM
12-12-11 14:12	183.19	0.07	29	169	70	26	SSM


Comments: _____

NOTE: A copy of this page should be used for each filter bag. The Test Coordinator should sign this document when the corresponding filter has been fully processed per the instructions in Appendix I – Filter Preparation Checklist.

Test Coordinator JEFF POSKA  Date 12-12-11
 Print Signature

BWROG Report – GEH Class I

	BWROG ECCS Strainer Bypass Test Report		
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	Filter Bag Preparation and Processing Procedure		
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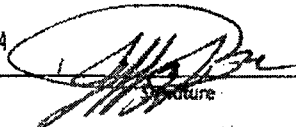
ATTACHMENT A – FILTER PREPARATION LOG


Date: 12-12-11 Test Number: C1
 Filter ID: C1231 Balance ID: SC04


Date & Time	Filter Weight (g)	Weight Difference (g)	Total Drying Time (hours)	Oven Temp. (°F)	Room Temp. (°F)	Room Humid. (%)	Initials
12-12-11 09:13	N/A	N/A	0	200	76	18	SSM
12-12-11 09:40	200.99	N/A	24	168	70	24	SSM
12-12-11 11:44	200.96	0.03	27	173	70	25	SSM
12-12-11 14:13	200.94	0.02	29	169	70	26	SSM

Comments: _____

NOTE: A copy of this page should be used for each filter bag. The Test Coordinator should sign this document when the corresponding filter has been fully processed per the instructions in Appendix I – Filter Preparation Checklist.

Test Coordinator JEFF POSKA  Date 12/13/11
 Print: _____ Signature: _____

	BWROG ECCS Strainer Bypass Test Report		
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ATTACHMENT A – FILTER PREPARATION LOG

Date: 12-12-11 Test Number: CI
 Filter ID: C1282 Balance ID: SC-04


Date & Time	Filter Weight (g)	Weight Difference (g)	Total Drying Time (hours)	Oven Temp. (°F)	Room Temp. (°F)	Room Humid. (%)	Initials
12-12-11 09:12	N/A	N/A	0	200	76	18	SSM
12-12-11 09:41	187.98	N/A	24	168	70	24	SSM
12-12-11 10:46	188.00	0.02	27	173	70	25	SSM
12-12-11 14:16	188.05	0.05	29	169	70	26	SSM


Comments: _____

NOTE: A copy of this page should be used for each filter bag. The Test Coordinator should sign this document when the corresponding filter has been fully processed per the instructions in Appendix I – Filter Preparation Checklist.

Test Coordinator JEFF POSKA  Date 12/13/11
 Print: _____ Signature: _____

BWROG Report – GEH Class I

	BWROG ECCS Strainer Bypass Test Report		
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	Filter Bag Preparation and Processing Procedure		
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ATTACHMENT A – FILTER PREPARATION LOG

Date: 12-12-11 Test Number: C1
 Filter ID: C12323 ^{SSM} ₁₂₋₁₂₋₁₁ Balance ID: 5C04


Date & Time	Filter Weight (g)	Weight Difference (g)	Total Drying Time (hours)	Oven Temp. (°F)	Room Temp. (°F)	Room Humid. (%)	Initials
12-12-11 09:13	N/A	N/A	0	200	76	18	SSM
12-12-11 09:44	186.12	N/A	25	180	70	24	SSM
12-12-11 11:48	186.17	0.05	27	173	70	25	SSM
12-12-11 14:18	186.14	0.03	29	169	70	26	SSM


Comments: _____

NOTE: A copy of this page should be used for each filter bag. The Test Coordinator should sign this document when the corresponding filter has been fully processed per the instructions in Appendix I – Filter Preparation Checklist.

Test Coordinator JEFF POSKA  Date 12/13/11
 Print Signature

BWROG Report – GEH Class I

	BWROG ECCS Strainer Bypass Test Report		
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	Filter Bag Preparation and Processing Procedure		
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ATTACHMENT A - FILTER PREPARATION LOG

Date: 12-12-11 Test Number: C1
 Filter ID: C1234 Balance ID: SC-04


Date & Time	Filter Weight (g)	Weight Difference (g)	Total Drying Time (hours)	Oven Temp. (°F)	Room Temp. (°F)	Room Humid. (%)	Initials
12-12-11 09:12	N/A	N/A	0	200	76	18	SSM
12-12-11 09:46	188.62	N/A	25	168	70	24	SSM
12-12-11 11:49	188.62	0.00	27	173	70	25	SSM
12-12-11 14:19	188.60	0.02	29	169	70	26	SSM


Comments: _____

NOTE: A copy of this page should be used for each filter bag. The Test Coordinator should sign this document when the corresponding filter has been fully processed per the instructions in Appendix I – Filter Preparation Checklist.

Test Coordinator JEFF POSKA  Date 12/13/11
Print Signature

BWROG Report – GEH Class I

	BWROG ECCS Strainer Bypass Test Report		
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	Filter Bag Preparation and Processing Procedure		
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ATTACHMENT A – FILTER PREPARATION LOG


Date: 12-12-11 Test Number: C1
 Filter ID: C1235 Balance ID: SC-04


Date & Time	Filter Weight (g)	Weight Difference (g)	Total Drying Time (hours)	Oven Temp. (°F)	Room Temp. (°F)	Room Humid. (%)	Initials
12-12-11 09:12	N/A	N/A	0	200	76	18	SSM
12-12-11 09:48	182.75	N/A	25	168	70	24	SSM
12-12-11 11:50	182.74	0.01	27	173	70	25	SSM
12-12-11 14:20	182.79	0.05	29	169	70	26	SSM

Comments: _____

NOTE: A copy of this page should be used for each filter bag. The Test Coordinator should sign this document when the corresponding filter has been fully processed per the instructions in Appendix I – Filter Preparation Checklist.

Test Coordinator JEFF POSKA  Date 12/13/11
Print Signature

	BWROG ECCS Strainer Bypass Test Report		
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	Filter Bag Preparation and Processing Procedure		
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ATTACHMENT A – FILTER PREPARATION LOG

Date: 12-12-11 Test Number: C1
 Filter ID: C1236 Balance ID: SC04


Date & Time	Filter Weight (g)	Weight Difference (g)	Total Drying Time (hours)	Oven Temp. (°F)	Room Temp. (°F)	Room Humid. (%)	Initials
12-12-11 09:12	N/A	N/A	0	200	76	18	SSM
12-12-11 09:49	195.47	N/A	25	160	70	24	SSM
12-12-11 11:52	195.42	0.05	27	173	70	25	SSM
12-12-11 14:22	195.46	0.04	29	169	70	26	SSM


Comments: _____

NOTE: A copy of this page should be used for each filter bag. The Test Coordinator should sign this document when the corresponding filter has been fully processed per the instructions in Appendix I – Filter Preparation Checklist.

Test Coordinator JEFF POSKA  Date 12/12/11
Print Signature

BWROG Report – GEH Class I

	BWROG ECCS Strainer Bypass Test Report		
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	Filter Bag Preparation and Processing Procedure		
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ATTACHMENT A – FILTER PREPARATION LOG


Date: 12-12-11 Test Number: C1
 Filter ID: C1237 Balance ID: SC-04


Date & Time	Filter Weight (g)	Weight Difference (g)	Total Drying Time (hours)	Oven Temp. (°F)	Room Temp. (°F)	Room Humid. (%)	Initials
12-12-11 09:32	N/A	N/A	0	198	71	20	SGM
12-13-11 09:53	194.84	N/A	24	170	70	24	SSM
12-13-11 11:57	194.85	0.01	26	175	70	25	SSM
12-13-11 14:26	194.80	0.05	29	177	70	25	SSM

Comments: _____

NOTE: A copy of this page should be used for each filter bag. The Test Coordinator should sign this document when the corresponding filter has been fully processed per the instructions in Appendix I – Filter Preparation Checklist.

Test Coordinator JEFF POSKA  Date 12/17/11
 Print Signature

	BWROG ECCS Strainer Bypass Test Report		
	Document No: BWROG-ECCS-TA13-004	Revision: I	Page: L-39 of L-219

	Filter Bag Preparation and Processing Procedure		
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ATTACHMENT A – FILTER PREPARATION LOG


Date: 12-13-11 Test Number: C1
 Filter ID: C1238 Balance ID: SC04


Date & Time	Filter Weight (g)	Weight Difference (g)	Total Drying Time (hours)	Oven Temp. (°F)	Room Temp. (°F)	Room Humid. (%)	Initials
12-12-11 09:32	N/A	N/A	0	188	71	20	SSM
12-13-11 09:57	185.94	N/A	24	170	70	24	SSM
12-13-11 11:58	185.96	0.02	26	175	70	25	SSM
12-13-11 11:27	185.98	0.02	29	177	70	25	SSM

Comments: _____

NOTE: A copy of this page should be used for each filter bag. The Test Coordinator should sign this document when the corresponding filter has been fully processed per the instructions in Appendix I – Filter Preparation Checklist.

Test Coordinator JEFF POSKA  Date 12/13/11
 Print Signature

	BWROG ECCS Strainer Bypass Test Report		
	Document No: BWROG-ECCS-TA13-004	Revision: I	Page: L-40 of L-219

	Filter Bag Preparation and Processing Procedure		
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ATTACHMENT A – FILTER PREPARATION LOG


Date: 12-12-11 Test Number: C1
 Filter ID: C1239 Balance ID: SC01


Date & Time	Filter Weight (g)	Weight Difference (g)	Total Drying Time (hours)	Oven Temp. (°F)	Room Temp. (°F)	Room Humid. (%)	Initials
12-12-11 09:37	N/A	N/A	0	198	71	20	SSM
12-12-11 09:58	185.53	N/A	24	170	70	24	SSM
12-12-11 11:59	185.58	0.03	26	175	70	25	SSM
12-12-11 14:29	185.55	0.03	29	177	70	25	SSM

Comments: _____

NOTE: A copy of this page should be used for each filter bag. The Test Coordinator should sign this document when the corresponding filter has been fully processed per the instructions in Appendix I – Filter Preparation Checklist.

Test Coordinator JEFF POSKA  Date 12/13/11
 Print Signature

	BWROG ECCS Strainer Bypass Test Report		
	Document No: BWROG-ECCS-TA13-004	Revision: I	Page: L-41 of L-219

	Filter Bag Preparation and Processing Procedure		
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ATTACHMENT A – FILTER PREPARATION LOG


Date: 12-12-11 Test Number: C1
 Filter ID: C1240 Balance ID: SC04


Date & Time	Filter Weight (g)	Weight Difference (g)	Total Drying Time (hours)	Oven Temp. (°F)	Room Temp. (°F)	Room Humid. (%)	Initials
12-12-11 09:30	N/A	N/A	0	198	71	20	SSM
12-13-11 10:00	180.98	N/A	24	170	70	24	SSM
12-13-11 12:00	180.94	0.04	26	175	70	25	SSM
12-18-11 14:30	180.95	0.01	29	177	70	25	SSM

Comments: _____

NOTE: A copy of this page should be used for each filter bag. The Test Coordinator should sign this document when the corresponding filter has been fully processed per the instructions in Appendix I – Filter Preparation Checklist.

Test Coordinator JEFF POSKA  Date 12/13/11
 Print Signature

	BWROG ECCS Strainer Bypass Test Report		
	Document No: BWROG-ECCS-TA13-004	Revision: I	Page: L-42 of L-219

	Filter Bag Preparation and Processing Procedure		
	Document No: ALION-SPP-LAB-2352-70	Revision: I	Page: A1 of A1

ATTACHMENT A – FILTER PREPARATION LOG

Date: 12-12-11 Test Number: C1
 Filter ID: C1241 Balance ID: SC-04


Date & Time	Filter Weight (g)	Weight Difference (g)	Total Drying Time (hours)	Oven Temp. (°F)	Room Temp. (°F)	Room Humid. (%)	Initials
12-12-11 09:33	N/A	N/A	0	198	71	20	SSM
12-12-11 10:01	195.28	N/A	24	170	70	24	SSM
12-12-11 12:03	195.28	0.00	27	175	70	25	SSM
12-12-11 14:31	195.27	0.01	29	177	70	25	SSM


Comments: _____

NOTE: A copy of this page should be used for each filter bag. The Test Coordinator should sign this document when the corresponding filter has been fully processed per the instructions in Appendix I – Filter Preparation Checklist.

Test Coordinator JEFF POSKA  Date 12/13/11
Print Signature

BWROG Report – GEH Class I

	BWROG ECCS Strainer Bypass Test Report		
	Document No: BWROG-ECCS-TA13-004	Revision: 1	Page: L-43 of L-219

	Filter Bag Preparation and Processing Procedure		
	Document No: ALION-SPP-LAB-2352-70	Revision: 1	Page: A1 of A1

ATTACHMENT A – FILTER PREPARATION LOG

Date: 12-12-11 Test Number: C1
 Filter ID: C1242 Balance ID: SC-04


Date & Time	Filter Weight (g)	Weight Difference (g)	Total Drying Time (hours)	Oven Temp. (°F)	Room Temp. (°F)	Room Humid. (%)	Initials
12-12-11 09:33	N/A	N/A	0	198	71	20	SSM
12-13-11 10:03	198.26	N/A	25	170	70	24	SSM
12-13-11 12:01	195.30	0.04	27	175	70	25	SSM
12-13-11 14:32	195.28	0.02	29	177	70	25	SSM


Comments: _____

NOTE: A copy of this page should be used for each filter bag. The Test Coordinator should sign this document when the corresponding filter has been fully processed per the instructions in Appendix I – Filter Preparation Checklist.

Test Coordinator JEFF POSKA  Date 12/13/11
Print Signature

BWROG Report – GEH Class I

	BWROG ECCS Strainer Bypass Test Report		
	Document No: BWROG-ECCS-TA13-004	Revision: I	Page: L-44 of L-219

	Filter Bag Preparation and Processing Procedure		
	Document No: ALION-SPP-LAB-2352-70	Revision: I	Page: A1 of A1

ATTACHMENT A – FILTER PREPARATION LOG


Date: 12-12-11 Test Number: C1
 Filter ID: C1243 Balance ID: SC04


Date & Time	Filter Weight (g)	Weight Difference (g)	Total Drying Time (hours)	Oven Temp. (°F)	Room Temp. (°F)	Room Humid. (%)	Initials
12-12-11 09:22	N/A	N/A	0	198	71	20	SSM
12-12-11 10:05	184.30	N/A	25	170	70	24	SSM
12-12-11 12:06	184.28	0.02	27	175	70	25	SSM
12-12-11 14:34	184.27	0.01	29	177	70	25	SSM

Comments: _____

NOTE: A copy of this page should be used for each filter bag. The Test Coordinator should sign this document when the corresponding filter has been fully processed per the instructions in Appendix I – Filter Preparation Checklist.

Test Coordinator JEFF POSKA  Date 12/13/11
Print Signature

	BWROG ECCS Strainer Bypass Test Report		
	Document No: BWROG-ECCS-TA13-004	Revision: I	Page: L-45 of L-219

	Filter Bag Preparation and Processing Procedure		
	Document No: ALION-SPP-LAB-2352-70	Revision: I	Page: AI of AI

ATTACHMENT A – FILTER PREPARATION LOG

Date: 12-12-11 Test Number: C1
 Filter ID: C1244 Balance ID: SC-04


Date & Time	Filter Weight (g)	Weight Difference (g)	Total Drying Time (hours)	Oven Temp. (°F)	Room Temp. (°F)	Room Humid. (%)	Initials
12-12-11 09:32	N/A	N/A	0	198	71	20	SSM
12-12-11 10:07	194.24	N/A	2.5	170	70	24	SSM
12-12-11 12:08	194.23	0.01	27	175	70	25	SSM
12-12-11 14:36	194.22	0.01	29	177	70	25	SSM


Comments: _____

NOTE: A copy of this page should be used for each filter bag. The Test Coordinator should sign this document when the corresponding filter has been fully processed per the instructions in Appendix I – Filter Preparation Checklist.

Test Coordinator JEFF POSKA  Date 12/13/11
 Print Signature

BWROG Report – GEH Class I

	BWROG ECCS Strainer Bypass Test Report		
	Document No: BWROG-ECCS-TA13-004	Revision: I	Page: L-46 of L-219

	Filter Bag Preparation and Processing Procedure		
	Document No: ALION-SPP-LAB-2352-70	Revision: I	Page: A1 of A1

ATTACHMENT A – FILTER PREPARATION LOG

Date: 12-12-11 Test Number: C1
 Filter ID: C1245 Balance ID: SC-04


Date & Time	Filter Weight (g)	Weight Difference (g)	Total Drying Time (hours)	Oven Temp. (°F)	Room Temp. (°F)	Room Humid. (%)	Initials
12-12-11 09:45	N/A	N/A	0	196	70	19	SSM
12-13-11 10:16	189.17	N/A	24	189	70	25	SSM
12-13-11 12:18	189.16	0.01	27	191	70	26	SSM
12-13-11 14:40	189.18	0.02	29	181	71	26	SSM


Comments: _____

NOTE: A copy of this page should be used for each filter bag. The Test Coordinator should sign this document when the corresponding filter has been fully processed per the instructions in Appendix I – Filter Preparation Checklist.

Test Coordinator JEFF POSKA  Date 12/13/11
 Print Signature

BWROG Report – GEH Class I

	BWROG ECCS Strainer Bypass Test Report		
	Document No: BWROG-ECCS-TA13-004	Revision: I	Page: L-47 of L-219

	Filter Bag Preparation and Processing Procedure		
	Document No: ALION-SPP-LAB-2352-70	Revision: I	Page: A1 of A1

ATTACHMENT A – FILTER PREPARATION LOG

Date: 12-12-11 Test Number: C1
 Filter ID: C1246 Balance ID: SC-04


Date & Time	Filter Weight (g)	Weight Difference (g)	Total Drying Time (hours)	Oven Temp. (°F)	Room Temp. (°F)	Room Humid. (%)	Initials
12-12-11 09:45	N/A	N/A	0	196	70	19	SSM
12-12-11 10:17	190.78	N/A	25	189	70	25	SSM
12-12-11 12:19	190.76	0.02	27	191	70	26	SSM
12-12-11 14:24	190.78	0.02	29	181	71	26	SSM


Comments: _____

NOTE: A copy of this page should be used for each filter bag. The Test Coordinator should sign this document when the corresponding filter has been fully processed per the instructions in Appendix I – Filter Preparation Checklist.

Test Coordinator JEFF POSKA  Date 12/13/11
 Print Signature

BWROG Report – GEH Class I

	BWROG ECCS Strainer Bypass Test Report		
	Document No: BWROG-ECCS-TA13-004	Revision: I	Page: L-48 of L-219

	Filter Bag Preparation and Processing Procedure		
	Document No: ALION-SPP-LAB-2352-70	Revision: I	Page: A1 of A1

ATTACHMENT A - FILTER PREPARATION LOG

Date: 12-12-11 Test Number: C1
 Filter ID: C1247 Balance ID: SCD4


Date & Time	Filter Weight (g)	Weight Difference (g)	Total Drying Time (hours)	Oven Temp. (°F)	Room Temp. (°F)	Room Humid. (%)	Initials
12-12-11 09:45	N/A	N/A	0	196	70	19	SSM
12-12-11 10:18	183.77	N/A	25	184	70	25	SSM
12-12-11 12:20	183.79	0.02	27	191	70	26	SSM
12-12-11 14:43	183.80	0.01	29	181	71	26	SSM


Comments: _____

NOTE: A copy of this page should be used for each filter bag. The Test Coordinator should sign this document when the corresponding filter has been fully processed per the instructions in Appendix I – Filter Preparation Checklist.

Test Coordinator JEFF POSKA  Date 12/13/11
 Print Signature

BWROG Report – GEH Class I

	BWROG ECCS Strainer Bypass Test Report		
	Document No: BWROG-ECCS-TA13-004	Revision: I	Page: L-49 of L-219

	Filter Bag Preparation and Processing Procedure		
	Document No: ALION-SPP-LAB-2352-70	Revision: I	Page: A1 of A1

ATTACHMENT A - FILTER PREPARATION LOG

Date: 12-13-11 Test Number: C1
 Filter ID: C1248 Balance ID: SC-D1


Date & Time	Filter Weight (g)	Weight Difference (g)	Total Drying Time (hours)	Oven Temp. (°F)	Room Temp. (°F)	Room Humid. (%)	Initials
12-12-11 09:45	N/A	N/A	0	196	70	19	SSM
12-13-11 10:20	189.68	N/A	25	184	70	25	SSM
12-13-11 12:22	189.67	0.01	27	191	76	26	SSM
12-13-11 14:44	189.67	0.00	29	181	71	26	SSM


Comments: _____

NOTE: A copy of this page should be used for each filter bag. The Test Coordinator should sign this document when the corresponding filter has been fully processed per the instructions in Appendix I – Filter Preparation Checklist.

Test Coordinator JEFF POSKA  Date 12-13-11
Print Signature

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	BWROG ECCS Strainer Bypass Test Report		
	Document No: BWROG-ECCS-TA13-004	Revision: I	Page: L-50 of L-219

	Filter Bag Preparation and Processing Procedure		
	Document No: ALION-SPP-LAB-2352-70	Revision: I	Page: A1 of A1

ATTACHMENT A – FILTER PREPARATION LOG

Date: 12-13-11 Test Number: C1
 Filter ID: C1249 Balance ID: SC04


Date & Time	Filter Weight (g)	Weight Difference (g)	Total Drying Time (hours)	Oven Temp. (°F)	Room Temp. (°F)	Room Humid. (%)	Initials
12-13-11 09:46	N/A	N/A	0	196	70	19	SSM
12-13-11 10:22	188.45	N/A	2.5	184	70	25	SSM
12-13-11 12:29	188.46	0.01	2.7	191	70	26	SSM
12-13-11 14:46	188.47	0.01	2.9	181	71	26	SSM


Comments: _____

NOTE: A copy of this page should be used for each filter bag. The Test Coordinator should sign this document when the corresponding filter has been fully processed per the instructions in Appendix I – Filter Preparation Checklist.

Test Coordinator JEFF POSKA Date 12-13-11
 Print  Signature

BWROG Report – GEH Class I

	BWROG ECCS Strainer Bypass Test Report		
	Document No: BWROG-ECCS-TA13-004	Revision: I	Page: L-51 of L-219

	Filter Bag Preparation and Processing Procedure		
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ATTACHMENT A – FILTER PREPARATION LOG

Date: 12-12-11 Test Number: C1
 Filter ID: C1250 Balance ID: SC-04


Date & Time	Filter Weight (g)	Weight Difference (g)	Total Drying Time (hours)	Oven Temp. (°F)	Room Temp. (°F)	Room Humid. (%)	Initials
12-12-11 09:43	N/A	N/A	0	196	70	19	SSM
12-13-11 10:23	193.02	N/A	2.5	184	70	25	SSM
12-13-11 12:24	193.00	0.02	27	191	70	26	SSM
12-13-11 14:47	193.00	0.00	29	181	71	26	SSM


Comments: _____

NOTE: A copy of this page should be used for each filter bag. The Test Coordinator should sign this document when the corresponding filter has been fully processed per the instructions in Appendix I – Filter Preparation Checklist.

Test Coordinator JEFF DUSKA  Date 12/12/11
 Print Signature

BWROG Report – GEH Class I

	BWROG ECCS Strainer Bypass Test Report		
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	Filter Bag Preparation and Processing Procedure		
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ATTACHMENT A - FILTER PREPARATION LOG

Date: 12-12-11 Test Number: C1
 Filter ID: C1251 Balance ID: SC04


Date & Time	Filter Weight (g)	Weight Difference (g)	Total Drying Time (hours)	Oven Temp. (°F)	Room Temp. (°F)	Room Humid. (%)	Initials
12-12-11 09:45	N/A	N/A	0	196	70	19	SSM
12-12-11 10:25	187.73	N/A	25	184	70	25	SSM
12-12-11 12:26	187.71	0-02	27	191	70	26	SSM
12-12-11 14:48	187.75	0-04	29	181	71	26	SSM


Comments: _____

NOTE: A copy of this page should be used for each filter bag. The Test Coordinator should sign this document when the corresponding filter has been fully processed per the instructions in Appendix I – Filter Preparation Checklist.

Test Coordinator JEFF POSKA  Date 12/13/11
 Print Signature

BWROG Report – GEH Class I

	BWROG ECCS Strainer Bypass Test Report		
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ATTACHMENT A – FILTER PREPARATION LOG


Date: 12-12-11 Test Number: C1
 Filter ID: C1252 Balance ID: SC-04


Date & Time	Filter Weight (g)	Weight Difference (g)	Total Drying Time (hours)	Oven Temp. (°F)	Room Temp. (°F)	Room Humid. (%)	Initials
12-12-11 09:45	N/A	N/A	0	196	70	19	SSM
12-13-11 10:27	195.44	N/A	2.5	189	70	25	SSM
12-13-11 12:27	195.40	0.04	2.7	191	70	26	SSM
12-13-11 14:50	195.44	0.04	2.9	181	71	26	SSM

Comments: _____

NOTE: A copy of this page should be used for each filter bag. The Test Coordinator should sign this document when the corresponding filter has been fully processed per the instructions in Appendix I – Filter Preparation Checklist.

Test Coordinator JEFF POSKA Date 12/13/11
 Print  Signature

	BWROG ECCS Strainer Bypass Test Report		
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ATTACHMENT A – FILTER PREPARATION LOG

Date: 12-16-11 Test Number: C1
 Filter ID: C1253 Balance ID: SC-04


Date & Time	Filter Weight (g)	Weight Difference (g)	Total Drying Time (hours)	Oven Temp. (°F)	Room Temp. (°F)	Room Humid. (%)	Initials
12-16-11 16:35	N/A	N/A	0	192	73	20	SSM
12-19-11 09:16	184.35	N/A	65	177	72	27	SSM
12-19-11 11:22	184.33	0.02	67	177	70	30	SSM
12-19-11 14:10	184.30	0.03	70	177	71	31	SSM


Comments: _____

NOTE: A copy of this page should be used for each filter bag. The Test Coordinator should sign this document when the corresponding filter has been fully processed per the instructions in Appendix I – Filter Preparation Checklist.

Test Coordinator JEFF PDSKA  Date 12/19/11
 Print Signature

BWROG Report – GEH Class I

	BWROG ECCS Strainer Bypass Test Report		
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ATTACHMENT A - FILTER PREPARATION LOG

Date: 12-16-11 Test Number: CI
 Filter ID: 1254 Balance ID: SC-04


Date & Time	Filter Weight (g)	Weight Difference (g)	Total Drying Time (Hours)	Oven Temp. (°F)	Room Temp. (°F)	Room Humid. (%)	Initials
12-16-11 16:35	N/A	N/A	0	192	73	20	SSM
12-19-11 09:19	188.88	N/A	6.5	177	72	27	SSM
12-19-11 11:29	188.87	0.01	6.7	177	70	30	SSM
12-19-11 14:11	188.86	0.01	7.0	177	71	31	SSM


Comments: _____

NOTE: A copy of this page should be used for each filter bag. The Test Coordinator should sign this document when the corresponding filter has been fully processed per the instructions in Appendix I – Filter Preparation Checklist.

Test Coordinator JEFF POSKA  Date 12/19/11
 Print: _____ Signature: _____

BWROG Report – GEH Class I

	BWROG ECCS Strainer Bypass Test Report		
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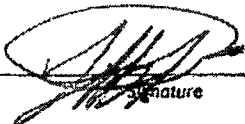
ATTACHMENT A - FILTER PREPARATION LOG


Date: 12-16-11 Test Number: C1
 Filter ID: C1255 Balance ID: 6604


Date & Time	Filter Weight (g)	Weight Difference (g)	Total Drying Time (hours)	Oven Temp. (°F)	Room Temp. (°F)	Room Humid. (%)	Initials
12-16-11 16:35	N/A	N/A	0	192	73	20	SSM
12-19-11 09:21	193.70	N/A	6.5	177	72	27	SSM
12-19-11 11:24	193.66	0.04	6.7	177	70	30	SSM
12-19-11 14:13	193.65	0.01	7.0	177	71	31	SSM

Comments: _____

NOTE: A copy of this page should be used for each filter bag. The Test Coordinator should sign this document when the corresponding filter has been fully processed per the instructions in Appendix I – Filter Preparation Checklist.

Test Coordinator JEFF POSKA  Date 12/19/11
 Print Signature

	BWROG ECCS Strainer Bypass Test Report		
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ATTACHMENT A – FILTER PREPARATION LOG


Date: 12-16-11 Test Number: C1
 Filter ID: C1256 Balance ID: 6C-04


Date & Time	Filter Weight (g)	Weight Difference (g)	Total Drying Time (hours)	Oven Temp. (°F)	Room Temp. (°F)	Room Humid. (%)	Initials
12-16-11 16:35	N/A	N/A	0	192	73	20	SSM
12-19-11 09:22	142.34	N/A	65	177	72	27	SSM
12-19-11 11:26	142.31	0.03	67	177	70	30	SSM
12-19-11 14:14	142.31	0.00	70	177	71	31	SSM

Comments: _____

NOTE: A copy of this page should be used for each filter bag. The Test Coordinator should sign this document when the corresponding filter has been fully processed per the instructions in Appendix I – Filter Preparation Checklist.

Test Coordinator JEFF POSKA  Date 12/19/11
 Print Signature

	BWROG ECCS Strainer Bypass Test Report		
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ATTACHMENT A – FILTER PREPARATION LOG

Date: 12-16-11 Test Number: C1
 Filter ID: C1257 Balance ID: SC-04


Date & Time	Filter Weight (g)	Weight Difference (g)	Total Drying Time (hours)	Oven Temp. (°F)	Room Temp. (°F)	Room Humid. (%)	Initials
12-16-11 16:35	N/A	N/A	0	192	73	20	SSM
12-19-11 08:24	178.01	N/A	65	177	72	27	SSM
12-19-11 11:28	177.98	0.03	67	177	70	30	SSM
12-19-11 14:15	177.99	0.01	70	177	71	31	SSM


Comments: _____

NOTE: A copy of this page should be used for each filter bag. The Test Coordinator should sign this document when the corresponding filter has been fully processed per the instructions in Appendix I – Filter Preparation Checklist.

Test Coordinator JEFF POSKA  Date 12/19/11
 Print Signature

BWROG Report – GEH Class I

	BWROG ECCS Strainer Bypass Test Report		
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	Filter Bag Preparation and Processing Procedure		
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ATTACHMENT A – FILTER PREPARATION LOG

Date: 12-16-11 Test Number: C1
 Filter ID: C1258 Balance ID: SL-04


Date & Time	Filter Weight (g)	Weight Difference (g)	Total Drying Time (hours)	Oven Temp. (°F)	Room Temp. (°F)	Room Humid. (%)	Initials
12-16-11 16:35	N/A	N/A	0	192	73	20	SSM
12-19-11 09:27	188.12	N/A	65	177	72	27	SSM
12-19-11 11:29	188.08	0.04	67	172	70	30	SSM
12-19-11 14:17	188.10	0.02	70	177	71	31	SSM


Comments: _____

NOTE: A copy of this page should be used for each filter bag. The Test Coordinator should sign this document when the corresponding filter has been fully processed per the instructions in Appendix I – Filter Preparation Checklist.

Test Coordinator JEFF POSKA  Date 12/19/11
 Print Signature

BWROG Report – GEH Class I

	BWROG ECCS Strainer Bypass Test Report		
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ATTACHMENT A – FILTER PREPARATION LOG


Date: 12-16-11 Test Number: C1
 Filter ID: C1259 Balance ID: SC-04


Date & Time	Filter Weight (g)	Weight Difference (g)	Total Drying Time (hours)	Oven Temp. (°F)	Room Temp. (°F)	Room Humid. (%)	Initials
12-16-11 16:35	N/A	N/A	0	192	73	20	SSM
12-19-11 09:28	186.19	N/A	65	177	72	27	SSM
12-19-11 11:31	186.14	0.04	67	177	70	30	SSM
12-19-11 14:10	186.12	0.02	70	177	71	31	SSM

Comments: _____

NOTE: A copy of this page should be used for each filter bag. The Test Coordinator should sign this document when the corresponding filter has been fully processed per the instructions in Appendix I – filter Preparation Checklist.

Test Coordinator JEFF POSKA  Date 12/19/11
 Print Signature

	BWROG ECCS Strainer Bypass Test Report		
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ATTACHMENT A – FILTER PREPARATION LOG

Date: 12-16-11 Test Number: C1
 Filter ID: C1260 Balance ID: 6C-04


Date & Time	Filter Weight (g)	Weight Difference (g)	Total Drying Time (hours)	Oven Temp. (°F)	Room Temp. (°F)	Room Humid. (%)	Initials
12-16-11 16:35	N/A	N/A	0	192	73	20	SSM
12-19-11 09:30	182.74	N/A	65	177	72	27	SSM
12-19-11 11:32	182.80	0.06	67	177	70	36	SSM
12-19-11 14:20	182.78	0.02	70	177	71	31	SSM


Comments: _____

NOTE: A copy of this page should be used for each filter bag. The Test Coordinator should sign this document when the corresponding filter has been fully processed per the instructions in Appendix I – Filter Preparation Checklist.

Test Coordinator JEFF POSKA  Date 12/19/11
 Print Signature

BWROG Report – GEH Class I

	BWROG ECCS Strainer Bypass Test Report		
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	Filter Bag Preparation and Processing Procedure		
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ATTACHMENT A – FILTER PREPARATION LOG

Date: 12-16-11 Test Number: C1
 Filter ID: C1261 Balance ID: SC-04

Date & Time	Filter Weight (g)	Weight Difference (g)	Total Drying Time (hours)	Oven Temp. (°F)	Room Temp. (°F)	Room Humid. (%)	Initials
12-16-11 16:25	N/A	N/A	0	197.0	73	20	SSM
12-19-11 09:34	180.95	N/A	65	177	71	27	SSM
12-19-11 11:37	180.92	0.03	67	192	70	30	SSM
12-19-11 14:22	180.90	0.02	70	178	71	31	SSM


Comments: _____


NOTE: A copy of this page should be used for each filter bag. The Test Coordinator should sign this document when the corresponding filter has been fully processed per the instructions in Appendix I – Filter Preparation Checklist.

Test Coordinator JEFF PUSKA  Date 12/19/11
 Print Signature

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BWROG Report – GEH Class I

	BWROG ECCS Strainer Bypass Test Report		
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ATTACHMENT A – FILTER PREPARATION LOG

Date: 12-16-11 Test Number: C1
 Filter ID: C1262 Balance ID: SC-04

Date & Time	Filter Weight (g)	Weight Difference (g)	Total Drying Time (hours)	Oven Temp. (°F)	Room Temp. (°F)	Room Humid. (%)	Initials
12-16-11 16:45	N/A	N/A	0	190	73	20	SSM
12-19-11 09:35	185.42	N/A	6.5	177	71	27	SSM
12-19-11 11:38	185.40	0.02	6.7	192	70	30	SSM
12-19-11 14:24	185.42	0.02	7.0	178	71	31	SSM


Comments: _____


NOTE: A copy of this page should be used for each filter bag. The Test Coordinator should sign this document when the corresponding filter has been fully processed per the instructions in Appendix I – Filter Preparation Checklist.

Test Coordinator JEFF POSKA Date 12/19/11

 Print Signature

BWROG Report – GEH Class I

	BWROG ECCS Strainer Bypass Test Report		
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ATTACHMENT A – FILTER PREPARATION LOG

Date: 12-16-11 Test Number: C1
 Filter ID: C1263 Balance ID: SCDA


Date & Time	Filter Weight (g)	Weight Difference (g)	Total Drying Time (hours)	Oven Temp. (°F)	Room Temp. (°F)	Room Humid. (%)	Initials
12-16-11 16:45	N/A	N/A	0	190	73	20	SSM
12-19-11 09:37	184.24	N/A	66	177	71	27	SSM
12-19-11 11:40	184.14	0.05	67	192	70	30	SSM
12-19-11 14:25	184.22	0.03	70	178	71	31	SSM


Comments: _____

NOTE: A copy of this page should be used for each filter bag. The Test Coordinator should sign this document when the corresponding filter has been fully processed per the instructions in Appendix I – Filter Preparation Checklist.

Test Coordinator JEFF POSKA  Date 12/19/11
 Print Signature

BWROG Report – GEH Class I

	BWROG ECCS Strainer Bypass Test Report		
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ATTACHMENT A – FILTER PREPARATION LOG


Date: 12-16-11 Test Number: C1
 Filter ID: C1264 Balance ID: SC-04


Date & Time	Filter Weight (g)	Weight Difference (g)	Total Drying Time (hours)	Oven Temp. (°F)	Room Temp. (°F)	Room Humid. (%)	Initials
12-16-11 16:45	N/A	N/A	0	190	73	20	SSM
12-19-11 09:38	194-01	N/A	65	177	71	27	SSM
12-19-11 11:41	194-02	0.01	67	182	70	30	SSM
12-19-11 14:27	194-04	0.02	70	178	71	31	SSM

Comments: _____

NOTE: A copy of this page should be used for each filter bag. The Test Coordinator should sign this document when the corresponding filter has been fully processed per the instructions in Appendix I – Filter Preparation Checklist.

Test Coordinator JEFF POSKA  Date 12/19/11
 Print Signature

	BWROG ECCS Strainer Bypass Test Report		
	Document No: BWROG-ECCS-TA13-004	Revision: I	Page: L-66 of L-219

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ATTACHMENT A – FILTER PREPARATION LOG


Date: 12-16-11 Test Number: C1
 Filter ID: C1266 Balance ID: SC-04


Date & Time	Filter Weight (g)	Weight Difference (g)	Total Drying Time (hours)	Oven Temp. (°F)	Room Temp. (°F)	Room Humid. (%)	Initials
12-16-11 16:40	N/A	N/A	0	190	73	20	SSM
12-19-11 09:42	184.78	N/A	65	177	71	27	SSM
12-19-11 11:44	189.53	0.05	67	192	70	30	SSM
12-19-11 14:30	189.49	0.04	70	178	71	31	SSM

Comments: _____

NOTE: A copy of this page should be used for each filter bag. The Test Coordinator should sign this document when the corresponding filter has been fully processed per the instructions in Appendix I – Filter Preparation Checklist.

Test Coordinator JEFF POSKA  Date 12/19/11
 Print Signature

	BWROG ECCS Strainer Bypass Test Report		
	Document No: BWROG-ECCS-TA13-004	Revision: I	Page: L-67 of L-219

	Filter Bag Preparation and Processing Procedure		
	Document No: ALION-SPP-LAB-2352-70	Revision: I	Page: A1 of A1

ATTACHMENT A – FILTER PREPARATION LOG


Date: 12-16-20 ^{11 55M 12-16-11} Test Number: C1
 Filter ID: C12657⁷ 55M6412 Balance ID: SC04


Date & Time <small>AM/PM</small>	Filter Weight (g)	Weight Difference (g)	Total Drying Time (hours)	Oven Temp. (°F)	Room Temp. (°F)	Room Humid. (%)	Initials
12-16-20 16:45 <small>11 25M 12-16-11</small>	N/A	N/A	0	190	73	20	SSM
12-19-11 09:40	185.26	N/A	65	177	71	27	SSM
12-19-11 11:43	185.21	0.05	67	192	70	30	SSM
12-19-11 14:28	185.26	0.05	70	178	71	31	SSM

Comments: _____

NOTE: A copy of this page should be used for each filter bag. The Test Coordinator should sign this document when the corresponding filter has been fully processed per the instructions in Appendix I – Filter Preparation Checklist.

Test Coordinator JEFF POSKA  Date 12/19/11
Print Signature

	BWROG ECCS Strainer Bypass Test Report		
	Document No: BWROG-ECCS-TA13-004	Revision: I	Page: L-68 of L-219

	Filter Bag Preparation and Processing Procedure		
	Document No: ALION-SPP-LAB-2352-70	Revision: 0	Page: A1 of A1

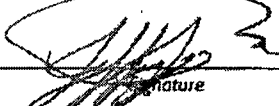
ATTACHMENT A - FILTER PREPARATION LOG

Date: 11-11-11 Test Number: C2
 Filter ID: C205 Balance ID: SC-04


Date & Time	Filter Weight (g)	Weight Difference (g)	Total Drying Time (hours)	Oven Temp. (°F)	Room Temp. (°F)	Room Humid. (%)	Initials
11-11-11 11:23	N/A	N/A	0	212	63.4	31.4	FB
11-14-11 15:58	N/A	N/A	25	201	69	40	SSM
11-15-11 08:14	193.77	N/A	41	190	66	38	SSM
11-15-11 10:29	193.75	0.02	43	181	67	39	SSM
11-15-11 12:46	193.80	0.05	46	199	69	40	SSM


Comments: Filter was removed from oven on 11-12-11 after 25
hour dry time and placed back in oven on 11-14-11

NOTE: A copy of this page should be used for each filter bag. The Test Coordinator should sign this document when the corresponding filter has been fully processed per the instructions in Appendix I – Filter Preparation Checklist.

Test Coordinator JEFF POSKA  Date 11/15/11
 Print Signature

BWROG Report – GEH Class I

	BWROG ECCS Strainer Bypass Test Report		
	Document No: BWROG-ECCS-TA13-004	Revision: I	Page: L-69 of L-219

	Filter Bag Preparation and Processing Procedure		
	Document No: ALION-SPP-LAB-2352-70	Revision: 0	Page: A1 of A1


ATTACHMENT A - FILTER PREPARATION LOG

Date: 11-11-11 Test Number: C2
 Filter ID: C206 Balance ID: SC-04


Date & Time	Filter Weight (g)	Weight Difference (g)	Total Drying Time (hours)	Oven Temp. (°F)	Room Temp. (°F)	Room Humid. (%)	Initials
11-11-11 11:26	N/A	N/A	0	212	63.4	31.3	FB
11-14-11 15:58	N/A	N/A	25	201	69	40	SSM
11-15-11 08:16	194.79	N/A	41	190	68.6	38	SSM
11-15-11 10:30	144.75	0.04	43	181	62	39	SSM
11-15-11 12:47	144.78	0.03	46	199	69	40	SSM


Comments: Filter was removed on 11-12-11 after 25 hour dry time and placed back in oven on 11-14-11.

NOTE: A copy of this page should be used for each filter bag. The Test Coordinator should sign this document when the corresponding filter has been fully processed per the instructions in Appendix I – Filter Preparation Checklist.

Test Coordinator JEFF POSKA  Date 11/15/11
Print Signature

BWROG Report – GEH Class I

	BWROG ECCS Strainer Bypass Test Report		
	Document No: BWROG-ECCS-TA13-004	Revision: I	Page: L-70 of L-219

	Filter Bag Preparation and Processing Procedure		
	Document No: ALION-SPP-LAB-2352-70	Revision: 0	Page: A1 of A1

ATTACHMENT A – FILTER PREPARATION LOG

Date: 11-11-11 Test Number: C2
 Filter ID: C207 Balance ID: SC-04


Date & Time	Filter Weight (g)	Weight Difference (g)	Total Drying Time (hours)	Oven Temp. (°F)	Room Temp. (°F)	Room Humid. (%)	Initials
11-11-11 11:30	N/A	N/A	0	207	63.6	33.9	FR
11-14-11 16:00	N/A	N/A	25	172.10	69	40	SSM
11-15-11 08:20	181.33	N/A	41	166	67	37	SSM
11-15-11 10:34	181.33	0.01	43	161	68	39	SSM
11-15-11 12:51	181.34	0.01	46	160	70	39	SSM


Comments: Filter was removed on 11-12-11 after 25th hour dry time and placed back in oven on 11-14-11.

NOTE: A copy of this page should be used for each filter bag. The Test Coordinator should sign this document when the corresponding filter has been fully processed per the instructions in Appendix 1 – Filter Preparation Checklist.

Test Coordinator JEFF POSKA  Date 11/15/11
Print Signature

BWROG Report – GEH Class I

	BWROG ECCS Strainer Bypass Test Report		
	Document No: BWROG-ECCS-TA13-004	Revision: 1	Page: L-71 of L-219

	Filter Bag Preparation and Processing Procedure		
	Document No: ALION-SPP-LAB-2352-70	Revision: 0	Page: A1 of A1

ATTACHMENT A – FILTER PREPARATION LOG


Date: 11-11-11 Test Number: C2
 Filter ID: C208 Balance ID: SC-04


Date & Time	Filter Weight (g)	Weight Difference (g)	Total Drying Time (hours)	Oven Temp. (°F)	Room Temp. (°F)	Room Humid. (%)	Initials
11-11-11 11:33	N/A	N/A	0	202	63.6	32.6	FB
11-11-11 16:00	N/A	N/A	25	210	69	40	SSM
11-15-11 08:22	183.95	N/A	41	166	67	37	SSM
11-15-11 10:34	183.96	0.01	43	161	68	39	SSM
11-15-11 12:52	183.98	0.02	46	160	70	39	SSM

Comments: Filter was removed on 11-12-11 after 25 hour dry time and placed back in oven on 11-14-11.

NOTE: A copy of this page should be used for each filter bag. The Test Coordinator should sign this document when the corresponding filter has been fully processed per the instructions in Appendix I – Filter Preparation Checklist.

Test Coordinator JEFF POSKA  Date 11/15/11
Print Signature

	BWROG ECCS Strainer Bypass Test Report		
	Document No: BWROG-ECCS-TA13-004	Revision: I	Page: L-72 of L-219

	Filter Bag Preparation and Processing Procedure		
	Document No: ALION-SPP-LAB-2352-70	Revision: 0	Page: A1 of A1

ATTACHMENT A – FILTER PREPARATION LOG


Date: 11-11-11 Test Number: C2
 Filter ID: C209 Balance ID: SC-04


Date & Time	Filter Weight (g)	Weight Difference (g)	Total Drying Time (hours)	Oven Temp. (°F)	Room Temp. (°F)	Room Humid. (%)	Initials
11-11-11 11:36	N/A	N/A	0	202	63.6	32.9	FB
11-14-11 16:00	N/A	N/A	25	210	69	40	SSM
11-15-11 08:25	182.68	N/A	41	166	67	37	SSM
11-15-11 08:36	182.72	0.04	43	161	68	39	SSM
11-15-11 12:55	182.66	0.06	46	160	70	39	SSM

Comments: Filter was removed on 11-12-11 after 25 hour dry time and placed back in oven on 11-14-11.

NOTE: A copy of this page should be used for each filter bag. The Test Coordinator should sign this document when the corresponding filter has been fully processed per the instructions in Appendix I – Filter Preparation Checklist.

Test Coordinator JEFF POSKA Date 11/15/11
 Print [Signature] Signature

	BWROG ECCS Strainer Bypass Test Report		
	Document No: BWROG-ECCS-TA13-004	Revision: I	Page: L-73 of L-219

	Filter Bag Preparation and Processing Procedure		
	Document No: ALION-SPP-LAB-2352-70	Revision: 0	Page: A1 of A1

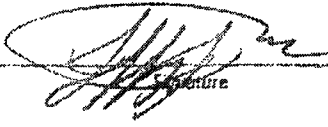
ATTACHMENT A – FILTER PREPARATION LOG


Date: 11-11-11 Test Number: C2
 Filter ID: C210 Balance ID: SL-04


Date & Time	Filter Weight (g)	Weight Difference (g)	Total Drying Time (hours)	Oven Temp. (°F)	Room Temp. (°F)	Room Humid. (%)	Initials
11-11-11 11:39	N/A	N/A	0	202	63.5	36.6	FB
11-14-11 16:00	N/A	N/A	25	210	69	40	SSM
11-15-11 08:26	181.68	N/A	41	166	67	37	SSM
11-15-11 10:38	181.69	0.01	43	161	68	39	SSM
11-15-11 12:59	181.70	0.01	46	160	70	39	SSM

Comments: Filter was removed on 11-12-11 after 25 hour dry time and placed back in oven on 11-14-11.

NOTE: A copy of this page should be used for each filter bag. The Test Coordinator should sign this document when the corresponding filter has been fully processed per the instructions in Appendix I – Filter Preparation Checklist.

Test Coordinator JEFF POSKA Date 11/15/11
 Print  Signature

	BWROG ECCS Strainer Bypass Test Report		
	Document No: BWROG-ECCS-TA13-004	Revision: 1	Page: L-74 of L-219

	Filter Bag Preparation and Processing Procedure		
	Document No: ALION-SPP-LAB-2352-70	Revision: 0	Page: A1 of A1

ATTACHMENT A - FILTER PREPARATION LOG

Date: 11-11-11 Test Number: C2
 Filter ID: C211 Balance ID: SC-04


Date & Time	Filter Weight (g)	Weight Difference (g)	Total Drying Time (hours)	Oven Temp. (°F)	Room Temp. (°F)	Room Humid. (%)	Initials
11-11-11 11:42	N/A	N/A	0	202	63.5	32.1	FB
11-14-11 16:00	N/A	N/A	25	210	69	40	SSM
11-15-11 08:28	181.87	N/A	41	166	67	37	SSM
11-15-11 10:40	181.88	0.01	43	161	68	39	SSM
11-15-11 12:57	181.91	0.03	46	160	70	39	SSM


Comments: Filter was removed on 11-12-11 after 25 hour dry time and placed back in oven on 11-14-11.

NOTE: A copy of this page should be used for each filter bag. The Test Coordinator should sign this document when the corresponding filter has been fully processed per the instructions in Appendix 1 – Filter Preparation Checklist.

Test Coordinator JEFF POSKA  Date 11/15/11
 Print Signature

BWROG Report – GEH Class I

	BWROG ECCS Strainer Bypass Test Report		
	Document No: BWROG-ECCS-TA13-004	Revision: I	Page: L-75 of L-219

	Filter Bag Preparation and Processing Procedure		
	Document No: ALION-SPP-LAB-2352-70	Revision: 0	Page: A1 of A1

ATTACHMENT A – FILTER PREPARATION LOG

Date: 11-11-11 Test Number: C2
 Filter ID: C212 Balance ID: SC-04


Date & Time	Filter Weight (g)	Weight Difference (g)	Total Drying Time (hours)	Oven Temp. (°F)	Room Temp. (°F)	Room Humid. (%)	Initials
11-11-11 11:45	N/A	N/A	0	202	63.8	33.5	FB
11-14-11 16:00	N/A	N/A	25	210	69	40	SSM
11-15-11 08:30	187.73	N/A	41	166	67	37	SSM
11-15-11 10:41	187.74	0.01	43	161	68	39	SSM
11-15-11 12:57	187.72	0.02	46	160	70	39	SSM


Comments: Filter was removed on 11-12-11 after 25 hour dry time and placed back in oven on 11-14-11.

NOTE: A copy of this page should be used for each filter bag. The Test Coordinator should sign this document when the corresponding filter has been fully processed per the instructions in Appendix I – Filter Preparation Checklist.

Test Coordinator JEFF POSKA  Date 11/15/11
Print Signature

BWROG Report – GEH Class I

	BWROG ECCS Strainer Bypass Test Report		
	Document No: BWROG-ECCS-TA13-004	Revision: I	Page: L-76 of L-219

	Filter Bag Preparation and Processing Procedure		
	Document No: ALION-SPP-LAB-2352-70	Revision: 0	Page: A1 of A1

ATTACHMENT A – FILTER PREPARATION LOG


Date: 11-12-11 Test Number: C2
 Filter ID: C213 Balance ID: SC-041


Date & Time	Filter Weight (g)	Weight Difference (g)	Total Drying Time (hours)	Oven Temp. (°F)	Room Temp. (°F)	Room Humid. (%)	Initials
11-12-11 12:30	N/A	N/A	0	157	N/A	N/A	JP
11-14-11 10:48	181.77	N/A	46	144	66.0	37.5	FB
11-14-11 13:00	181.83	0.06	48	162	68	39	JSM
11-14-11 15:13	181.84	0.01	51	156	70	39	JSM

Comments: _____

NOTE: A copy of this page should be used for each filter bag. The Test Coordinator should sign this document when the corresponding filter has been fully processed per the instructions in Appendix I – Filter Preparation Checklist.

Test Coordinator JEFF POSKA  Date 11/14/11
 Print Signature

	BWROG ECCS Strainer Bypass Test Report		
	Document No: BWROG-ECCS-TA13-004	Revision: 1	Page: L-77 of L-219

	Filter Bag Preparation and Processing Procedure		
	Document No: ALION-SPP-LAB-2352-70	Revision: 0	Page: A1 of A1


ATTACHMENT A - FILTER PREPARATION LOG

Date: 11-15-11 Test Number: C 2
 Filter ID: C214 Balance ID: SC-04


Date & Time	Filter Weight (g)	Weight Difference (g)	Total Drying Time (hours)	Oven Temp. (°F)	Room Temp. (°F)	Room Humid. (%)	Initials
11-15-11 08:50	N/A	N/A	0	167	66	38	SSM
11-16-11 08:52	186.02	N/A	24	160	67	28	SSM
11-16-11 10:55	186.01	0.01	26	175	67	26	SSM
11-16-11 12:56	186.04	0.03	28	179	68	25	SSM


Comments: _____

NOTE: A copy of this page should be used for each filter bag. The Test Coordinator should sign this document when the corresponding filter has been fully processed per the instructions in Appendix I – Filter Preparation Checklist.

Test Coordinator JEFF POSKA  Date 11/16/11
Print Signature

BWROG Report – GEH Class I

	BWROG ECCS Strainer Bypass Test Report		
	Document No: BWROG-ECCS-TA13-004	Revision: I	Page: L-78 of L-219

	Filter Bag Preparation and Processing Procedure		
	Document No: ALION-SFP-LAB-2352-70	Revision: 0	Page: A1 of A1

ATTACHMENT A – FILTER PREPARATION LOG

Date: 11-15-11 Test Number: C2
 Filter ID: C215 Balance ID: SC-04


Date & Time	Filter Weight (g)	Weight Difference (g)	Total Drying Time (hours)	Oven Temp. (°F)	Room Temp. (°F)	Room Humid. (%)	Initials
11-15-11 08:50	N/A	N/A	0	167	66	38	SSM
11-16-11 08:51	181.53	N/A	24	160	67	28	SSM
11-16-11 10:56	181.53	0.01	26	175	67	26	SSM
11-16-11 12:57	181.50	0.03	28	179	68	25	SSM


Comments: _____

NOTE: A copy of this page should be used for each filter bag. The Test Coordinator should sign this document when the corresponding filter has been fully processed per the instructions in Appendix I – Filter Preparation Checklist.

Test Coordinator JEFF POSKA  Date 11/16/11
Print Signature

BWROG Report – GEH Class I

	BWROG ECCS Strainer Bypass Test Report		
	Document No: BWROG-ECCS-TA13-004	Revision: I	Page: L-79 of L-219

	Filter Bag Preparation and Processing Procedure		
	Document No: ALION-SPP-LAB-2352-70	Revision: 0	Page: Ai of Ai

ATTACHMENT A – FILTER PREPARATION LOG


Date: 11-12-11 Test Number: C2
 Filter ID: C216 Balance ID: SC-04


Date & Time	Filter Weight (g)	Weight Difference (g)	Total Drying Time (hours)	Oven Temp. (°F)	Room Temp. (°F)	Room Humid. (%)	Initials
11-12-11 12:30	N/A	N/A	0	157	N/A	N/A	
11-14-11 10:45	181.60	N/A	46	144	66.2	37.5	FB
11-14-11 12:58	181.67	0.07	48	162	68	39	SSM
11-14-11 15:15	181.65	0.02	51	156	70	39	SSM

Comments: _____

NOTE: A copy of this page should be used for each filter bag. The Test Coordinator should sign this document when the corresponding filter has been fully processed per the instructions in Appendix I – Filter Preparation Checklist.


Test Coordinator: JEFF POSKA  Date: 11/14/11
 Print Signature

	BWROG ECCS Strainer Bypass Test Report		
	Document No: BWROG-ECCS-TA13-004	Revision: I	Page: L-80 of L-219

	Filter Bag Preparation and Processing Procedure		
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ATTACHMENT A – FILTER PREPARATION LOG


Date: 11-12-11 Test Number: C2
 Filter ID: C217 Balance ID: 56-04


Date & Time	Filter Weight (g)	Weight Difference (g)	Total Drying Time (hours)	Oven Temp. (°F)	Room Temp. (°F)	Room Humid. (%)	Initials
11-12-11 12:30	N/A	N/A	0	157	N/A	N/A	
11-14-11 10:43	182.31	N/A	46	144	66.2	37.6	FB
11-14-11 12:56	182.37	0.06	48	162	68	39	SSM
11-14-11 15:17	182.35	0.02	51	156	70	39	SSM

Comments: _____

NOTE: A copy of this page should be used for each filter bag. The Test Coordinator should sign this document when the corresponding filter has been fully processed per the instructions in Appendix I – Filter Preparation Checklist.

Test Coordinator JEFF PUSKA  Date 11/14/11
 Print Signature

	BWROG ECCS Strainer Bypass Test Report		
	Document No: BWROG-ECCS-TA13-004	Revision: 1	Page: L-81 of L-219

	Filter Bag Preparation and Processing Procedure		
	Document No: ALION-SPP-LAB-2352-70	Revision: 0	Page: A1 of A1


ATTACHMENT A – FILTER PREPARATION LOG

Date: 11-12-11 Test Number: C2
 Filter ID: C218 Balance ID: SC-04


Date & Time	Filter Weight (g)	Weight Difference (g)	Total Drying Time (hours)	Oven Temp. (°F)	Room Temp. (°F)	Room Humid. (%)	Initials
11-12-11 12:30	N/A	N/A	0	157	N/A	N/A	SSM
11-14-11 10:46	187.50	N/A	46	144	66.2	32.4	FB
11-14-11 12:59	185.65	1.85	48	162	68	39	SSM
11-14-11 15:19	185.67	0.02	51	156	70	39	SSM
11-15-11 08:45	185.70	0.03	68	167	66	38	SSM


Comments: _____

NOTE: A copy of this page should be used for each filter bag. The Test Coordinator should sign this document when the corresponding filter has been fully processed per the instructions in Appendix 1 – Filter Preparation Checklist.

Test Coordinator JEFF POSKA  Date 11/15/11
 Print

BWROG Report – GEH Class I

	BWROG ECCS Strainer Bypass Test Report		
	Document No: BWROG-ECCS-TA13-004	Revision: 1	Page: L-82 of L-219

	Filter Bag Preparation and Processing Procedure		
	Document No: ALION-SPP-LAB-2352-70	Revision: 0	Page: A1 of A1

ATTACHMENT A – FILTER PREPARATION LOG


Date: 11-18-11 Test Number: C7
 Filter ID: C219 Balance ID: SC-04


Date & Time	Filter Weight (g)	Weight Difference (g)	Total Drying Time (hours)	Oven Temp. (°F)	Room Temp. (°F)	Room Humid. (%)	Initials
11-12-11 12:30	N/A	N/A	0	157	N/A	N/A	
11-14-11 10:42	190.63	N/A	46	144	66.2	37.5	FB
11-14-11 12:52	190.58	0.07	48	162	68	39	SSM
11-14-11 15:20	190.58	0.00	51	156	70	39	SSM

Comments: _____

NOTE: A copy of this page should be used for each filter bag. The Test Coordinator should sign this document when the corresponding filter has been fully processed per the instructions in Appendix 1 – Filter Preparation Checklist.

Test Coordinator JEFF POSKA  Date 11/19/11
Print Signature

	BWROG ECCS Strainer Bypass Test Report		
	Document No: BWROG-ECCS-TA13-004	Revision: I	Page: L-83 of L-219

	Filter Bag Preparation and Processing Procedure		
	Document No: ALION-SPP-LAB-2352-70	Revision: 0	Page: A1 of A1

ATTACHMENT A – FILTER PREPARATION LOG


Date: 11-12-11 Test Number: C2
 Filter ID: C270 Balance ID: SC-04


Date & Time	Filter Weight (g)	Weight Difference (g)	Total Drying Time (hours)	Oven Temp. (°F)	Room Temp. (°F)	Room Humid. (%)	Initials
11-12-11 17:30	N/A	N/A	0	157	N/A	N/A	
11-14-11 10:40	189.45	N/A	46	144	66.1	37.5	FB
11-14-11 12:55	189.44	0.01	48	162	68	39	SSM
SSM 11-14-11 18:22	189.51	0.07	51	156	70	39	SSM

Comments: _____

NOTE: A copy of this page should be used for each filter bag. The Test Coordinator should sign this document when the corresponding filter has been fully processed per the instructions in Appendix I – Filter Preparation Checklist.

Test Coordinator JEFF POSKA  Date 11/14/11
 Print Signature

	BWROG ECCS Strainer Bypass Test Report		
	Document No: BWROG-ECCS-TA13-004	Revision: I	Page: L-84 of L-219

	Filter Bag Preparation and Processing Procedure		
	Document No: ALION-SPP-LAB-2352-70	Revision: 0	Page: A1 of A1

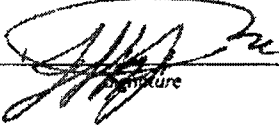
ATTACHMENT A - FILTER PREPARATION LOG


Date: 11-12-11 Test Number: C2
 Filter ID: C771 Balance ID: SC-04


Date & Time	Filter Weight (g)	Weight Difference (g)	Total Drying Time (hours)	Oven Temp. (°F)	Room Temp. (°F)	Room Humid. (%)	Initials
11-12-11 12:30	N/A	N/A	0	183	N/A*	N/A*	JD
11-14-11 10:37	193.60	N/A	46	173	66.0	37.9	FB
11-14-11 12:48	193.67	0.07	48	172	68	39	SSM
11-14-11 14:58	193.68	0.01	50	170	69	40	SSM

Comments: * IN-PROCESS ROOM TEMP. AND HUMIDITY ARE NOT RECORDED TO DETERMINE FINAL WEIGHTS.

NOTE: A copy of this page should be used for each filter bag. The Test Coordinator should sign this document when the corresponding filter has been fully processed per the instructions in Appendix I – Filter Preparation Checklist.


Test Coordinator: JEFF POSKA  Date 11/14/11
Print Signature

	BWROG ECCS Strainer Bypass Test Report		
	Document No: BWROG-ECCS-TA13-004	Revision: I	Page: L-85 of L-219

	Filter Bag Preparation and Processing Procedure		
	Document No: ALION-SPP-LAB-2352-70	Revision: 0	Page: A1 of A1

ATTACHMENT A - FILTER PREPARATION LOG


Date: 11-12-11 Test Number: C2
 Filter ID: C222 Balance ID: SL-04


Date & Time	Filter Weight (g)	Weight Difference (g)	Total Drying Time (hours)	Oven Temp. (°F)	Room Temp. (°F)	Room Humid. (%)	Initials
11-12-11 12:20	N/A	N/A	0	183	N/A	N/A	
11-14-11 10:34	189.17	N/A ^{SSM}	46	173	66.0	37.6	FB
11-14-11 12:46	189.25	0.088	48	172	68	39	SSM
11-14-11 16:02	189.23	0.02	51	170	59	40	SSM

Comments: _____

NOTE: A copy of this page should be used for each filter bag. The Test Coordinator should sign this document when the corresponding filter has been fully processed per the instructions in Appendix I - Filter Preparation Checklist.


Test Coordinator JEFF POSKA  Date 11/14/11
 Print Signature

	BWROG ECCS Strainer Bypass Test Report		
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	Filter Bag Preparation and Processing Procedure		
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ATTACHMENT A – FILTER PREPARATION LOG

Date: 11-12-11 Test Number: C2
 Filter ID: C723 Balance ID: SC-04


Date & Time	Filter Weight (g)	Weight Difference (g)	Total Drying Time (hours)	Oven Temp. (°F)	Room Temp. (°F)	Room Humid. (%)	Initials
11-12-11 12:30	N/A	N/A	0	183	N/A	N/A	
11-12-11 10:33	184.78	N/A	46	173	66.0	37.5	FB
11-14-11 12:47	184.83	0.05	48	172	68	39	SSM
11-14-11 15:03	184.77	0.06	51	170	69	40	SSM


Comments: _____

NOTE: A copy of this page should be used for each filter bag. The Test Coordinator should sign this document when the corresponding filter has been fully processed per the instructions in Appendix I – Filter Preparation Checklist.

Test Coordinator JEFF POSKA  Date 11/14/11
 Print Signature


BWROG Report – GEH Class I

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ATTACHMENT A - FILTER PREPARATION LOG

Date: 11-17-11 Test Number: C2
 Filter ID: C224 Balance ID: SC-04


Date & Time	Filter Weight (g)	Weight Difference (g)	Total Drying Time (hours)	Oven Temp. (°F)	Room Temp. (°F)	Room Humid. (%)	Initials
11-12-11 12:30	N/A	N/A	0	183	N/A	N/A	
11-14-11 10:36	178.65	N/A	46	173	66.0	37.5	FB
11-14-11 10:49	178.72	0.07	48	172	68	39	SSM
11-14-11 15:06	178.81	0.09	51	170	69	40	SSM
11-15-11 08:43	178.85	0.04	68	167	66	38	SSM
11-15-11 13:33	178.87	0.02	73	168	70	39	SSM


Comments: _____

NOTE: A copy of this page should be used for each filter bag. The Test Coordinator should sign this document when the corresponding filter has been fully processed per the instructions in Appendix I - Filter Preparation Checklist.

Test Coordinator JEFF DOSKA  Date 11/15/11
 Print Signature

BWROG Report – GEH Class I

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ATTACHMENT A - FILTER PREPARATION LOG

Date: 11-12-11 Test Number: C2
 Filter ID: C225 Balance ID: SC-04


Date & Time	Filter Weight (g)	Weight Difference (g)	Total Drying Time (hours)	Oven Temp. (°F)	Room Temp. (°F)	Room Humid. (%)	Initials
11-12-11 11:30	N/A	N/A	0	185	N/A	N/A	
11-14-11 10:27	195.03	N/A	46	173	66.0	38.0	FB
11-14-11 12:43	195.09	0.06	48	172	68	39	SGM
11-14-11 15:07	195.10	0.01	51	170	69	40	SGM


Comments: _____

NOTE: A copy of this page should be used for each filter bag. The Test Coordinator should sign this document when the corresponding filter has been fully processed per the instructions in Appendix I – Filter Preparation Checklist.

Test Coordinator JEFF POSKA  Date 11/14/11
 Print Signature

BWROG Report – GEH Class I

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ATTACHMENT A – FILTER PREPARATION LOG

Date: 11-12-11 Test Number: C2
 Filter ID: C226 Balance ID: SC-04


Date & Time	Filter Weight (g)	Weight Difference (g)	Total Drying Time (hours)	Oven Temp. (°F)	Room Temp. (°F)	Room Humid. (%)	Initials
11-12-11 12:20	N/A	N/A	0	183	N/A	N/A	
11-14-11 10:31	185.52	N/A	46	173	65.4	37.5	FB
11-14-11 12:43	185.59	0.07	48	172	68	39	SSM
11-14-11 15:09	185.56	0.03	51	170	69	40	SSM


Comments: _____

NOTE: A copy of this page should be used for each filter bag. The Test Coordinator should sign this document when the corresponding filter has been fully processed per the instructions in Appendix I – Filter Preparation Checklist.

Test Coordinator JEFF POSKA  Date 11/14/11
 Print Signature

BWROG Report – GEH Class I

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ATTACHMENT A – FILTER PREPARATION LOG

Date: 11-16-11 Test Number: CB 2¹¹⁻¹⁶⁻¹¹ SSM₃₂₇₃
 Filter ID: C501 Balance ID: SC-04


Date & Time	Filter Weight (g)	Weight Difference (g)	Total Drying Time (hours)	Oven Temp. (°F)	Room Temp. (°F)	Room Humid. (%)	Initials
11-16-11 08:00	N/A	N/A	0	208	67	28	SSM
11-17-11 08:05	176.27	N/A	24	178	68	20	SSM
11-17-11 10:01	176.33	0.06	26	166	68	20	SSM
11-17-11 12:08	176.31	0.02	28	174	68	20	SSM


Comments: _____

NOTE: A copy of this page should be used for each filter bag. The Test Coordinator should sign this document when the corresponding filter has been fully processed per the instructions in Appendix I – Filter Preparation Checklist.

Test Coordinator JEFF POSKA  Date 11/17/11
 Print Signature

BWROG Report – GEH Class I

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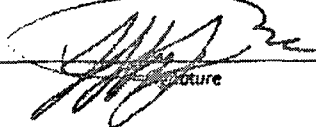
ATTACHMENT A – FILTER PREPARATION LOG

Date: 11-16-11 Test Number: C#2 SSM 3612
 Filter ID: C502 Balance ID: SC-04


Date & Time	Filter Weight (g)	Weight Difference (g)	Total Drying Time (hours)	Oven Temp. (°F)	Room Temp. (°F)	Room Humid. (%)	Initials
11-16-11 08:00	N/A	N/A	0	208	67	28	SSM
11-17-11 08:06	179.60	N/A	24	178	68	20	SSM
11-17-11 10:08	179.63	0.03	26	166	68	20	SSM
11-17-11 12:09	179.65	0.02	28	174	68	20	SSM


Comments: _____

NOTE: A copy of this page should be used for each filter bag. The Test Coordinator should sign this document when the corresponding filter has been fully processed per the instructions in Appendix I – Filter Preparation Checklist.

Test Coordinator JEFF POSKA  Date 11/17/11
 Print Signature

BWROG Report – GEH Class I

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ATTACHMENT A - FILTER PREPARATION LOG


Date: 11-16-11 Test Number: SSM 11-16-11
CS 2 SSM 3-6-12
 Filter ID: C503 Balance ID: SC-04


Date & Time	Filter Weight (g)	Weight Difference (g)	Total Drying Time (hours)	Oven Temp. (°F)	Room Temp. (°F)	Room Humid. (%)	Initials
11-16-11 08:00	N/A	N/A	0	208	67	28	SSM
11-17-11 08:07	179.88	N/A	24	178	68	20	SSM
11-17-11 10:09	179.90	0.02	26	166	68	20	SSM
11-17-11 12:11	179.93	0.03	28	174	68	20	SSM

Comments: _____

NOTE: A copy of this page should be used for each filter bag. The Test Coordinator should sign this document when the corresponding filter has been fully processed per the instructions in Appendix 1 – Filter Preparation Checklist.

Test Coordinator JEFF POSKA Date 11/17/11
 Print  Signature

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ATTACHMENT A - FILTER PREPARATION LOG

Date: 11-16-11 Test Number: 11-16-11 C 2 SSM 3-6-12
 Filter ID: C504 Balance ID: SC-04


Date & Time	Filter Weight (g)	Weight Difference (g)	Total Drying Time (hours)	Oven Temp. (°F)	Room Temp. (°F)	Room Humid. (%)	Initials
11-16-11 08:00	N/A	N/A	0	208	67	28	SGM
11-17-11 08:08	174.81	N/A	24	178	68	20	SSM
^{SSM} 11-17-11 08:10	174.83	0.02	26	166	68	20	SSM
11-17-11 12:12	174.85	0.02	28	174	68	20	SSM


Comments: _____

NOTE: A copy of this page should be used for each filter bag. The Test Coordinator should sign this document when the corresponding filter has been fully processed per the instructions in Appendix I – Filter Preparation Checklist.

Test Coordinator JEFF POSKA  Date 11/17/11
 Print Signature

BWROG Report – GEH Class I

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ATTACHMENT A – FILTER PREPARATION LOG

Date: 11-16-11 Test Number: C83 SSM 11-29-11
 Filter ID: C301 Balance ID: SL04


Date & Time	Filter Weight (g)	Weight Difference (g)	Total Drying Time (hours)	Oven Temp. (°F)	Room Temp. (°F)	Room Humid. (%)	Initials
11-16-11 13:30	N/A	N/A	0	201	68	25	SSM
11-17-11 13:35	187.90	N/A	24	145	68	20	SSM
11-17-11 15:40	187.88	0.02	26	151	68	20	SSM
11-17-11 18:05	187.88	0.00	28	150	67	22	FB


Comments: _____

NOTE: A copy of this page should be used for each filter bag. The Test Coordinator should sign this document when the corresponding filter has been fully processed per the instructions in Appendix I – Filter Preparation Checklist.

Test Coordinator JEFF POSKA  Date 11/17/11
 Print Signature

BWROG Report – GEH Class I

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ATTACHMENT A - FILTER PREPARATION LOG

Date: 11-16-11 Test Number: C 3 ^{SS on 11-16-11} 11-19-11 SS M
 Filter ID: C302 Balance ID: 5C-04


Date & Time	Filter Weight (g)	Weight Difference (g)	Total Drying Time (hours)	Oven Temp. (°F)	Room Temp. (°F)	Room Humid. (%)	Initials
11-16-11 13:30	N/A	N/A	0	201	68	25	SSM
11-17-11 13:37	188.02	N/A	24	187	68	20	SSM
11-17-11 15:44	188.00	0.02	26	151	68	20	SSM
11-17-11 18:09	188.00	0.00	28	150	67	21	FB


Comments: _____

NOTE: A copy of this page should be used for each filter bag. The Test Coordinator should sign this document when the corresponding filter has been fully processed per the instructions in Appendix I – Filter Preparation Checklist.

Test Coordinator JEFF POSKA  Date 11/17/11
Print Signature

BWROG Report – GEH Class I

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ATTACHMENT A – FILTER PREPARATION LOG

Date: 11-16-11 Test Number: C 303 SSM 11-16-11
 Filter ID: C 303 Balance ID: SC 04


Date & Time	Filter Weight (lb)	Weight Difference (lb)	Total Drying Time (hours)	Oven Temp. (°F)	Room Temp. (°F)	Room Humid. (%)	Initials
11-16-11 13:30	N/A	N/A	0	201	68	25	SSM
11-17-11 13:38	194.10	N/A	24	145	68	20	SSM
11-17-11 15:46	194.08	0.02	26	151	68	20	SSM
11-17-11 18:10	194.05	0.03	28	150	67	21	FB


Comments: _____

NOTE: A copy of this page should be used for each filter bag. The Test Coordinator should sign this document when the corresponding filter has been fully processed per the instructions in Appendix 1 – Filter Preparation Checklist.

Test Coordinator JEFF PUSKA  Date 11/17/11
 Print Signature

BWROG Report – GEH Class I

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ATTACHMENT A – FILTER PREPARATION LOG

Date: 11-16-11 Test Number: C B 3 ^{SPM 11-16-11} SPM 11-29-11
 Filter ID: C304 Balance ID: SC-04


Date & Time	Filter Weight (g)	Weight Difference (g)	Total Drying Time (hours)	Oven Temp. (°F)	Room Temp. (°F)	Room Humid. (%)	Initials
11-16-11 13:30	N/A	N/A	0	201	68	25	SSM
11-17-11 13:39	196.83	N/A	24	145	68	20	SSM
11-17-11 13:47	196.82	0.01	26	151	68	20	SSM
11-17-11 18:13	196.77	0.06	28	150	66	21	FB


Comments: _____

NOTE: A copy of this page should be used for each filter bag. The Test Coordinator should sign this document when the corresponding filter has been fully processed per the instructions in Appendix I – Filter Preparation Checklist.

Test Coordinator JEFF POSKA  Date 11/17/11
 Print Signature

BWROG Report – GEH Class I

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ATTACHMENT A - FILTER PREPARATION LOG

Date: 11-16-11 Test Number: C83 ^{SCM 11-16-11} _{SSM 11-29-11}
 Filter ID: C305 Balance ID: SC04


Date & Time	Filter Weight (g)	Weight Difference (g)	Total Drying Time (hours)	Oven Temp. (°F)	Room Temp. (°F)	Room Humid. (%)	Initials
11-16-11 13:30	N/A	N/A	0	201	68	25	SSM
11-17-11 13:41	194.26	N/A	24	145	68	20	SSM
11-17-11 15:48	194.24	0.02	26	151	68	20	SSM
11-17-11 18:15	194.19	0.05	28	150	66	21	FS


Comments: _____

NOTE: A copy of this page should be used for each filter bag. The Test Coordinator should sign this document when the corresponding filter has been fully processed per the instructions in Appendix I – Filter Preparation Checklist.

Test Coordinator JEFF POSKA  Date 11/17/11
 Print Signature

BWROG Report – GEH Class I

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ATTACHMENT A – FILTER PREPARATION LOG

Date: 11-16-11 Test Number: SSM 11-16-11 CA 3 SSM 11-29-11
 Filter ID: C306 Balance ID: SC04


Date & Time	Filter Weight (g)	Weight Difference (g)	Total Drying Time (hours)	Oven Temp. (°F)	Room Temp. (°F)	Room Humid. (%)	Initials
11-16-11 13:30	N/A	N/A	0	204	68	25	SSM
11-17-11 13:42	193.96	N/A	24	151	68	20	SSM
11-17-11 15:50	193.94	0.02 FB	26	151	68	20	SSM
11-17-11 18:17	193.90	0.04 FB	28	150	66	21	FB


Comments: _____

NOTE: A copy of this page should be used for each filter bag. The Test Coordinator should sign this document when the corresponding filter has been fully processed per the instructions in Appendix I – Filter Preparation Checklist.

Test Coordinator JEFF POSKA  Date 11/17/11
 Print Signature

BWROG Report – GEH Class I

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ATTACHMENT A – FILTER PREPARATION LOG

Date: 11-17-11 Test Number: C3
 Filter ID: C307 Balance ID: SC-04

Date & Time	Filter Weight (g)	Weight Difference (g)	Total Drying Time (hours)	Oven Temp. (°F)	Room Temp. (°F)	Room Humid. (%)	Initials
11-17-11 12:50	N/A	N/A	0	196	69	20	SSM
		N/A		151	68	20	SSM
11-18-11 12:57	189.34	N/A	24	183	69	20	SSM
11-18-11 15:04	189.31	0.03	26	175	64	20	SSM
11-18-11 17:04	189.33	0.02	28	179	70	20	SSM


SSM 11-17-11


Comments: _____

NOTE: A copy of this page should be used for each filter bag. The Test Coordinator should sign this document when the corresponding filter has been fully processed per the instructions in Appendix 1 – Filter Preparation Checklist.

Test Coordinator JEFF PUSKA  Date 11/18/11
 Print Signature

BWROG Report – GEH Class I

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ATTACHMENT A – FILTER PREPARATION LOG

Date: 11-17-11 Test Number: C3
 Filter ID: C308 Balance ID: SC-04

Date & Time	Filter Weight (g)	Weight Difference (g)	Total Drying Time (hours)	Oven Temp. (°F)	Room Temp. (°F)	Room Humid. (%)	Initials
11-17-11 13:50	N/A	N/A	0	196	69	20	SSM
		N/A		151	68	20	SSM
11-18-11 12:58	182.15	N/A	24	183	69	20	SSM
11-18-11 15:06	182.16	0.01	26	175	69	20	SSM
11-18-11 17:06	182.19	0.03	28	179	70	20	SSM


11-17-11
→ 6m


Comments: _____

NOTE: A copy of this page should be used for each filter bag. The Test Coordinator should sign this document when the corresponding filter has been fully processed per the instructions in Appendix I – Filter Preparation Checklist.

Test Coordinator JEFF POSKA  Date 11/18/11
 Print Signature

BWROG Report – GEH Class I

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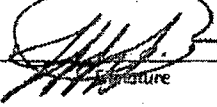
ATTACHMENT A – FILTER PREPARATION LOG

Date: 11-17-11 Test Number: C.3
 Filter ID: C.309 Balance ID: SC04


Date & Time	Filter Weight (g)	Weight Difference (g)	Total Drying Time (hours)	Oven Temp. (°F)	Room Temp. (°F)	Room Humid. (%)	Initials
11-17-11 13:00	N/A	N/A	0	208	69	20	SSM
11-18-11 13:01	177.57	N/A	24	166	69	20	SSM
11-18-11 15:09	177.57	0.00	26	162	69	20	SSM
11-18-11 17:09	177.57	0.00	28	161	70	20	SSM


Comments: _____

NOTE: A copy of this page should be used for each filter bag. The Test Coordinator should sign this document when the corresponding filter has been fully processed per the instructions in Appendix I – Filter Preparation Checklist.

Test Coordinator JEFF POSKA  Date 11/18/11
 Print Signature

BWROG Report – GEH Class I

	BWROG ECCS Strainer Bypass Test Report		
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ATTACHMENT A – FILTER PREPARATION LOG

Date: 11-17-11 Test Number: C3
 Filter ID: C30 Balance ID: SC 09


Date & Time	Filter Weight (g)	Weight Difference (g)	Total Drying Time (hours)	Oven Temp. (°F)	Room Temp. (°F)	Room Humid. (%)	Initials
11-17-11 13:00	N/A	N/A	0	208	69	20	SSM
11-18-11 13:03	182.20	N/A	27	166	69	20	SSM
11-18-11 15:10	182.25	0.05	26	162	69	20	SSM
11-18-11 17:10	182.22	0.03	28	161	70	20	SSM


Comments: _____

NOTE: A copy of this page should be used for each filter bag. The Test Coordinator should sign this document when the corresponding filter has been fully processed per the instructions in Appendix I – Filter Preparation Checklist.

Test Coordinator JEFF POSKA  Date 11/18/11
 Print Signature

BWROG Report – GEH Class I

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ATTACHMENT A - FILTER PREPARATION LOG


Date: 11-17-11 Test Number: C 3
 Filter ID: C311 Balance ID: SC-04


Date & Time	Filter Weight (g)	Weight Difference (g)	Total Drying Time (hours)	Oven Temp. (°F)	Room Temp. (°F)	Room Humid. (%)	Initials
11-17-11 13:00	N/A	N/A	0	208	69	20	SSM
11-18-11 13:04	184.55	N/A	24	166	69	20	SSM
11-18-11 15:12	184.59	0.04	26	162	69	20	SSM
11-18-11 17:12	184.61	0.02	28	161	70	20	SSM

Comments: _____

NOTE: A copy of this page should be used for each filter bag. The Test Coordinator should sign this document when the corresponding filter has been fully processed per the instructions in Appendix I – Filter Preparation Checklist.

Test Coordinator JEFF POSKA  Date 11/18/11
 Print Signature

	BWROG ECCS Strainer Bypass Test Report	
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ATTACHMENT A – FILTER PREPARATION LOG


Date: 11-17-11 Test Number: C3
 Filter ID: C312 Balance ID: SC-04


Date & Time	Filter Weight (g)	Weight Difference (g)	Total Drying Time (hours)	Oven Temp. (°F)	Room Temp. (°F)	Room Humid. (%)	Initials
11-17-11 13:00	N/A	N/A	0	208	69	20	SSM
11-18-11 13:05	189.94	N/A	24	166	69	20	SSM
11-18-11 15:13	189.92	0.02	26	162	69	20	SSM
11-18-11 17:13	189.93	0.01	28	161	70	20	SSM

Comments: _____

NOTE: A copy of this page should be used for each filter bag. The Test Coordinator should sign this document when the corresponding filter has been fully processed per the instructions in Appendix I – Filter Preparation Checklist.

Test Coordinator JEFF POSKA  Date 11/18/11
 Print Signature

	BWROG ECCS Strainer Bypass Test Report		
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ATTACHMENT A – FILTER PREPARATION LOG

Date: 11-17-11 Test Number: C3
 Filter ID: C313 Balance ID: SC-04


Date & Time	Filter Weight (g)	Weight Difference (g)	Total Drying Time (hours)	Oven Temp. (°F)	Room Temp. (°F)	Room Humid. (%)	Initials
11-17-11 15:00	N/A	N/A	0	208	69	20	SSM
11-18-11 13:07	183.58	N/A	24	166	69	20	SSM
11-18-11 15:15	183.60	0.02	26	163	69	20	SSM
11-18-11 17:15	183.64	0.04	28	161	70	20	SSM


Comments: _____

NOTE: A copy of this page should be used for each filter bag. The Test Coordinator should sign this document when the corresponding filter has been fully processed per the instructions in Appendix I – Filter Preparation Checklist.

Test Coordinator JEFF PISKA  Date 11/18/11
 Print Signature

BWROG Report – GEH Class I

	BWROG ECCS Strainer Bypass Test Report		
	Document No: BWROG-ECCS-TA13-004	Revision: 1	Page: L-107 of L-219

	Filter Bag Preparation and Processing Procedure		
	Document No: ALION-SPP-LAB-2352-70	Revision: 0	Page: A1 of A1

ATTACHMENT A – FILTER PREPARATION LOG

Date: 11-17-11 Test Number: C3
 Filter ID: C314 Balance ID: SC-04


Date & Time	Filter Weight (a)	Weight Difference (b)	Total Drying Time (hours)	Oven Temp. (°F)	Room Temp. (°F)	Room Humid. (%)	Initials
11-17-11 13:00	N/A	N/A	0	208	69	20	SSM
11-18-11 13:08	185.83	N/A	24	166	69	20	SSM
11-18-11 15:17	185.86	0.03	26	162	69	20	SSM
11-18-11 17:17	185.88	0.02	28	161	70	20	SSM


Comments: _____

NOTE: A copy of this page should be used for each filter bag. The Test Coordinator should sign this document when the corresponding filter has been fully processed per the instructions in Appendix I – Filter Preparation Checklist.

Test Coordinator JFFF POSKA  Date 11/18/11
Print Signature

BWROG Report – GEH Class I

	BWROG ECCS Strainer Bypass Test Report	
	Document No: BWROG-ECCS-TA13-004	Revision: I

	Filter Bag Preparation and Processing Procedure		
	Document No: ALION-SPP-LAB-2352-70	Revision: I	Page: A1 of A1

ATTACHMENT A – FILTER PREPARATION LOG

Date: 1-1-12 Test Number: C3-2
 Filter ID: C3-201 Balance ID: 8604


Data & Time	Filter Weight (g)	Weight Difference (g)	Total Drying Time (hours)	Oven Temp. (°F)	Room Temp. (°F)	Room Humid. (%)	Initials
1-1-12 11:30	N/A	N/A	0	196	69	25	<i>[Signature]</i>
1-3-12 08:49	202.30	N/A	46	207	73	10	<i>[Signature]</i>
1-3-12 11:04	202.28	0.02	48	180	70	14	SSM
1-3-12 18:16	202.28	0.00	50	175	73	14	SSM


Comments: _____

NOTE: A copy of this page should be used for each filter bag. The Test Coordinator should sign this document when the corresponding filter has been fully processed per the instructions in Appendix I – Filter Preparation Checklist.

Test Coordinator JEFF POSKA *[Signature]* Date 1/3/12
 Print Signature

BWROG Report – GEH Class I

	BWROG ECCS Strainer Bypass Test Report		
	Document No: BWROG-ECCS-TA13-004	Revision: I	Page: L-109 of L-219

	Filter Bag Preparation and Processing Procedure		
	Document No: ALION-SPP-LAB-2352-70	Revision: I	Page: A1 of A1

ATTACHMENT A – FILTER PREPARATION LOG

Date: 1-1-12 Test Number: C3.2
 Filter ID: C3.202 Balance ID: SC-04


Date & Time	Filter Weight (g)	Weight Difference (g)	Total Drying Time (hours)	Oven Temp. (°F)	Room Temp. (°F)	Room Humid. (%)	Initials
1-1-12 11:30	N/A	N/A	0	196	69	25	JD
1-3-12 09:51	183.63	N/A	46	207	73	10	SSM
1-2-12 11:05	183.60	0.03	48	180	70	14	SSM
1-2-12 13:17	183.61	0.01	50	175	73	14	SSM


Comments: _____

NOTE: A copy of this page should be used for each filter bag. The Test Coordinator should sign this document when the corresponding filter has been fully processed per the instructions in Appendix I – Filter Preparation Checklist.

Test Coordinator JEFF POSKA  Date 1/3/12
 Print Signature

BWROG Report – GEH Class I

	BWROG ECCS Strainer Bypass Test Report		
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	Filter Bag Preparation and Processing Procedure		
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ATTACHMENT A – FILTER PREPARATION LOG

Date: 1-1-12 Test Number: C3-2
 Filter ID: C3-203 Balance ID: 5C-04


Date & Time	Filter Weight (g)	Weight Difference (g)	Total Drying Time (hours)	Oven Temp. (°F)	Room Temp. (°F)	Room Humid. (%)	Initials
1-1-12 11:30	N/A	N/A	0	196	69	25	<i>JP</i>
1-3-12 08:54	184.93	N/A	46	207	73	10	SSM
1-3-12 11:07	184.91	0.02	40	180	70	14	SSM
1-3-12 13:19	184.96	0.05	50	175	73	14	SSM


Comments: _____

NOTE: A copy of this page should be used for each filter bag. The Test Coordinator should sign this document when the corresponding filter has been fully processed per the instructions in Appendix I – Filter Preparation Checklist.

Test Coordinator JEFF POSKA  Date 1/3/12
 Print Signature


BWROG Report – GEH Class I

	BWROG ECCS Strainer Bypass Test Report	
	Document No: BWROG-ECCS-TA13-004	Revision: I

	Filter Bag Preparation and Processing Procedure		
	Document No: ALION-SPP-LAB-2352-70	Revision: I	Page: A1 of A1

ATTACHMENT A – FILTER PREPARATION LOG


Date: 1-1-12 Test Number: C3-2
 Filter ID: C3-204^{46SM} Balance ID: SL-04


Date & Time	Filter Weight (g)	Weight Difference (g)	Total Drying Time (hours)	Oven Temp. (°F)	Room Temp. (°F)	Room Humid. (%)	Initials
1-1-12 11:30	N/A	N/A	0	196	69	25	
1-3-12 09:02	188.18	N/A	46	207	73	10	SSM
1-2-12 11:10	188.14	0.04	48	180	70	14	SSM
1-3-12 13:20	188.11	0.03	50	175	73	14	SSM

Comments: _____

NOTE: A copy of this page should be used for each filter bag. The Test Coordinator should sign this document when the corresponding filter has been fully processed per the instructions in Appendix I – Filter Preparation Checklist.

Test Coordinator JEFF POSKA  Date 1/3/12
 Print: _____ Signature: _____

	BWROG ECCS Strainer Bypass Test Report	
	Document No: BWROG-ECCS-TA13-004	Revision: I

	Filter Bag Preparation and Processing Procedure		
	Document No: ALION-SPP-LAB-2352-70	Revision: I	Page: A1 of A1

ATTACHMENT A – FILTER PREPARATION LOG


Date: 1-1-12 Test Number: C3-2
 Filter ID: C3-2086 Balance ID: SC-04


Date & Time	Filter Weight (g)	Weight Difference (g)	Total Drying Time (hours)	Oven Temp. (°F)	Room Temp. (°F)	Room Humid. (%)	Initials
1-1-12 11:30	N/A	N/A	0	196	69	25	SSM
1-3-12 09:04	195.65	N/A	46	207	73	10	SSM
1-3-12 11:12	195.64	0.04	48	180	70	14	SSM
1-3-12 18:22	195.71	0.02	50	175	73	14	SSM

Comments: _____

NOTE: A copy of this page should be used for each filter bag. The Test Coordinator should sign this document when the corresponding filter has been fully processed per the instructions in Appendix I – Filter Preparation Checklist.

Test Coordinator JEFF POSKA Date 1/3/12
 Print  Signature

	BWROG ECCS Strainer Bypass Test Report		
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ATTACHMENT A - FILTER PREPARATION LOG

Date: 1-1-12 Test Number: 63.2
 Filter ID: 63.209⁶ SSM Balance ID: SL-04


Date & Time	Filter Weight (g)	Weight Difference (g)	Total Drying Time (hours)	Oven Temp. (°F)	Room Temp. (°F)	Room Humid. (%)	Initials
1-1-12 11:30	N/A	N/A	0	196	69	25	JP
1-3-12 08:56	191.18	N/A	46	207	73	10	SSM
1-3-12 11:13	191.20	0.02	48	180	70	14	SSM
1-3-12 13:23	191.26	0.06	50	175	73	14	SSM


Comments: _____

NOTE: A copy of this page should be used for each filter bag. The Test Coordinator should sign this document when the corresponding filter has been fully processed per the instructions in Appendix I – Filter Preparation Checklist.

Test Coordinator JEFF POSKA  Date 1/3/12
 Print Signature


BWROG Report – GEH Class I

	BWROG ECCS Strainer Bypass Test Report		
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ATTACHMENT A – FILTER PREPARATION LOG


Date: 1-1-12 Test Number: C3-2
 Filter ID: C3-207 Balance ID: SC-04


Date & Time	Filter Weight (g)	Weight Difference (g)	Total Drying Time (hours)	Oven Temp. (°F)	Room Temp. (°F)	Room Humid. (%)	Initials
1-1-12 11:30	N/A	N/A	0	196	69	25	
1-3-12 09:09	188.41	N/A	46	207	73	10	SSM
1-3-12 11:15	188.42	0.01	48	180	70	14	SSM
1-3-12 13:25	188.35	0.07	50	175	73	14	SSM

Comments: _____

NOTE: A copy of this page should be used for each filter bag. The Test Coordinator should sign this document when the corresponding filter has been fully processed per the instructions in Appendix I – Filter Preparation Checklist.


Test Coordinator JEFF POSKA Date 1/9/12
Print  Signature

	BWROG ECCS Strainer Bypass Test Report	
	Document No: BWROG-ECCS-TA13-004	Revision: I

	Filter Bag Preparation and Processing Procedure		
	Document No: ALION-SPP-LAB-2352-70	Revision: I	Page: A1 of A1


ATTACHMENT A – FILTER PREPARATION LOG

Date: 1-1-12 Test Number: C3.2
 Filter ID: C3-208 Balance ID: SC-04


Date & Time	Filter Weight (g)	Weight Difference (g)	Total Drying Time (hours)	Oven Temp. (°F)	Room Temp. (°F)	Room Humid. (%)	Initials
1-1-12 11:30	N/A	N/A	0	196	64	25	
1-3-12 09:11	181.51	N/A	46	207	73	10	SSM
1-3-12 11:18	181.46	0.05	48	180	70	14	SSM
1-3-12 13:27	181.46	0.00	50	175	73	14	SSM


Comments: _____

NOTE: A copy of this page should be used for each filter bag. The Test Coordinator should sign this document when the corresponding filter has been fully processed per the instructions in Appendix I – Filter Preparation Checklist.

Test Coordinator JEFF PUSKA  Date 1/3/12
 Print Signature

BWROG Report – GEH Class I

	BWROG ECCS Strainer Bypass Test Report	
	Document No: BWROG-ECCS-TA13-004	Revision: I

	Filter Bag Preparation and Processing Procedure		
	Document No: ALION-SPP-LAB-2352-70	Revision: I	Page: A1 of A1

ATTACHMENT A – FILTER PREPARATION LOG

Date: 1-1-12 Test Number: C3-2
 Filter ID: C3-209 Balance ID: SC-04


Date & Time	Filter Weight (g)	Weight Difference (g)	Total Drying Time (hours)	Oven Temp. (°F)	Room Temp. (°F)	Room Humid. (%)	Initials
1-1-12 11:30	N/A	N/A	0	196	69	25	JP
1-3-12 09:14	186.83	N/A	46	207	73	10	SSM
1-3-12 11:21	186.84	0.01	48	180	70	14	SSM
1-3-12 13:29	186.80	0.04	50	175	73	14	SSM


Comments: _____

NOTE: A copy of this page should be used for each filter bag. The Test Coordinator should sign this document when the corresponding filter has been fully processed per the instructions in Appendix I – Filter Preparation Checklist.

Test Coordinator JEFF BOSKA  Date 1/3/12
Print Signature


BWROG Report – GEH Class I

	BWROG ECCS Strainer Bypass Test Report		
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ATTACHMENT A – FILTER PREPARATION LOG

Date: 1-1-12 Test Number: C3-2
 Filter ID: C3-210 Balance ID: SC-04


Date & Time	Filter Weight (g)	Weight Difference (g)	Total Drying Time (hours)	Oven Temp. (°F)	Room Temp. (°F)	Room Humid. (%)	Initials
1-1-12 11:30	N/A	N/A	0	196	69	25	
1-3-12 09:16	181.19	N/A	46	207	73	10	SGM
1-3-12 11:23	181.22	0.03	48	180	70	14	SGM
1-3-12 13:30	181.19	0.03	50	175	73	14	SGM


Comments: _____

NOTE: A copy of this page should be used for each filter bag. The Test Coordinator should sign this document when the corresponding filter has been fully processed per the instructions in Appendix 1 – Filter Preparation Checklist.

Test Coordinator JEFF POSKA Date 1/3/12

 Print  Signature

	BWROG ECCS Strainer Bypass Test Report		
	Document No: BWROG-ECCS-TA13-004	Revision: I	Page: L-118 of L-219

	Filter Bag Preparation and Processing Procedure		
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ATTACHMENT A – FILTER PREPARATION LOG


Date: 11-16-11 Test Number: C4
 Filter ID: C401 Balance ID: SC-04


Date & Time	Filter Weight (g)	Weight Difference (g)	Total Drying Time (hours)	Oven Temp. (°F)	Room Temp. (°F)	Room Humid. (%)	Initials
11-16-11 07:50	N/A	N/A	0	210	68	27	SSM
11-11-11 07:52	200.15	N/A	24	178	68	20	SSM
11-12-11 09:54	200.15	0.00	26	190	68	20	SSM
11-12-11 11:56	200.18	0.03	28	196	68	20	SSM

Comments: _____

NOTE: A copy of this page should be used for each filter bag. The Test Coordinator should sign this document when the corresponding filter has been fully processed per the instructions in Appendix I – Filter Preparation Checklist.

Test Coordinator JEFF POSKA  Date 11/17/11
Print Signature

	BWROG ECCS Strainer Bypass Test Report		
	Document No: BWROG-ECCS-TA13-004	Revision: 1	Page: L-119 of L-219

	Filter Bag Preparation and Processing Procedure		
	Document No: ALION-SPP-LAB-2352-70	Revision: 0	Page: A1 of A1

ATTACHMENT A – FILTER PREPARATION LOG

Date: 11-16-11 Test Number: C4
 Filter ID: C402 Balance ID: SC-D41


Date & Time	Filter Weight (g)	Weight Difference (g)	Total Drying Time (hours)	Oven Temp. (°F)	Room Temp. (°F)	Room Humid. (%)	Initials
11-16-11 07:50	N/A	N/A	0	210	68	27	SSM
11-17-11 07:54	196.43	N/A	24	178	68	20	SSM
11-17-11 09:56	196.42	0.01	26	190	68	20	SSM
11-17-11 11:07	196.45	0.03	28	196	68	20	SSM


Comments: _____

NOTE: A copy of this page should be used for each filter bag. The Test Coordinator should sign this document when the corresponding filter has been fully processed per the instructions in Appendix 1 – Filter Preparation Checklist.

Test Coordinator JEFF POSKA  Date 11/17/11
Print Signature

BWROG Report – GEH Class I

	BWROG ECCS Strainer Bypass Test Report		
	Document No: BWROG-ECCS-TA13-004	Revision: 1	Page: L-120 of L-219

	Filter Bag Preparation and Processing Procedure		
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ATTACHMENT A – FILTER PREPARATION LOG


Date: 11-16-11 Test Number: C4
 Filter ID: C403 Balance ID: SC-04


Date & Time	Filter Weight (g)	Weight Difference (g)	Total Drying Time (hours)	Oven Temp. (°F)	Room Temp. (°F)	Room Humid. (%)	Initials
11-16-11 07:50	N/A	N/A	0	210	68	27	SSM
11-17-11 07:55	184.20	N/A	26	178	68	20	SSM
11-17-11 09:57	184.21	0.01	26	190	68	20	SSM
11-17-11 11:59	184.24	0.03	28	196	68	20	SSM

Comments: _____

NOTE: A copy of this page should be used for each filter bag. The Test Coordinator should sign this document when the corresponding filter has been fully processed per the instructions in Appendix I – Filter Preparation Checklist.

Test Coordinator JEFF POSKA  Date 11/17/11
 Print Signature

	BWROG ECCS Strainer Bypass Test Report		
	Document No: BWROG-ECCS-TA13-004	Revision: 1	Page: L-121 of L-219

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	Document No: ALION-SPP-LAB-2352-70	Revision: 0	Page: A1 of A1

ATTACHMENT A - FILTER PREPARATION LOG

Date: 11-16-11 Test Number: C4
 Filter ID: C404 Balance ID: Sc-04

Date & Time	Filter Weight (g)	Weight Difference (g)	Total Drying Time (hours)	Oven Temp. (°F)	Room Temp. (°F)	Room Humid. (%)	Initials
<i>SSM 11-16-11</i> 11-16-11 07:25	N/A	N/A	0	210	68	27	SSM
11-17-11 07:56	185.38	N/A	27	178	68	20	SSM
11-17-11 09:58	185.43	0.05	26	190	68	20	SSM
11-11-11 12:00	185.42	0.01	28	196	68	20	SSM


Comments: _____


NOTE: A copy of this page should be used for each filter bag. The Test Coordinator should sign this document when the corresponding filter has been fully processed per the instructions in Appendix I – Filter Preparation Checklist.

Test Coordinator JEFF POSKA Date 11/17/11

 Print Signature

BWROG Report – GEH Class I

	BWROG ECCS Strainer Bypass Test Report		
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	Filter Bag Preparation and Processing Procedure		
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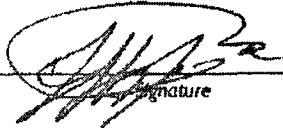
ATTACHMENT A - FILTER PREPARATION LOG

Date: 11-16-11 Test Number: C4
 Filter ID: C705 Balance ID: 5C-04


Date & Time	Filter Weight (g)	Weight Difference (g)	Total Drying Time (hours)	Oven Temp. (°F)	Room Temp. (°F)	Room Humid. (%)	Initials
11-16-11 07:50	N/A	N/A	0	210	68	27	SSM
11-17-11 07:58	178.97	N/A	2.84	178	68	20	SSM
11-17-11 09:59	178.98	0.01	2.6	190	68	20	SSM
11-17-11 12:01	178.97	0.01	2.8	196	68	20	SSM


Comments: _____

NOTE: A copy of this page should be used for each filter bag. The Test Coordinator should sign this document when the corresponding filter has been fully processed per the instructions in Appendix I – Filter Preparation Checklist.

Test Coordinator JEFF POSKA  Date 11/2/11
Print Signature

BWROG Report – GEH Class I

	BWROG ECCS Strainer Bypass Test Report		
	Document No: BWROG-ECCS-TA13-004	Revision: 1	Page: L-123 of L-219

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ATTACHMENT A – FILTER PREPARATION LOG

Date: 11-16-11 Test Number: C4
 Filter ID: C406 Balance ID: SC-014


Date & Time	Filter Weight (g)	Weight Difference (g)	Total Drying Time (hours)	Oven Temp. (°F)	Room Temp. (°F)	Room Humid. (%)	Initials
11-16-11 07:50	N/A	N/A	0	210	68	27	SSM
11-17-11 07:59	183.75	N/A	24	178	68	20	SSM
11-17-11 10:00	183.79	0.04	26	190	68	20	SSM
11-17-11 12:02	183.79	0.00	28	196	68	20	SSM


Comments: _____

NOTE: A copy of this page should be used for each filter bag. The Test Coordinator should sign this document when the corresponding filter has been fully processed per the instructions in Appendix I – Filter Preparation Checklist.

Test Coordinator JEFF POSKA  Date 11/17/11
Print Signature

BWROG Report – GEH Class I

	BWROG ECCS Strainer Bypass Test Report		
	Document No: BWROG-ECCS-TA13-004	Revision: 1	Page: L-124 of L-219

	Filter Bag Preparation and Processing Procedure		
	Document No: ALION-SPP-LAB-2352-70	Revision: 0	Page: A1 of A1

ATTACHMENT A – FILTER PREPARATION LOG

Date: 11-16-11 Test Number: C4
 Filter ID: C407 Balance ID: SC-04


Date & Time	Filter Weight (g)	Weight Difference (g)	Total Drying Time (hours)	Oven Temp. (°F)	Room Temp. (°F)	Room Humid. (%)	Initials
11-16-11 08:00	N/A	N/A	0	208	67	28	SSM
11-17-11 08:01	184.53	N/A	24	172	68	20	SSM
11-17-11 10:03	184.57	0.04	26	166	68	20	SSM
11-17-11 12:04	184.52	0.05	28	174	68	20	SSM


Comments: _____

NOTE: A copy of this page should be used for each filter bag. The Test Coordinator should sign this document when the corresponding filter has been fully processed per the instructions in Appendix I -- Filter Preparation Checklist.

Test Coordinator JEFF POSKA  Date 11/17/11
 Print signature

BWROG Report – GEH Class I

	BWROG ECCS Strainer Bypass Test Report		
	Document No: BWROG-ECCS-TA13-004	Revision: I	Page: L-125 of L-219

	Filter Bag Preparation and Processing Procedure		
	Document No: ALION-SPP-LAB-2352-70	Revision: 0	Page: A1 of A1

ATTACHMENT A – FILTER PREPARATION LOG

Date: 11-16-11 Test Number: C1
 Filter ID: C 408 Balance ID: SC-04


Date & Time	Filter Weight (g)	Weight Difference (g)	Total Drying Time (hours)	Green Temp. (°F)	Room Temp. (°F)	Room Humid. (%)	Initials
11-16-11 08:00	N/A	N/A	0	208	67	28	SSM
11-17-11 08:02	184.88	N/A	24	172	68	20	SSM
11-17-11 10:05	184.88	0.00	26	166	68	20	SSM
11-17-11 12:06	184.94	0.06	28	174	68	20	SSM


Comments: _____

NOTE: A copy of this page should be used for each filter bag. The Test Coordinator should sign this document when the corresponding filter has been fully processed per the instructions in Appendix I – Filter Preparation Checklist.

Test Coordinator: JEF 086KA  Date 11/17/11
Print Signature

BWROG Report – GEH Class I

	BWROG ECCS Strainer Bypass Test Report		
	Document No: BWROG-ECCS-TA13-004	Revision: I	Page: L-126 of L-219

	Filter Bag Preparation and Processing Procedure		
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ATTACHMENT A - FILTER PREPARATION LOG

Date: 11-17-11 Test Number: C5
 Filter ID: C505 Balance ID: SC-04


Date & Time	Filter Weight (g)	Weight Difference (g)	Total Drying Time (hours)	Oven Temp. (°F)	Room Temp. (°F)	Room Humid. (%)	Initials
11-17-11 12:50	N/A	N/A	0	146	69	20	SSM
11-18-11 12:51	187.54	N/A	24	183	69	20	SSM
11-18-11 14:28	187.55	0.01	26	175	69	20	SSM
11-18-11 16:59	187.56	0.01	28	179	70	20	SSM


Comments: _____

NOTE: A copy of this page should be used for each filter bag. The Test Coordinator should sign this document when the corresponding filter has been fully processed per the instructions in Appendix I – Filter Preparation Checklist.

Test Coordinator JEFF POSKA  Date 11/18/11
 Print Signature

BWROG Report – GEH Class I

	BWROG ECCS Strainer Bypass Test Report		
	Document No: BWROG-ECCS-TA13-004	Revision: 1	Page: L-127 of L-219

	Filter Bag Preparation and Processing Procedure		
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ATTACHMENT A – FILTER PREPARATION LOG

Date: 11-17-11 Test Number: C5
 Filter ID: C506 Balance ID: SC-04


Date & Time	Filter Weight (g)	Weight Difference (g)	Total Drying Time (hours)	Oven Temp. (°F)	Room Temp. (°F)	Room Humid. (%)	Initials
11-17-11 12:50	N/A	N/A	0	196	69	20	SSM
11-18-11 12:52	190.02	N/A	24	183	69	20	SSM
11-18-11 14:59	190.06	0.04	26	175	69	20	SSM
11-18-11 17:00	190.04	0.02	28	179	70	20	SSM


Comments: _____

NOTE: A copy of this page should be used for each filter bag. The Test Coordinator should sign this document when the corresponding filter has been fully processed per the instructions in Appendix I – Filter Preparation Checklist.

Test Coordinator JEFF PUSKA  Date 11/18/11
 Print Signature

BWROG Report – GEH Class I

	BWROG ECCS Strainer Bypass Test Report		
	Document No: BWROG-ECCS-TA13-004	Revision: 1	Page: L-128 of L-219

	Filter Bag Preparation and Processing Procedure		
	Document No: ALION-SPP-LAB-2352-70	Revision: 0	Page: A1 of A1

ATTACHMENT A – FILTER PREPARATION LOG

Date: 11-17-11 Test Number: C5
 Filter ID: C507 Balance ID: SC-04


Date & Time	Filter Weight (g)	Weight Difference (g)	Total Drying Time (hours)	Oven Temp. (°F)	Room Temp. (°F)	Room Humid. (%)	Initials
11-17-11 12:50	N/A	N/A	0	196	69	20	SSM
11-18-11 12:57	190.14	N/A	24	183	69	20	SSM
11-18-11 15:01	190.16	0.02	26	175	69	20	SSM
11-18-11 17:01	190.15	0.01	28	179	70	20	SSM


Comments: _____

NOTE: A copy of this page should be used for each filter bag. The Test Coordinator should sign this document when the corresponding filter has been fully processed per the instructions in Appendix I – Filter Preparation Checklist.

Test Coordinator JEFF POSKA  Date 11/18/11
 Print Signature

BWROG Report – GEH Class I

	BWROG ECCS Strainer Bypass Test Report		
	Document No: BWROG-ECCS-TA13-004	Revision: 1	Page: L-129 of L-219

	Filter Bag Preparation and Processing Procedure		
	Document No: ALION-SPP-LAB-2352-70	Revision: 0	Page: A1 of A1

ATTACHMENT A – FILTER PREPARATION LOG


Date: 11-17-11 Test Number: C5
 Filter ID: C508 Balance ID: SC04


Date & Time	Filter Weight (g)	Weight Difference (g)	Total Drying Time (hours)	Oven Temp. (°F)	Room Temp. (°F)	Room Humid. (%)	Initials
11-17-11 12:50	N/A	N/A	0	120	69	20	SSM
11-18-11 12:55	195.32	N/A	24	183	69	20	SSM
11-18-11 15:02	195.35	0.02	26	175	69	20	SSM
11-18-11 17:02	195.35	0.00	28	179	70	20	SSM

Comments: _____

NOTE: A copy of this page should be used for each filter bag. The Test Coordinator should sign this document when the corresponding filter has been fully processed per the instructions in Appendix I – Filter Preparation Checklist.


Test Coordinator JEFF POSKA  Date 11/18/11
Print Signature

	BWROG ECCS Strainer Bypass Test Report	
	Document No: BWROG-ECCS-TA13-004	Revision: I

	Filter Bag Preparation and Processing Procedure	
	Document No: ALION-SPP-LAB-2352-70	Revision: I

ATTACHMENT A - FILTER PREPARATION LOG

Date: 11/28/11 Test Number: 01
 Filter ID: D-01 Balance ID: SC-04


Date & Time	Filter Weight (g)	Weight Difference (g)	Total Drying Time (hours)	Oven Temp. (°F)	Room Temp. (°F)	Room Humid. (%)	Initials
11/25/11 02:55	N/A	N/A	0	143.8	68.9	39.1	
11-28-11 09:04	194.98	N/A	78	173	69	27	SSM
11-28-11 11:18	195.02	0.04	80	174	70	31	SSM
11-28-11 13:28	195.03	0.01	82	172	70	31	SSM


Comments: _____

NOTE: A copy of this page should be used for each filter bag. The Test Coordinator should sign this document when the corresponding filter has been fully processed per the instructions in Appendix 1 – Filter Preparation Checklist.

Test Coordinator JEFF PUSKA  Date 11/28/11
 Print Signature


BWROG Report – GEH Class I

	BWROG ECCS Strainer Bypass Test Report		
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	Filter Bag Preparation and Processing Procedure		
	Document No: ALION-SPP-LAB-2352-70	Revision: I	Page: A1 of A1


ATTACHMENT A - FILTER PREPARATION LOG


Date: 11/25/11 Test Number: 01
 Filter ID: D-02 Balance ID: SC-09


Date & Time	Filter Weight (g)	Weight Difference (g)	Total Drying Time (hours)	Oven Temp. (°F)	Room Temp. (°F)	Room Humid. (%)	Initials
11/25/11 02:56	N/A	N/A	0	192.6	68.9	38.9	
11-28-11 09:06	187.90	N/A	78	173	69	37	SSM
11-28-11 11:20	187.95	0.05	80	174	70	31	SSM
11-28-11 13:40	187.92	0.03	83	172	70	31	SSM

Comments: _____

NOTE: A copy of this page should be used for each filter bag. The Test Coordinator should sign this document when the corresponding filter has been fully processed per the instructions in Appendix I – Filter Preparation Checklist.

Test Coordinator JEFF POSKA  Date 11/25/11
 Print Signature

	BWROG ECCS Strainer Bypass Test Report	
	Document No: BWROG-ECCS-TA13-004	Revision: I

Filter Bag Preparation and Processing Procedure		
	Document No: ALION-SPP-LAB-2352-70	Revision: I Page: A1 of A1

ATTACHMENT A – FILTER PREPARATION LOG

Date: 11/25/11 Test Number: D1
 Filter ID: D-03 Balance ID: SC-04


Date & Time	Filter Weight (g)	Weight Difference (g)	Total Drying Time (hours)	Oven Temp. (°F)	Room Temp. (°F)	Room Humid. (%)	Initials
11/25/11 02:57	N/A	N/A	0	193.8	68.9	39.2	<i>[Signature]</i>
11-28-11 09:67	187.28 ^{0.01}	N/A	78	173	69	27	SEM
11-28-11 11:21	187.55 ^{0.01}	0.07	80	174	70	31	SEM
11-28-11 12:48	187.33 ^{0.01}	0.02	83	172	70	31	SEM

Comments: _____


NOTE: A copy of this page should be used for each filter bag. The Test Coordinator should sign this document when the corresponding filter has been fully processed per the instructions in Appendix I – Filter Preparation Checklist.

Test Coordinator JEFF POSKA  Date 11/28/11
 Print Signature

BWROG Report – GEH Class I

	BWROG ECCS Strainer Bypass Test Report	
	Document No: BWROG-ECCS-TA13-004	Revision: I

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ATTACHMENT A - FILTER PREPARATION LOG


Date: 11/25/11 Test Number: 01
 Filter ID: D-04 Balance ID: SC-04


Date & Time	Filter Weight (g)	Weight Difference (g)	Total Drying Time (hours)	Oven Temp. (°F)	Room Temp. (°F)	Room Humid. (%)	Initials
11/25/11 02:50	N/A	N/A	0	142.8	68.7	39.2	SSM
11-25-11 09:08	184.29	N/A	78	113	69	27	SSM
11-25-11 11:22	184.36	0.07	80	124	70	31	SSM
11-25-11 13:43	184.33	0.03	83	122	70	31	SSM

Comments: _____

NOTE: A copy of this page should be used for each filter bag. The Test Coordinator should sign this document when the corresponding filter has been fully processed per the instructions in Appendix I - Filter Preparation Checklist.

Test Coordinator JEFF POSKA  Date 11/28/11
Print Signature

	BWROG ECCS Strainer Bypass Test Report		
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	Filter Bag Preparation and Processing Procedure		
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ATTACHMENT A – FILTER PREPARATION LOG

Date: 11/25/11 Test Number: D1
 Filter ID: D-05 Balance ID: 5604


Date & Time	Filter Weight (g)	Weight Difference (g)	Total Drying Time (hours)	Oven Temp. (°F)	Room Temp. (°F)	Room Humid. (%)	Initials
11/25/11 02:59	N/A	N/A	0	193.8	68.9	39.1	<i>[Signature]</i>
11-28-11 09:10	187.87	N/A	78	113	69	27	SSM
11-28-11 11:24	187.92	0.05	80	124	70	31	SSM
11-28-11 13:46	187.90	2.02	83	122	70	31	SSM


Comments: _____

NOTE: A copy of this page should be used for each filter bag. The Test Coordinator should sign this document when the corresponding filter has been fully processed per the instructions in Appendix I – Filter Preparation Checklist.

Test Coordinator JEFF POSKA  Date 11/28/11
 Print Signature

BWROG Report – GEH Class I

	BWROG ECCS Strainer Bypass Test Report		
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ATTACHMENT A – FILTER PREPARATION LOG

Date: 11/25/11 Test Number: D1
 Filter ID: D-06 Balance ID: SC-04


Date & Time	Filter Weight (g)	Weight Difference (g)	Total Drying Time (hours)	Oven Temp. (°F)	Room Temp. (°F)	Room Humid. (%)	Initials
11/25/11 03:00	N/A	N/A	0	193-8	68.9	39.1	<i>[Signature]</i>
11-28-11 09:11	194.14	N/A	78	173	69	27	SSM
11-28-11 11:25	194.16	0.02	80	174	70	31	SSM
11-28-11 13:49	194.18	0.02	83	172	70	31	SSM


Comments: _____

NOTE: A copy of this page should be used for each filter bag. The Test Coordinator should sign this document when the corresponding filter has been fully processed per the instructions in Appendix I – Filter Preparation Checklist.

Test Coordinator JEFF POSKA  Date 11/28/11
 Print Signature

BWROG Report – GEH Class I

	BWROG ECCS Strainer Bypass Test Report		
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	Filter Bag Preparation and Processing Procedure		
	Document No: ALION-SPP-LAB-2352-70	Revision: I	Page: A1 of A1

ATTACHMENT A – FILTER PREPARATION LOG

Date: 11/25/11 Test Number: 01
 Filter ID: D-07 Balance ID: SC04


Date & Time	Filter Weight (g)	Weight Difference (g)	Total Drying Time (hours)	Oven Temp. (°F)	Room Temp. (°F)	Room Humid. (%)	Initials
11/25/11 03:01	N/A	N/A	0	192.83	68.9	39.0	SSM
11-28-11 09:12	191.09	N/A	78	173	69	27	SSM
11-28-11 11:26	191.08	0.04	80	174	70	31	SSM
11-28-11 13:50	191.11	0.03	83	170	70	31	SSM


Comments: _____

NOTE: A copy of this page should be used for each filter bag. The Test Coordinator should sign this document when the corresponding filter has been fully processed per the instructions in Appendix I – Filter Preparation Checklist.

Test Coordinator JEFF POSKA  Date 11/28/11
 Print Signature

BWROG Report – GEH Class I

	BWROG ECCS Strainer Bypass Test Report	
	Document No: BWROG-ECCS-TA13-004	Revision: 1

	Filter Bag Preparation and Processing Procedure		
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ATTACHMENT A – FILTER PREPARATION LOG

Date: 11/25/11 Test Number: 01
 Filter ID: 0-08 Balance ID: SC-04

Date & Time	Filter Weight (g)	Weight Difference (g)	Total Drying Time (hours)	Oven Temp. (°F)	Room Temp. (°F)	Room Humid. (%)	Initials
11/25/11 03:02	N/A	N/A	0	193.8	68.9	38.8	<i>[Signature]</i>
11-28-11 09:14	185.48	N/A	78	173	69	27	SSM
11-28-11 11:27	185.56	0.08	80	174	70	31	SSM
11-28-11 13:51	185.55	0.01	83	172	70	31	SSM


Comments: _____


NOTE: A copy of this page should be used for each filter bag. The Test Coordinator should sign this document when the corresponding filter has been fully processed per the instructions in Appendix I - Filter Preparation Checklist.

Test Coordinator JEFF BOSKA Date 11/28/11

 Print Signature

BWROG Report – GEH Class I

	BWROG ECCS Strainer Bypass Test Report	
	Document No: BWROG-ECCS-TA13-004	Revision: 1

	Filter Bag Preparation and Processing Procedure		
	Document No: ALION-SPP-LAB-2352-70	Revision: 1	Page: A1 of A1

ATTACHMENT A – FILTER PREPARATION LOG

Date: 11/25/11 Test Number: D1
 Filter ID: 0-09 Balance ID: 5004


Date & Time	Filter Weight (g)	Weight Difference (g)	Total Drying Time (hours)	Oven Temp. (°F)	Room Temp. (°F)	Room Humid. (%)	Initials
11/25/11 03:03	N/A	N/A	0	143.8	68.4	38.4	
11/25/11 09:16	185.09	N/A	78	173	69	27	SSM
11/28/11 11:29	185.15	0.06	80	170	70	31	SSM
11/28/11 13:52	185.12	0.03	83	172	70	31	SSM


Comments: _____

NOTE: A copy of this page should be used for each filter bag. The Test Coordinator should sign this document when the corresponding filter has been fully processed per the instructions in Appendix I - Filter Preparation Checklist.

Test Coordinator JEFF POSKA Date 11/28/11
 Print  Signature

BWROG Report – GEH Class I

	BWROG ECCS Strainer Bypass Test Report	
	Document No: BWROG-ECCS-TA13-004	Revision: 1
		Page: L-139 of L-219

	Filter Bag Preparation and Processing Procedure	
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ATTACHMENT A – FILTER PREPARATION LOG


Date: 11/25/11 Test Number: 01
 Filter ID: D-10 Balance ID: 5C-04


Date & Time	Filter Weight (g)	Weight Difference (g)	Total Drying Time (hours)	Oven Temp. (°F)	Room Temp. (°F)	Room Humid. (%)	Initials
11/25/11 03:05	N/A	N/A	0	193-8	68.9	38.9	<i>[Signature]</i>
11-28-11 09:17	186.29	N/A	25	173	69	27	SSM
11-28-11 11:30	186.35	0.06	80	174	70	31	SSM
11-28-11 13:53	186.33	0.02	83	173	70	31	SSM

Comments: _____

NOTE: A copy of this page should be used for each filter bag. The Test Coordinator should sign this document when the corresponding filter has been fully processed per the instructions in Appendix 1 – Filter Preparation Checklist.


Test Coordinator JEFF POSKA *[Signature]* Date 11/25/11
 Print Signature

	BWROG ECCS Strainer Bypass Test Report	
	Document No: BWROG-ECCS-TA13-004	Revision: I

	Filter Bag Preparation and Processing Procedure	
	Document No: ALION-SPP-LAB-2352-70	Revision: I

ATTACHMENT A - FILTER PREPARATION LOG

Date: 11/28/11 Test Number: 01
 Filter ID: D-11 Balance ID: SC-04


Date & Time	Filter Weight (g)	Weight Difference (g)	Total Drying Time (hours)	Oven Temp. (°F)	Room Temp. (°F)	Room Humid. (%)	Initials
11/28/11 02:30	N/A	N/A	0	216	68.9	38.6	
11-28-11 09:20	188.18	N/A	7:04	185	69	28	SSM
11-28-11 11:34	188.23	0.05	81	175	70	31	SSM
11-28-11 13:57	188.23	0.00	83	186	70	31	SSM


Comments: _____

NOTE: A copy of this page should be used for each filter bag. The Test Coordinator should sign this document when the corresponding filter has been fully processed per the instructions in Appendix I – Filter Preparation Checklist.

Test Coordinator JEFF PUSKA  Date 11/28/11
 Print Signature

BWROG Report – GEH Class I

	BWROG ECCS Strainer Bypass Test Report	
	Document No: BWROG-ECCS-TA13-004	Revision: I

	Filter Bag Preparation and Processing Procedure	
	Document No: ALION-SPP-LAB-2352-70	Revision: I

ATTACHMENT A – FILTER PREPARATION LOG

Date: 11-25-11 Test Number: D1
 Filter ID: D12 Balance ID: SC-04


Date & Time	Filter Weight (g)	Weight Difference (g)	Total Drying Time (hours)	Oven Temp. (°F)	Room Temp. (°F)	Room Humid. (%)	Initials
11/25/11 02:33	N/A	N/A	0	216	68.9	39.6	SSM
11-28-11 09:22	181.54	N/A	78 ^{SSM}	185	69	28	SSM
11-28-11 11:35	181.49	0.05	81	175	70	31	SSM
11-28-11 13:58	181.53	0.04	83	186	70	31	SSM


Comments: _____

NOTE: A copy of this page should be used for each filter bag. The Test Coordinator should sign this document when the corresponding filter has been fully processed per the instructions in Appendix I – Filter Preparation Checklist.

Test Coordinator JEFF J. OSKA  Date 11/28/11
Print Signature

BWROG Report – GEH Class I

	BWROG ECCS Strainer Bypass Test Report	
	Document No: BWROG-ECCS-TA13-004	Revision: 1

	Filter Bag Preparation and Processing Procedure		
	Document No: ALION-SPP-LAB-2352-70	Revision: 1	Page: A1 of A1

ATTACHMENT A - FILTER PREPARATION LOG


Date: 11-25-11 Test Number: 01
 Filter ID: D13 Balance ID: 56051


Date & Time	Filter Weight (g)	Weight Difference (g)	Total Drying Time (hours)	Over Temp. (°F)	Room Temp. (°F)	Room Humid. (%)	Initials
11-25-11 02:05	N/A	N/A	0	216	68.9	39.6	<i>[Signature]</i>
11-28-11 09:24	182.22	N/A	7.0	185	69	28	SSM
11-28-11 11:36	182.34	0.02	8.2	175	70	51	SSM
11-28-11 13:54	182.25	0.01	8.4	186	70	31	SSM

Comments: _____

NOTE: A copy of this page should be used for each filter bag. The Test Coordinator should sign this document when the corresponding filter has been fully processed per the instructions in Appendix 1 -- Filter Preparation Checklist.

Test Coordinator JEFF PUSKA  Date 11/28/11
 Print Signature

	BWROG ECCS Strainer Bypass Test Report		
	Document No: BWROG-ECCS-TA13-004	Revision: I	Page: L-143 of L-219

	Filter Bag Preparation and Processing Procedure		
	Document No: ALION-SPP-LAB-2352-70	Revision: I	Page: A1 of A1

ATTACHMENT A - FILTER PREPARATION LOG

Date: 11/25/11 Test Number: 01
 Filter ID: 1214 Balance ID: 5C04


Date & Time	Filter Weight (g)	Weight Difference (g)	Total Drying Time (hours)	Oven Temp. (°F)	Room Temp. (°F)	Room Humid. (%)	Initials
11/25/11 02:07	N/A	N/A	0	216	68.9	39.0	SSM
11/28/11 09:26	183.83	N/A	789 ^{SSM}	185	69	28	SSM
11/28/11 11:37	183.89	0.06	82	175	70	31	SSM
11/28/11 14:00	183.86	0.03	84	186	70	31	SSM


Comments: _____

NOTE: A copy of this page should be used for each filter bag. The Test Coordinator should sign this document when the corresponding filter has been fully processed per the instructions in Appendix I – Filter Preparation Checklist.

Test Coordinator JEFF LOSKA Date 11/28/11
 Print  Signature

BWROG Report – GEH Class I

	BWROG ECCS Strainer Bypass Test Report		
	Document No: BWROG-ECCS-TA13-004	Revision: I	Page: L-144 of L-219

	Filter Bag Preparation and Processing Procedure		
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ATTACHMENT A – FILTER PREPARATION LOG


Date: 11-29-11 Test Number: 92
 Filter ID: 015 Balance ID: SC-04


Date & Time	Filter Weight (g)	Weight Difference (g)	Total Drying Time (hours)	Oven Temp. (°F)	Room Temp. (°F)	Room Humid. (%)	Initials
11-29-11 08:30	N/A	N/A	0	208	68	29	SSM
11-29-11 10:12	187.40	N/A	26	196	70	23	SSM
11-30-11 12:26	187.45	0.05	28	180	69	24	SSM
11-30-11 14:29	187.42	0.03	30	179	70	24	SSM

Comments: _____

NOTE: A copy of this page should be used for each filter bag. The Test Coordinator should sign this document when the corresponding filter has been fully processed per the instructions in Appendix I – Filter Preparation Checklist.

Test Coordinator JEFF PUSKA  Date 11/29/11
Print Signature

	BWROG ECCS Strainer Bypass Test Report		
	Document No: BWROG-ECCS-TA13-004	Revision: 1	Page: L-145 of L-219

	Filter Bag Preparation and Processing Procedure		
	Document No: ALION-SPP-LAB-2352-70	Revision: 1	Page: A1 of A1

ATTACHMENT A – FILTER PREPARATION LOG

Date: 11-29-11 Test Number: D2
 Filter ID: D16 Balance ID: SC-04


Date & Time	Filter Weight (g)	Weight Difference (g)	Total Drying Time (hours)	Oven Temp. (°F)	Room Temp. (°F)	Room Humid. (%)	Initials
11-29-11 08:36	N/A	N/A	0	208	68	29	SSM
11-30-11 10:14	182.10	N/A	26	196	70	23	SSM
11-30-11 12:27	182.15	0.05	28	180	69	24	SSM
11-30-11 14:31	182.16	0.01	30	179	70	24	SSM


Comments: _____

NOTE: A copy of this page should be used for each filter bag. The Test Coordinator should sign this document when the corresponding filter has been fully processed per the instructions in Appendix I – Filter Preparation Checklist.

Test Coordinator JEFF POSKA  Date 11/30/11
Print Signature

BWROG Report – GEH Class I

	BWROG ECCS Strainer Bypass Test Report		
	Document No: BWROG-ECCS-TA13-004	Revision: 1	Page: L-146 of L-219

	Filter Bag Preparation and Processing Procedure		
	Document No: ALION-SPP-LAB-2352-70	Revision: 1	Page: A1 of A1

ATTACHMENT A - FILTER PREPARATION LOG

Date: 11-29-11 Test Number: D2
 Filter ID: 017 Balance ID: SC-04


Date & Time	Filter Weight (g)	Weight Difference (g)	Total Drying Time (hours)	Oven Temp. (°F)	Room Temp. (°F)	Room Humid. (%)	Initials
11-29-11 08:36	N/A	N/A	0	208	68	29	SSM
11-30-11 10:16	181.77	N/A	26	196	70	23	SSM
11-30-11 12:29	181.73	0.04	28	180	69	24	SSM
11-30-11 14:31	181.73	0.00	30	179	70	24	SSM


Comments: _____

NOTE: A copy of this page should be used for each filter bag. The Test Coordinator should sign this document when the corresponding filter has been fully processed per the instructions in Appendix I - Filter Preparation Checklist.

Test Coordinator JEFF POSKA  Date 11/30/11
 Print signature

BWROG Report – GEH Class I

	BWROG ECCS Strainer Bypass Test Report	
	Document No: BWROG-ECCS-TA13-004	Revision: 1

	Filter Bag Preparation and Processing Procedure	
	Document No: ALION-SPP-LAB-2352-70	Revision: 1

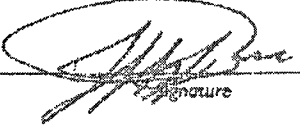
ATTACHMENT A – FILTER PREPARATION LOG

Date: 11-29-11 Test Number: D2
 Filter ID: D1B Balance ID: 6C-04


Date & Time	Filter Weight (g)	Weight Difference (g)	Total Drying Time (hours)	Oven Temp. (°F)	Room Temp. (°F)	Room Humid. (%)	Initials
11-29-11 08:36	N/A	N/A	0	208	68	29	SSM
11-30-11 10:17	197.31	N/A	26	196	70	23	SSM
11-30-11 12:30	197.36	0.05	28	180	69	24	SSM
11-30-11 14:32	197.35	0.01	30	179	70	24	SSM


Comments: _____

NOTE: A copy of this page should be used for each filter bag. The Test Coordinator should sign this document when the corresponding filter has been fully processed per the instructions in Appendix I – Filter Preparation Checklist.

Test Coordinator JEFF POSKA  Date 11/29/11
Print Signature

BWROG Report – GEH Class I

	BWROG ECCS Strainer Bypass Test Report		
	Document No: BWROG-ECCS-TAI3-004	Revision: I	Page: L-148 of L-219

	Filter Bag Preparation and Processing Procedure		
	Document No: ALION-SPP-LAB-2352-70	Revision: I	Page: A1 of A1

ATTACHMENT A – FILTER PREPARATION LOG

Date: 11-29-11 Test Number: D2
 Filter ID: D19 Balance ID: SC-04


Date & Time	Filter Weight (g)	Weight Difference (g)	Total Drying Time (hours)	Oven Temp. (°F)	Room Temp. (°F)	Room Humid. (%)	Initials
11-29-11 08:36	N/A	N/A	0	208	68	29	SSM
11-30-11 10:19	194.78	N/A	26	196	70	23	SSM
11-30-11 12:32	194.79	0.01	28	180	69	24	SSM
11-30-11 14:54	194.75	0.04	30	179	70	24	SSM


Comments: _____

NOTE: A copy of this page should be used for each filter bag. The Test Coordinator should sign this document when the corresponding filter has been fully processed per the instructions in Appendix I – Filter Preparation Checklist.

Test Coordinator JEFF PUSKA  Date 11/30/11
 Print Signature

BWROG Report – GEH Class I

	BWROG ECCS Strainer Bypass Test Report	
	Document No: BWROG-ECCS-TA13-004	Revision: 1

	Filter Bag Preparation and Processing Procedure	
	Document No: ALION-SPP-LAB-2352-70	Revision: 1

ATTACHMENT A - FILTER PREPARATION LOG


Date: 11-29-11 Test Number: D2
 Filter ID: 020 Balance ID: SC-041


Date & Time	Filter Weight (g)	Weight Difference (g)	Total Drying Time (hours)	Oven Temp. (°F)	Room Temp. (°F)	Room Humid. (%)	Initials
11-29-11 08:36	N/A	N/A	0	208	68	29	SSM
11-30-11 10:21	188.67	N/A	26	196	70	23	SSM
11-30-11 11:33	188.65	0.02	28	180	69	24	SSM
11-30-11 14:35	188.64	0.01	30	179	70	24	SSM

Comments: _____

NOTE: A copy of this page should be used for each filter bag. The Test Coordinator should sign this document when the corresponding filter has been fully processed per the instructions in Appendix I - Filter Preparation Checklist.

Test Coordinator JEFF POSKA  Date 11/29/11
 Print Signature

	BWROG ECCS Strainer Bypass Test Report		
	Document No: BWROG-ECCS-TA13-004	Revision: I	Page: L-150 of L-219

	Filter Bag Preparation and Processing Procedure		
	Document No: ALION-SPP-LAB-2352-70	Revision: I	Page: A1 of A1


ATTACHMENT A – FILTER PREPARATION LOG

Date: 11-29-11 Test Number: D2
 Filter ID: D21 Balance ID: SC-04


Date & Time	Filter Weight (g)	Weight Difference (g)	Total Drying Time (hours)	Oven Temp. (°F)	Room Temp. (°F)	Room Numbr. (N)	Initials
11-29-11 08:36	N/A	N/A	0	208	68	29	SSM
11-30-11 10:23	193.67	N/A	26	196	70	23	SSM
11-30-11 12:35	193.63	0.04	28	180	69	29	SSM
11-30-11 14:37	193.67	0.04	30	179	70	29	SSM


Comments: _____

NOTE: A copy of this page should be used for each filter bag. The Test Coordinator should sign this document when the corresponding filter has been fully processed per the instructions in Appendix I -- Filter Preparation Checklist.

Test Coordinator JEFF POSKA  Date 11/29/11
 Print Signature

BWROG Report – GEH Class I

	BWROG ECCS Strainer Bypass Test Report		
	Document No: BWROG-ECCS-TA13-004	Revision: 1	Page: L-151 of L-219

	Filter Bag Preparation and Processing Procedure		
	Document No: ALION-SPP-LAB-2352-70	Revision: 1	Page: A1 of A1

ATTACHMENT A – FILTER PREPARATION LOG

Date: 11-29-11 Test Number: D2
 Filter ID: D23 Balance ID: SC-04


Date & Time	Filter Weight (g)	Weight Difference (g)	Total Drying Time (hours)	Oven Temp. (°F)	Room Temp. (°F)	Room Humid. (%)	Initials
11-29-11 08:36	N/A	N/A	0	208	68	29	SSM
11-30-11 10:24	191.75	N/A	26	196	70	23	SSM
11-30-11 12:36	191.78	0.03	28	180	69	24	SSM
11-30-11 14:38	191.80	0.02	30	179	70	24	SSM


Comments: _____

NOTE: A copy of this page should be used for each filter bag. The Test Coordinator should sign this document when the corresponding filter has been fully processed per the instructions in Appendix I – Filter Preparation Checklist.

Test Coordinator JEFF POSKA  Date 11/29/11
 Print Signature

BWROG Report – GEH Class I

	BWROG ECCS Strainer Bypass Test Report		
	Document No: BWROG-ECCS-TA13-004	Revision: 1	Page: L-152 of L-219

	Filter Bag Preparation and Processing Procedure		
	Document No: ALION-SPP-LAB-2352-70	Revision: 1	Page: A1 of A1


ATTACHMENT A – FILTER PREPARATION LOG


Date: 11-29-11 Test Number: D2
 Filter ID: D23 Balance ID: SC-04


Date & Time	Filter Weight (g)	Weight Difference (g)	Total Drying Time (hours)	Oven Temp. (°F)	Room Temp. (°F)	Room Humid. (%)	Initials
11-29-11 08:45	N/A	N/A	0	210	68	30	SSM
11-30-11 10:28	175.58	N/A	26	186	70	23	SSM
11-30-11 12:40	175.55	0.03	28	196	69	24	SSM
11-30-11 14:42	175.58	0.03	30	188	70	25	SSM

Comments: _____

NOTE: A copy of this page should be used for each filter bag. The Test Coordinator should sign this document when the corresponding filter has been fully processed per the instructions in Appendix I – Filter Preparation Checklist.

Test Coordinator JEFF POSKA  Date 11/29/11
Print Signature

	BWROG ECCS Strainer Bypass Test Report		
	Document No: BWROG-ECCS-TA13-004	Revision: 1	Page: L-153 of L-219

	Filter Bag Preparation and Processing Procedure		
	Document No: ALION-SPP-LAB-2352-70	Revision: 1	Page: A1 of A1

ATTACHMENT A – FILTER PREPARATION LOG


Date: 11-29-11 Test Number: D2
 Filter ID: 024 Balance ID: SC-04


Date & Time	Filter Weight (g)	Weight Difference (g)	Total Drying Time (hours)	Oven Temp. (°F)	Room Temp. (°F)	Room Humid. (%)	Initials
11-29-11 08:45	N/A	N/A	0	210	68	30	SSM
11-30-11 10:30	185.98	N/A	26	176	70	23	SSM
11-30-11 12:42	185.96	0.02	28	196	69	24	SSM
11-30-11 14:44	185.96	0.00	30	188	70	25	SSM

Comments: _____

NOTE: A copy of this page should be used for each filter bag. The Test Coordinator should sign this document when the corresponding filter has been fully processed per the instructions in Appendix I – Filter Preparation Checklist.

Test Coordinator: JEFF POSKA  Date 11/29/11
 Print Signature

	BWROG ECCS Strainer Bypass Test Report		
	Document No: BWROG-ECCS-TA13-004	Revision: I	Page: L-154 of L-219

	Filter Bag Preparation and Processing Procedure		
	Document No: ALION-SPP-LAB-2352-70	Revision: I	Page: A1 of A1


ATTACHMENT A – FILTER PREPARATION LOG

Date: 11-29-11 Test Number: 02
 Filter ID: 025 Balance ID: SC04


Date & Time	Filter Weight (g)	Weight Difference (g)	Total Drying Time (hours)	Oven Temp. (°F)	Room Temp. (°F)	Room Humid. (%)	Initials
11-29-11 08:15	N/A	N/A	0	210	68	30	SSM
11-30-11 10:32	195.13	N/A	26	176	70	23	SSM
11-30-11 12:44	195.16	0.03	28	176	69	24	SSM
11-30-11 14:46	195.14	0.03	30	188	70	25	SSM


Comments: _____

NOTE: A copy of this page should be used for each filter bag. The Test Coordinator should sign this document when the corresponding filter has been fully processed per the instructions in Appendix I – Filter Preparation Checklist.

Test Coordinator JEFF POSKA  Date 11/29/11
 Print Signature

BWROG Report – GEH Class I

	BWROG ECCS Strainer Bypass Test Report	
	Document No: BWROG-ECCS-TA13-004	Revision: I

	Filter Bag Preparation and Processing Procedure	
	Document No: ALION-SPP-LAB-2352-70	Revision: I

ATTACHMENT A – FILTER PREPARATION LOG

Date: 11-29-11 Test Number: 02
 Filter ID: 026 Balance ID: SC04


Date & Time	Filter Weight (g)	Weight Difference (g)	Total Drying Time (hours)	Oven Temp. (°F)	Room Temp. (°F)	Room Humid. (%)	Initials
11-29-11 08:45	N/A	N/A	0	210	68	30	SSM
11-30-11 10:34	190.51	N/A	26	176	70	23	SSM
11-30-11 12:45	190.49	0.02	28	196	69	24	SSM
11-30-11 14:47	190.44	0.00	30	188	70	25	SSM


Comments: _____

NOTE: A copy of this page should be used for each filter bag. The Test Coordinator should sign this document when the corresponding filter has been fully processed per the instructions in Appendix I – Filter Preparation Checklist.

Test Coordinator JEFF POSKA Date 11/29/11
 Print  Signature

BWROG Report – GEH Class I

	BWROG ECCS Strainer Bypass Test Report		
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	Filter Bag Preparation and Processing Procedure		
	Document No: ALION-SPP-LAB-2352-70	Revision: 1	Page: A1 of A1

ATTACHMENT A - FILTER PREPARATION LOG

Date: 11-29-11 Test Number: D2
 Filter ID: D27 Balance ID: SC-04


Date & Time	Filter Weight (g)	Weight Difference (g)	Total Drying Time (hours)	Oven Temp. (°F)	Room Temp. (°F)	Room Humid. (%)	Initials
11-29-11 08:45	N/A	N/A	0	210	68	30	SSM
11-30-11 10:35	194.02	N/A	26	176	70	23	SSM
11-30-11 12:47	193.94	0.03	28	176	69	24	SSM
11-30-11 14:49	194.03	0.04	30	188	70	25	SSM


Comments: _____

NOTE: A copy of this page should be used for each filter bag. The Test Coordinator should sign this document when the corresponding filter has been fully processed per the instructions in Appendix I - Filter Preparation Checklist.

Test Coordinator JEFF POSKA  Date 11/29/11
 Print Signature

BWROG Report – GEH Class I

	BWROG ECCS Strainer Bypass Test Report	
	Document No: BWROG-ECCS-TA13-004	Revision: I

	Filter Bag Preparation and Processing Procedure		
	Document No: ALION-SPP-LAB-2352-70	Revision: I	Page: A1 of A1

ATTACHMENT A - FILTER PREPARATION LOG

Date: 11-29-11 Test Number: D2
 Filter ID: D2B Balance ID: SC-04


SCM
11-20-11


Date & Time	Filter Weight (g)	Weight Difference (g)	Total Drying Time (hours)	Oven Temp. (°F)	Room Temp. (°F)	Room Humid. (%)	Initials
11-29-11 08:45	N/A	N/A	0	210	68	30	SSM
11-30-11 10:37	185.80	N/A	26	176	70	23	SSM
11-30-11 12:49	185.81	0.01	28	196	69	24	SSM
11-30-11 14:50	185.82	0.01	30	188	70	25	SSM

Comments: _____

NOTE: A copy of this page should be used for each filter bag. The Test Coordinator should sign this document when the corresponding filter has been fully processed per the instructions in Appendix I - Filter Preparation Checklist.

Test Coordinator JEFF POSKA Date 11/29/11
 Print  Signature

	BWROG ECCS Strainer Bypass Test Report		
	Document No: BWROG-ECCS-TA13-004	Revision: I	Page: L-158 of L-219

	Filter Bag Preparation and Processing Procedure		
	Document No: ALION-SPP-LAB-2352-70	Revision: 0	Page: A1 of A1

ATTACHMENT A - FILTER PREPARATION LOG


Date: 11-21-11 Test Number: F1
 Filter ID: F01 Balance ID: 50-04


Date & Time	Filter Weight (g)	Weight Difference (g)	Total Drying Time (hours)	Oven Temp. (°F)	Room Temp. (°F)	Room Humid. (%)	Initials
11-21-11 9:45	N/A	N/A	0	211	66	32	FR
11-22-11 10:11	182.63	N/A	24	220	67	35	FR
11-22-11 13:19	182.68	0.05	27	195	67	37	FR
11-22-11 15:59	182.60	0.08	29	210	68	38	FR

Comments: _____

NOTE: A copy of this page should be used for each filter bag. The Test Coordinator should sign this document when the corresponding filter has been fully processed per the instructions in Appendix I – Filter Preparation Checklist.

Test Coordinator JEFF POSKA  Date 11/22/11
Print Signature

	BWROG ECCS Strainer Bypass Test Report		
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	Filter Bag Preparation and Processing Procedure		
	Document No: ALION-SPP-LAB-2352-70	Revision: 0	Page: A1 of A1

ATTACHMENT A – FILTER PREPARATION LOG

Date: 11-21-11 Test Number: F1
 Filter ID: F02 Balance ID: SK-04


Date & Time	Filter Weight (g)	Weight Difference (g)	Total Drying Time (hours)	Oven Temp (°F)	Room Temp (°F)	Room Humid (%)	Initials
11-21-11 9:49	N/A	N/A	0	211	66	33.4	MS
11-22-11 10:16	185.13	N/A	24	220	67	35	FB
11-22-11 13:21	185.17	0.04	27	195	67	37	FB
11-22-11 16:02	185.17 185.19	0.02	29	210	68	38	FB


Comments: _____

NOTE: A copy of this page should be used for each filter bag. The Test Coordinator should sign this document when the corresponding filter has been fully processed per the instructions in Appendix I – Filter Preparation Checklist.

Test Coordinator JEFF POSKA Date 11-22-11
 Print  Signature

BWROG Report – GEH Class I

	BWROG ECCS Strainer Bypass Test Report		
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	Filter Bag Preparation and Processing Procedure		
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ATTACHMENT A – FILTER PREPARATION LOG

Date: 11-21-11 Test Number: F1
 Filter ID: F03 Balance ID: SC-04

Date & Time	Filter Weight (g)	Weight Difference (g)	Total Drying Time (hours)	Oven Temp. (°F)	Room Temp. (°F)	Room Humid. (%)	Initials
11-21-11 9:49	N/A	N/A	0	211	66	33.1	MJ
11-22-11 10:18	182.60	N/A	24	220	67	35.1	MJ
11-22-11 13:22	182.65	0.05	27	195	67	37	FB
11-22-11 16:06	182.68	0.03	29	210	68	40	FB


Comments: _____


NOTE: A copy of this page should be used for each filter bag. The Test Coordinator should sign this document when the corresponding filter has been fully processed per the instructions in Appendix I – Filter Preparation Checklist.

Test Coordinator JEFF POSKA  Date 11/22/11
 Print Signature

Use or disclosure of this document is subject to the restriction on the Cover Page.

BWROG Report – GEH Class I

	BWROG ECCS Strainer Bypass Test Report		
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ATTACHMENT A – FILTER PREPARATION LOG

Date: 11-21-11 Test Number: F1
 Filter ID: F04 Balance ID: SC-04


Date & Time	Filter Weight (g)	Weight Difference (g)	Total Drying Time (hours)	Oven Temp. (°F)	Room Temp. (°F)	Room Humid. (%)	Initials
11-21-11 9:50	N/A	N/A	0	211	66.1	33	MS
11-22-11 10:20	191.51	N/A	24	220	67.1	35.1	MS
11-22-11 13:25	191.63	0.12	27	195	67	37	FR
11-22-11 16:09	191.55	0.08	29	210	68	36	MS
11-22-11 19:24	191.60	0.05	32	207	68	37	MS


Comments: _____

NOTE: A copy of this page should be used for each filter bag. The Test Coordinator should sign this document when the corresponding filter has been fully processed per the instructions in Appendix I – Filter Preparation Checklist.

Test Coordinator JEFF POSKA  Date 11/22/11
 Print: _____ Signature: _____

BWROG Report – GEH Class I

	BWROG ECCS Strainer Bypass Test Report		
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	Filter Bag Preparation and Processing Procedure		
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ATTACHMENT A – FILTER PREPARATION LOG

Date: 11-21-11 Test Number: F1
 Filter ID: F05 Balance ID: SC-04

Date & Time	Filter Weight (g)	Weight Difference (g)	Total Drying Time (hours)	Oven Temp. (°F)	Room Temp. (°F)	Room Humid. (%)	Initials
11-21-11 9:50	N/A	N/A	0	211	66.1	37.9	MJ
11-21-11 10:21	187.59	N/A	24	220	67.1	38.2	MJ
11-22-11 13:26	187.76	0.17	27	195	67	37	FB
11-22-11 16:11	187.65	0.11	29	210	68	36	MJ
11-22-11 19:31	187.70	0.05	32	207	68	37	MJ
11-23-11 9:41	187.83	0.13	46	165	69.4	29.5	MJ
11-23-11 13:36	187.80	0.03	450	158	68	34.4	MJ
11-23-11 15:37	187.79	0.05	52	202	70.5	34.1	MJ

MJ
11/22/11


MJ
11/23/11


Comments: _____

NOTE: A copy of this page should be used for each filter bag. The Test Coordinator should sign this document when the corresponding filter has been fully processed per the instructions in Appendix I – Filter Preparation Checklist.

Test Coordinator JEFF POSKA  Date 11/23/11
 Print Signature

BWROG Report – GEH Class I

	BWROG ECCS Strainer Bypass Test Report		
	Document No: BWROG-ECCS-TA13-004	Revision: 1	Page: L-163 of L-219

	Filter Bag Preparation and Processing Procedure		
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ATTACHMENT A – FILTER PREPARATION LOG

Date: 11/21/11 Test Number: F1
 Filter ID: F06 Balance ID: SC-04


Date & Time	Filter Weight (g)	Weight Difference (g)	Total Drying Time (Hours)	Oven Temp. (°F)	Room Temp. (°F)	Room Humid. (%)	Initials
11-21-11 9:51	N/A	N/A	0	211	66.7	39.0	MS
11-21-11 10:21	188.15	N/A	24	220	66.9	35.2	MS
11-21-11 13:22	188.11	0.04	27	195	67	37	FB
11-22-11 16:13	188.10	0.01	29-30	210	68	36	FB


Comments: _____

NOTE: A copy of this page should be used for each filter bag. The Test Coordinator should sign this document when the corresponding filter has been fully processed per the instructions in Appendix I – Filter Preparation Checklist.

Test Coordinator JEFF PUSKA  Date 11/22/11
 Print Signature

BWROG Report – GEH Class I

	BWROG ECCS Strainer Bypass Test Report		
	Document No: BWROG-ECCS-TA13-004	Revision: I	Page: L-164 of L-219

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	Document No: ALION-SPP-LAB-2352-70	Revision: 0	Page: A1 of A1

ATTACHMENT A – FILTER PREPARATION LOG

Date: 11-21-11 Test Number: F1
 Filter ID: F07 Balance ID: 58-04


Date & Time	Filter Weight (g)	Weight Difference (g)	Total Drying Time (hours)	Oven Temp. (°F)	Room Temp. (°F)	Room Humid. (%)	Initials
11-21-11 9:53	N/A	N/A	0	211	66.5	37.4	MS
11-22-11 10:22	183.43	N/A FB	24	270	67.0	35.1	MS
11-22-11 13:30	183.45	0.02 "	45 27	195	67	37	FB
11-22-11 16:14	183.49	0.04	30	210	68	36	FB


Comments: _____

NOTE: A copy of this page should be used for each filter bag. The Test Coordinator should sign this document when the corresponding filter has been fully processed per the instructions in Appendix I – Filter Preparation Checklist.

Test Coordinator JEFF PUSKA Date 11/22/11
 Print  Signature

BWROG Report – GEH Class I

	BWROG ECCS Strainer Bypass Test Report		
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	Filter Bag Preparation and Processing Procedure		
	Document No: ALION-SPP-LAB-2352-70	Revision: 0	Page: A1 of A1

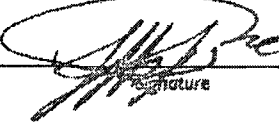
ATTACHMENT A – FILTER PREPARATION LOG

Date: 11-21-11 Test Number: F2
 Filter ID: F08 Balance ID: 56-04


Date & Time	Filter Weight (g)	Weight Difference (g)	Total Drying Time (hours)	Oven Temp. (°F)	Room Temp. (°F)	Room Humid. (%)	Initials
11-21-11 9:53	N/A	N/A	0	211	66.1	32.7	MS
11-22-11 10:23	189.53	N/A	24	220	66.8	35.2	MS
11-22-11 13:32	189.50	0.03	27	195	67	37	FB
11-22-11 16:17	189.49	0.01	30	210	69	36	FB


Comments: _____

NOTE: A copy of this page should be used for each filter bag. The Test Coordinator should sign this document when the corresponding filter has been fully processed per the instructions in Appendix I – Filter Preparation Checklist.

Test Coordinator JEFF POSKA  Date 11/22/11
 Print Signature

BWROG Report – GEH Class I

	BWROG ECCS Strainer Bypass Test Report		
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ATTACHMENT A – FILTER PREPARATION LOG


Date: 11-21-11 Test Number: F2
 Filter ID: F09 Balance ID: 50-04


Date & Time	Filter Weight (g)	Weight Difference (g)	Total Drying Time (hours)	Oven Temp. (°F)	Room Temp. (°F)	Room Humid. (%)	Initials
11-21-11 9:34	N/A	N/A	0	211	66.5	32.3	MJ
11-22-11 10:24	191.92	N/A	24	220	66.4	35.1	MJ
11-22-11 13:33	191.86	0.06	27	195	67	37	FB
11-22-11 16:19	191.88	0.02	30	210	68	37	FB

Comments: _____

NOTE: A copy of this page should be used for each filter bag. The Test Coordinator should sign this document when the corresponding filter has been fully processed per the instructions in Appendix 1 – Filter Preparation Checklist.

Test Coordinator JEFF POSKA  Date 11/22/11
Print Signature

	BWROG ECCS Strainer Bypass Test Report		
	Document No: BWROG-ECCS-TA13-004	Revision: 1	Page: L-167 of L-219

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	Document No: ALION-SPP-LAB-2352-70	Revision: 0	Page: A1 of A1

ATTACHMENT A - FILTER PREPARATION LOG

Date: 11-21-11 Test Number: F2
 Filter ID: F10 Balance ID: SC-04


Date & Time	Filter Weight (g)	Weight Difference (g)	Total Drying Time (hours)	Oven Temp. (°F)	Room Temp. (°F)	Room Humid. (%)	Initials
11-21-11 9:54	N/A	N/A	0	211	66.7	32.2	MS
11-22-11 10:24	196.38	N/A	24	220	66.9	31.3	MS
11-22-11 13:34	196.34	0.04	27	195	67	37	FB
11-22-11 16:21	196.36	0.02	30	210	68	37	FB


Comments: _____

NOTE: A copy of this page should be used for each filter bag. The Test Coordinator should sign this document when the corresponding filter has been fully processed per the instructions in Appendix I – Filter Preparation Checklist.

Test Coordinator JEFF POSKA  Date 11/22/11
Print Signature

BWROG Report – GEH Class I

	BWROG ECCS Strainer Bypass Test Report		
	Document No: BWROG-ECCS-TA13-004	Revision: 1	Page: L-168 of L-219

	Filter Bag Preparation and Processing Procedure		
	Document No: ALION-SPP-LAB-2352-70	Revision: 0	Page: A1 of A1

ATTACHMENT A – FILTER PREPARATION LOG


Date: 11-21-11 Test Number: F2
 Filter ID: F11 Balance ID: SC-04


Date & Time	Filter Weight (g)	Weight Difference (g)	Total Drying Time (hours)	Oven Temp. (°F)	Room Temp. (°F)	Room Humid. (%)	Initials
11-21-11 9:57	N/A	N/A	0	720	66.9	31.5	MS
11-22-11 10:25	183.264	N/A	24	192	67	35.2	MS
11-22-11 13:37	182.97	0.27	27	195	67	37	FB
11-22-11 16:27	183.01	0.04	30	188	68	37	FB
11-22-11 19:53	182.96	0.05	33	196	68	36	FB

Comments: _____

NOTE: A copy of this page should be used for each filter bag. The Test Coordinator should sign this document when the corresponding filter has been fully processed per the instructions in Appendix I – Filter Preparation Checklist.

Test Coordinator JEFF POSKA  Date 11/22/11
 Print Nature

	BWROG ECCS Strainer Bypass Test Report	
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ATTACHMENT A – FILTER PREPARATION LOG


Date: 11-21-11 Test Number: F2
 Filter ID: F12 Balance ID: SC-04


Date & Time	Filter Weight (g)	Weight Difference (g)	Total Drying Time (hours)	Oven Temp. (°F)	Room Temp. (°F)	Room Humid. (%)	Initials
11-21-11 9:57	N/A	N/A	0	220	66.9	31.7	MJ
11-22-11 10:26	185.43	N/A	14	192	66.9	35.1	MJ
11-22-11 13:49	185.60	0.25	27	195	67	37	FB
11-22-11 16:30	185.68	0.08	30	188	68	37	FB
11-22-11 19:56	185.70	0.02	33	196	69	36	FB

Comments: _____

NOTE: A copy of this page should be used for each filter bag. The Test Coordinator should sign this document when the corresponding filter has been fully processed per the instructions in Appendix I – Filter Preparation Checklist.

Test Coordinator: JEFF POSKA Date: 11/22/11
 Print: [Signature] Signature

	BWROG ECCS Strainer Bypass Test Report		
	Document No: BWROG-ECCS-TA13-004	Revision: I	Page: L-170 of L-219

	Filter Bag Preparation and Processing Procedure		
	Document No: ALION-SPP-LAB-2152-70	Revision: 0	Page: A1 of A1

ATTACHMENT A – FILTER PREPARATION LOG


Date: 11-21-11 Test Number: F2
 Filter ID: F13 Balance ID: SC-04


Date & Time	Filter Weight (g)	Weight Difference (g)	Total Drying Time (hours)	Oven Temp. (°F)	Room Temp. (°F)	Room Humid. (%)	Initials
11-21-11 9:58	N/A	N/A	0	270	66.9	31.8	MJ
11-22-11 10:27	187.00	N/A	24	192	66.9	35.1	MJ
11-22-11 13:40	186.70	0.30	27	195	67	37	FB
11-22-11 16:32	186.77	0.07	30	188	68	37	FB
11-22-11 19:57	186.81	0.04	33	196	69	36	FB

Comments: _____

NOTE: A copy of this page should be used for each filter bag. The Test Coordinator should sign this document when the corresponding filter has been fully processed per the instructions in Appendix I – Filter Preparation Checklist.

Test Coordinator JEFF POSKA  Date 11/21/11
 Print Signature

	BWROG ECCS Strainer Bypass Test Report		
	Document No: BWROG-ECCS-TA13-004	Revision: I	Page: L-171 of L-219

	Filter Bag Preparation and Processing Procedure		
	Document No: ALION-SPP-LAB-2352-70	Revision: 0	Page: A1 of A1

ATTACHMENT A - FILTER PREPARATION LOG


Date: 11-21-11 Test Number: F2
 Filter ID: F14 Balance ID: SC-04


Date & Time	Filter Weight (g)	Weight Difference (g)	Total Drying Time (hours)	Oven Temp. (°F)	Room Temp. (°F)	Room Humid. (%)	Initials
11-21-11 9:59	N/A	N/A	0	220	66.8	31.7	MS
11-22-11 10:27	182.25	N/A	24	192	66.8	39.0	MS
11-22-11 13:43	182.00	0.25	27	195	67	37	FB
11-22-11 16:33	182.00	0.00	30	188	68	37	FB
11-22-11 20:28	182.04	0.04	34	196	68	35	FB

Comments: _____

NOTE: A copy of this page should be used for each filter bag. The Test Coordinator should sign this document when the corresponding filter has been fully processed per the instructions in Appendix I – Filter Preparation Checklist.

Test Coordinator JEFF POSKA  Date 11/22/11
 Print Signature

	BWROG ECCS Strainer Bypass Test Report		
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	Filter Bag Preparation and Processing Procedure		
	Document No: ALION-SPP-LAB-2352-70	Revision: 0	Page: A1 of A1

ATTACHMENT A – FILTER PREPARATION LOG


Date: 11-21-11 Test Number: F2
 Filter ID: F15 Balance ID: SC-04


Date & Time	Filter Weight (g)	Weight Difference (g)	Total Drying Time (Hours)	Oven Temp. (°F)	Room Temp. (°F)	Room Humid. (%)	Initials
11-21-11 10:00	N/A	N/A	0	220	66.9	31.7	MJ
11-22-11 10:28	183.24	N/A	24	192	66.7	35.0	MJ
11-22-11 13:45	183.08	0.16	27	195	67	37	FB
11-22-11 16:35	183.08	0.00	30	188	68	37	FB
11-22-11 19:50	183.10	0.02	33	196	68	36	FB

Comments: _____

NOTE: A copy of this page should be used for each filter bag. The Test Coordinator should sign this document when the corresponding filter has been fully processed per the instructions in Appendix I – Filter Preparation Checklist.

Test Coordinator JEFF PUSKA Date 11/22/11
 Print  Signature

	BWROG ECCS Strainer Bypass Test Report		
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ATTACHMENT A – FILTER PREPARATION LOG


Date: 11-21-11 Test Number: F2
 Filter ID: F16 Balance ID: SC-04


Date & Time	Filter Weight (g)	Weight Difference (g)	Total Drying Time (hours)	Oven Temp. (°F)	Room Temp. (°F)	Room Humid. (%)	Initials
11-21-11 10:00	N/A	N/A	0	270	66.8	31.9	MJ
11-22-11 10:28	189.96	N/A	24	192	66.6	31.0	MJ
11-22-11 13:47	189.92	0.04	27	195	67	37	FB
11-22-11 16:37	189.72	0.20	30	188	68	37	FB
11-22-11 20:35	189.72	0.00	34	196	69	35	FB
11-23-11 9:43	189.71	0.01	47	166	68.1	29.3	MJ

Comments: _____

NOTE: A copy of this page should be used for each filter bag. The Test Coordinator should sign this document when the corresponding filter has been fully processed per the instructions in Appendix I – Filter Preparation Checklist.

Test Coordinator JEFF POSKA  Date 11/23/11
 Print Signature

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ATTACHMENT A – FILTER PREPARATION LOG

Date: 11-21-11 Test Number: F2
 Filter ID: F17 Balance ID: SC-04


FB
11-22-11


Date & Time	Fiber Weight (g)	Weight Difference (g)	Total Drying Time (hours)	Oven Temp. (°F)	Room Temp. (°F)	Room Humid. (%)	Initials
11-21-11 10:03	N/A	N/A	0	220	66.9	31.9	MS
11-21-11 10:29	189.04	N/A	24	192	66.7	32.0	MS
11-22-11 13:48	188.80	0.24	27	195	67	37	FB
11-22-11 16:40	188.65	0.15	30	188	68	37	FB
11-22-11 20:31	188.64	0.01	34	196	69	35	FB
11-23-11 9:47	188.68	0.04	47	165	67.9	29.1	MS

Comments: _____

NOTE: A copy of this page should be used for each filter bag. The Test Coordinator should sign this document when the corresponding filter has been fully processed per the instructions in Appendix I – Filter Preparation Checklist.

Test Coordinator JEFF POSKA  Date 11/23/11
Print Signature

	BWROG ECCS Strainer Bypass Test Report		
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ATTACHMENT A – FILTER PREPARATION LOG

Date: 11-21-11 Test Number: F2
 Filter ID: F18 Balance ID: 51.04


Date & Time	Filter Weight (g)	Weight Difference (g)	Total Drying Time (hours)	Oven Temp. (°F)	Room Temp. (°F)	Room Humid. (%)	Initials
11-21-11 10:04	N/A	N/A	0	220	66.9	31.9	MJ
11-22-11 10:30	184.40	N/A	24	192	66.6	34.9	MS
11-22-11 13:50	184.10	0.30	27	195	67	37	FB
11-22-11 16:42	184.05	0.05	30	188	68	37	FB
11-22-11 20:02	184.01	0.04	33	196	69	36	FB


Comments: _____

NOTE: A copy of this page should be used for each filter bag. The Test Coordinator should sign this document when the corresponding filter has been fully processed per the instructions in Appendix I – Filter Preparation Checklist.

Test Coordinator JEFF POSKA Date 11/22/11

 Print Signature

	BWROG ECCS Strainer Bypass Test Report		
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ATTACHMENT A – FILTER PREPARATION LOG


Date: 11-22-11 Test Number: F2
 Filter ID: F19 Balance ID: SC-04


Date & Time	Filter Weight (g)	Weight Difference (g)	Total Drying Time (hours)	Oven Temp. (°F)	Room Temp. (°F)	Room Humid. (%)	Initials
11-22-11 20:25	N/A	N/A	0	207	68	36	<i>[Signature]</i>
11-25-11 01:43	184.52	N/A	65	193	68.9	40.7	<i>[Signature]</i>
11-25-11 02:43	184.58	0.06	66	186	68.9	39	<i>[Signature]</i>
11-28-11 08:39	187.58	0.00	132	198	69	27	SSM

Comments: _____

NOTE: A copy of this page should be used for each filter bag. The Test Coordinator should sign this document when the corresponding filter has been fully processed per the instructions in Appendix 1 – Filter Preparation Checklist.

Test Coordinator JEFF POSKA *[Signature]* Date 11/28/11
 Print Signature

	BWROG ECCS Strainer Bypass Test Report		
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ATTACHMENT A – FILTER PREPARATION LOG

Date: 11-22-11 Test Number: F2
 Filter ID: F20 Balance ID: SC-04


Date & Time	Filter Weight (g)	Weight Difference (g)	Total Drying Time (hours)	Oven Temp. (°F)	Room Temp. (°F)	Room Humid. (%)	Initials
11-22-11 20:24	N/A	N/A	0	207	68	36	[Signature]
11-25-11 02:10	199.12	N/A	65	193	68.9	39	[Signature]
11-25-11 04:10	199.17	0.05	67	186	68.9	39	[Signature]
11-28-11 CB 40	199.20	0.03	132	198	69	27	SSM


Comments: _____

NOTE: A copy of this page should be used for each filter bag. The Test Coordinator should sign this document when the corresponding filter has been fully processed per the instructions in Appendix I – Filter Preparation Checklist.

Test Coordinator JEFF POSKA  Date 11/28/11
 Print Signature

BWROG Report – GEH Class I

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ATTACHMENT A – FILTER PREPARATION LOG

Date: 11-22-11 Test Number: F2
 Filter ID: F21 Balance ID: SC-04


Date & Time	Filter Weight (g)	Weight Difference (g)	Total Drying Time (hours)	Oven Temp. (°F)	Room Temp. (°F)	Room Humid. (%)	Initials
11/22/11 20:23	N/A	N/A	0	207	68	35	<i>[Signature]</i>
11/22/11 02:12	188.78	N/A	65	193	68.9	38.4	<i>[Signature]</i>
11/25/11 04:12	188.85	0.07	67	186	68.9	39.3	<i>[Signature]</i>
11-28-11 08:42	188.90	0.05	132	198	69.4	27	<i>[Signature]</i>
11-28-11 10:47	188.91	0.01	134	192	69	30	<i>[Signature]</i>


Comments: _____

NOTE: A copy of this page should be used for each filter bag. The Test Coordinator should sign this document when the corresponding filter has been fully processed per the instructions in Appendix I – Filter Preparation Checklist.

Test Coordinator JEFF PGSKA *[Signature]* Date 11/28/11
 Print Signature

BWROG Report – GEH Class I

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ATTACHMENT A – FILTER PREPARATION LOG


Date: 11-22-11 Test Number: F2
 Filter ID: F22 Balance ID: SC04


Date & Time	Filter Weight (g)	Weight Difference (g)	Total Drying Time (hours)	Oven Temp. (°F)	Room Temp. (°F)	Room Humid. (%)	Initials
11-22-11 20:21	N/A	N/A	0	207	68	36	<i>[Signature]</i>
11-25-11 02:13	177.80	N/A	65	193	68.9	39	<i>[Signature]</i>
11-25-11 04:13	177.85	0.05	67	186	68.4	39	<i>[Signature]</i>
11-28-11 08:43	177.88	0.03	132	198	69.4	27	SM

Comments: _____

NOTE: A copy of this page should be used for each filter bag. The Test Coordinator should sign this document when the corresponding filter has been fully processed per the instructions in Appendix I – Filter Preparation Checklist.

Test Coordinator: JEFF POSKA *[Signature]* Date 11/28/11
Print Signature

	BWROG ECCS Strainer Bypass Test Report		
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ATTACHMENT A - FILTER PREPARATION LOG

Date: 11-22-11 Test Number: F2
 Filter ID: F24 Balance ID: SC-04


Date & Time	Filter Weight (g)	Weight Difference (g)	Total Drying Time (hours)	Oven Temp. (°F)	Room Temp. (°F)	Room Humid. (%)	Initials
11-22-11 00:18	N/A	N/A	0	207	69	36	<i>[Signature]</i>
11-25-11 02:16	183.25	N/A	6.5	193	68.9	38.2	<i>[Signature]</i>
11-25-11 04:16	183.33	0.08	6.7	186	68.9	37.1	<i>[Signature]</i>
11-28-11 08:45	183.30	0.03	13.2	198	69	27	SSM


Comments: _____

NOTE: A copy of this page should be used for each filter bag. The Test Coordinator should sign this document when the corresponding filter has been fully processed per the instructions in Appendix I - Filter Preparation Checklist.

Test Coordinator JEFF POSKA *[Signature]* Date 11/28/11
Print Signature




BWROG Report – GEH Class I

	BWROG ECCS Strainer Bypass Test Report	
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ATTACHMENT A – FILTER PREPARATION LOG

Date: 11-22-11 Test Number: F2
 Filter ID: F25 Balance ID: SC-04


Date & Time	Filter Weight (g)	Weight Difference (g)	Total Drying Time (hours)	Oven Temp. (°F)	Room Temp. (°F)	Room Humid. (%)	Initials
11-22-11 20:17	N/A	N/A	0	207	68	36	
11-25-11 02:19	187.65	N/A	65	193	68.9	38.4	
11-25-11 04:19	187.72	0.07	67	186	68.9	39.1	
11-25-11 08:51	187.71	0.01	132	198	69	27	SSM


Comments: _____

NOTE: A copy of this page should be used for each filter bag. The Test Coordinator should sign this document when the corresponding filter has been fully processed per the instructions in Appendix I – Filter Preparation Checklist.

Test Coordinator JEFF POSKA  Date 11/28/11
Print Signature

BWROG Report – GEH Class I

	BWROG ECCS Strainer Bypass Test Report		
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ATTACHMENT A – FILTER PREPARATION LOG

Date: 11-22-11 Test Number: F2
 Filter ID: F26 Balance ID: SC04


Date & Time	Filter Weight (g)	Weight Difference (g)	Total Drying Time (hours)	Oven Temp. (°F)	Room Temp. (°F)	Room Humid. (%)	Initials
11-22-11 20:15	N/A	N/A	0	207	69	36	
11-24-11 02:21	190.42	N/A	6.5	193	68.9	38	
11-25-11 04:21	190.46	0.04	6.7	186	68.9	39.0	
11-28-11 08:53	190.48	0.02	13.23	198	69	27	SGM


Comments: _____

NOTE: A copy of this page should be used for each filter bag. The Test Coordinator should sign this document when the corresponding filter has been fully processed per the instructions in Appendix 1 – Filter Preparation Checklist.

Test Coordinator JEFF POSKA  Date 11/28/11
 Print Signature

BWROG Report – GEH Class I

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ATTACHMENT A – FILTER PREPARATION LOG

Date: 11-22-11 Test Number: F2
 Filter ID: F27 Balance ID: SC04


Date & Time	Filter Weight (g)	Weight Difference (g)	Total Drying Time (hours)	Oven Temp. (°F)	Room Temp. (°F)	Room Humid. (%)	Initials
11-22-11 20:14	N/A	N/A	0	207	69	36	
11-25-11 02:22	183.57	N/A	6.5	193	68.9	37.9	
11-25-11 04:22	183.52	0.05	6.7	190	68.9	39	
11-28-11 08:54	183.55	0.03	13.3	198	69	27	SSM

Comments: _____


NOTE: A copy of this page should be used for each filter bag. The Test Coordinator should sign this document when the corresponding filter has been fully processed per the instructions in Appendix I – Filter Preparation Checklist.

Test Coordinator JEFF POSKA  Date 11/28/11
Print Signature

BWROG Report – GEH Class I

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ATTACHMENT A – FILTER PREPARATION LOG

Date: 11-22-11 Test Number: F2
 Filter ID: F28 Balance ID: SC-04


Date & Time	Filter Weight (g)	Weight Difference (g)	Total Drying Time (hours)	Oven Temp. (°F)	Room Temp. (°F)	Room Humid. (%)	Initials
11/22/11 20:08	N/A	N/A	0	207	69	36	<i>[Signature]</i>
11/25/11 02:24	195.63	N/A	45	193	69.4	39.4	<i>[Signature]</i>
11/25/11 04:24	195.62	0.01	67	186	68.9	39.0	<i>[Signature]</i>
11-28-11 08:56	195.58	0.04	133	198	69	27	BSM


Comments: _____

NOTE: A copy of this page should be used for each filter bag. The Test Coordinator should sign this document when the corresponding filter has been fully processed per the instructions in Appendix I – Filter Preparation Checklist.

Test Coordinator JEFF POSKA *[Signature]* Date 11/28/11
 Print Signature

BWROG Report – GEH Class I

	BWROG ECCS Strainer Bypass Test Report		
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ATTACHMENT A – FILTER PREPARATION LOG

Date: 11-22-11 Test Number: F2
 Filter ID: F23 Balance ID: SC-04


Date & Time	Filter Weight (g)	Weight Difference (g)	Total Drying Time (hours)	Oven Temp. (°F)	Room Temp. (°F)	Room Humid. (%)	Initials
11-22-11 20:20	N/A	N/A	0	207	68	36	[Signature]
11-25-11 02:15	188.85	N/A	65	193	68.9	38.6	[Signature]
11-25-11 04:15	188.91	0.06	67	186	68.9	39.1	[Signature]
11-28-11 08:45	188.87	0.04	132	198	69	37	[Signature]


Comments: _____

NOTE: A copy of this page should be used for each filter bag. The Test Coordinator should sign this document when the corresponding filter has been fully processed per the instructions in Appendix I – Filter Preparation Checklist.

Test Coordinator JEFF PUSKA  Date 11/28/11
 Print Signature

BWROG Report – GEH Class I

	BWROG ECCS Strainer Bypass Test Report		
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ATTACHMENT A - FILTER PREPARATION LOG

Date: 11-30-11 Test Number: S1
 Filter ID: 501 Balance ID: SC-09


Date & Time	Filter Weight (g)	Weight Difference (g)	Total Drying Time (hours)	Oven Temp. (°F)	Room Temp. (°F)	Room Humid. (%)	Initials
11-30-11 15:16	N/A	N/A	0	187	71	24	SSM
12-2-11 08:10	181.56	N/A	41	192	69	26	SSM
12-2-11 10:20	181.60	0.04	43	179	70	27	SSM
12-2-11 12:40	181.58	0.02	45	184	69	27	SSM


Comments: _____

NOTE: A copy of this page should be used for each filter bag. The Test Coordinator should sign this document when the corresponding filter has been fully processed per the instructions in Appendix I – Filter Preparation Checklist.

Test Coordinator JEFF POSKA  Date 11-2-11
 Print Signature

BWROG Report – GEH Class I

	BWROG ECCS Strainer Bypass Test Report		
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ATTACHMENT A – FILTER PREPARATION LOG

Date: 11-30-11 Test Number: 81
 Filter ID: S02 Balance ID: SC-04


Date & Time	Filter Weight (g)	Weight Difference (g)	Total Drying Time (hours)	Oven Temp. (°F)	Room Temp. (°F)	Room Humid. (%)	Initials
11-30-11 15:16	N/A	N/A	0	187	71	24	SSM
12-2-11 08:12	178.49	N/A	41	193	69	26	SSM
12-2-11 10:21	178.47	0.02	43	179	70	27	SSM
12-2-11 12:41	178.78	0.01	45	184	69	27	SSM


Comments: _____

NOTE: A copy of this page should be used for each filter bag. The Test Coordinator should sign this document when the corresponding filter has been fully processed per the instructions in Appendix J – Filter Preparation Checklist.

Test Coordinator JEFF BOKA  Date 12-2-11
Print Signature

BWROG Report – GEH Class I

	BWROG ECCS Strainer Bypass Test Report		
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ATTACHMENT A – FILTER PREPARATION LOG


Date: 11-30-11 Test Number: S1
 Filter ID: 503 Balance ID: 5C-04


Date & Time	Filter Weight (g)	Weight Difference (g)	Total Drying Time (hours)	Oven Temp. (°F)	Room Temp. (°F)	Room Humid. (%)	Initials
11-30-11 15:16	N/A	N/A	0	187	71	24	SSM
12-2-11 08:14	185.24	N/A	41	192	69	26	SSM
12-2-11 10:23	185.25	0.04	43	179	70	27	SSM
12-2-11 12:43	185.31	0.06	45	184	69	27	SSM

Comments: _____

NOTE: A copy of this page should be used for each filter bag. The Test Coordinator should sign this document when the corresponding filter has been fully processed per the instructions in Appendix I – Filter Preparation Checklist.

Test Coordinator JEFF PUSKA  Date 12-2-11
 Print Signature

	BWROG ECCS Strainer Bypass Test Report		
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ATTACHMENT A – FILTER PREPARATION LOG

Date: 11-30-11 Test Number: 51
 Filter ID: 304 Balance ID: SC-04


Date & Time	Filter Weight (g)	Weight Difference (g)	Total Drying Time (hours)	Oven Temp. (°F)	Room Temp. (°F)	Room Numbr. (N)	Initials
11-30-11 15:16	N/A	N/A	0	187	71	29	SSM
12-2-11 08:16	178.37	N/A	41	192	69	26	SSM
12-2-11 10:25	178.41	0.04	43	179	70	27	SSM
12-2-11 12:44	178.38	0.03	45	184	69	27	SSM


Comments: _____

NOTE: A copy of this page should be used for each filter bag. The Test Coordinator should sign this document when the corresponding filter has been fully processed per the instructions in Appendix 1 - Filter Preparation Checklist.

Test Coordinator JEFF POSKA  Date 12-2-11
 Print Signature

BWROG Report – GEH Class I

	BWROG ECCS Strainer Bypass Test Report	
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	Filter Bag Preparation and Processing Procedure		
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ATTACHMENT A – FILTER PREPARATION LOG

Date: 11-30-11 Test Number: 51
 Filter ID: S05 Balance ID: 8C-04

Date & Time	Filter Weight (g)	Weight Difference (g)	Total Drying Time (hours)	Oven Temp. (°F)	Room Temp. (°F)	Room Humid. (%)	Initials
11-30-11 15:16	N/A	N/A	0	181	71	24	SSM
12-3-11 08:18	184.44	N/A	41	192	69	26	SSM
12-2-11 10:20	184.49	0.05	43	179	70	27	SSM
12-2-11 12:45	184.46	0.03	45	184	69	27	SSM


Comments: _____


NOTE: A copy of this page should be used for each filter bag. The Test Coordinator should sign this document when the corresponding filter has been fully processed per the instructions in Appendix I – Filter Preparation Checklist.

Test Coordinator JEFF POSKA  Date 12/3/11
 Print Signature

Use or disclosure of this document is subject to the restriction on the Cover Page.

BWROG Report – GEH Class I

	BWROG ECCS Strainer Bypass Test Report	
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ATTACHMENT A - FILTER PREPARATION LOG

Date: 11-30-11 Test Number: 51
 Filter ID: 506 Balance ID: 50-04


Date & Time	Filter Weight (g)	Weight Difference (g)	Total Drying Time (hours)	Oven Temp. (°F)	Room Temp. (°F)	Room Humid. (%)	Initials
11-30-11 15:16	N/A	N/A	0	187	71	24	SSM
12-2-11 08:20	182.87	N/A	41	192	69	26	SSM
12-2-11 10:27	182.89	0.02	43	179	70	27	SSM
12-2-11 12:47	182.93	0.04	46	184	69	27	SSM


Comments: _____

NOTE: A copy of this page should be used for each filter bag. The Test Coordinator should sign this document when the corresponding filter has been fully processed per the instructions in Appendix 1 – Filter Preparation Checklist.

Test Coordinator: JEFF POSKA  Date: 12/2/11
Print Signature

BWROG Report – GEH Class I

	BWROG ECCS Strainer Bypass Test Report		
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ATTACHMENT A – FILTER PREPARATION LOG

Date: 11-30-11 Test Number: 51
 Filter ID: 607 Balance ID: SC-04


Date & Time	Filter Weight (g)	Weight Difference (g)	Total Drying Time (hours)	Oven Temp. (°F)	Room Temp. (°F)	Room Humid. (%)	Initials
11-30-11 15:31	N/A	N/A	0	168	72	24	SSM
11-30-11 08:26	198.61	N/A	202	205	69	25	SSM
12-2-11 10:02	198.61	0.00	43	177	69	26	SSM
12-2-11 12:51	198.66	0.05	45	179	70	27	SSM


Comments: _____

NOTE: A copy of this page should be used for each filter bag. The Test Coordinator should sign this document when the corresponding filter has been fully processed per the instructions in Appendix I – Filter Preparation Checklist.

Test Coordinator JEFF POSKA  Date 12/2/11
Print Signature

BWROG Report – GEH Class I

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ATTACHMENT A – FILTER PREPARATION LOG

Date: 11-30-11 Test Number: 51
 Filter ID: 508 Balance ID: SC-04


Date & Time	Filter Weight (g)	Weight Difference (g)	Total Drying Time (hours)	Oven Temp. (°F)	Room Temp. (°F)	Room Humid. (%)	Incrats
11-30-11 15:31	N/A	N/A	0	168	72	27.4	SSM
12-2-11 08:27	198.65	N/A	41	205	69	25	SSM
12-2-11 10:34	198.70	0.05	43	177	69	26	SSM
12-2-11 18:52	198.70	0.00	45	179	70	27	SSM


Comments: _____

NOTE: A copy of this page should be used for each filter bag. The Test Coordinator should sign this document when the corresponding filter has been fully processed per the instructions in Appendix I – Filter Preparation Checklist.

Test Coordinator JEFF PRSKA  Date 12/2/11
Print Signature

BWROG Report – GEH Class I

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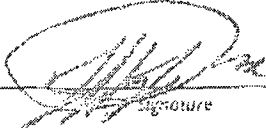
ATTACHMENT A – FILTER PREPARATION LOG

Date: 11-30-11 Test Number: 51
 Filter ID: 509 Balance ID: 5004


Date & Time	Filter Weight (g)	Weight Difference (g)	Total Drying Time (hours)	Oven Temp. (°F)	Room Temp. (°F)	Room Humid. (%)	Initials
11-30-11 15:31	N/A	N/A	0	168	72	24	SSM
12-2-11 08:49	185.42	N/A	41	205	69	25	SSM
12-2-11 10:35	185.46	0.04	43	177	69	26	SSM
12-2-11 12:59	185.43	0.03	45	174	70	27	SSM


Comments: _____

NOTE: A copy of this page should be used for each filter bag. The Test Coordinator should sign this document when the corresponding filter has been fully processed per the instructions in Appendix 1 - Filter Preparation Checklist.

Test Coordinator JEFF PUSKA  Date 12/2/11
Print Signature

BWROG Report – GEH Class I

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ATTACHMENT A – FILTER PREPARATION LOG

Date: 11-30-11 Test Number: 51
 Filter ID: S10 Balance ID: SC-04


Date & Time	Filter Weight (g)	Weight Difference (g)	Total Drying Time (hours)	Oven Temp. (°F)	Room Temp. (°F)	Room Humid. (%)	Initials
11-30-11 15:31	N/A	N/A	0	168	77	24	SSM
12-2-11 08:31	181.80	N/A	41	205	69	25	SSM
12-2-11 10:37	181.81	0.01	43	177	69	26	SSM
12-2-11 12:56	181.78	0.03	45	179	70	27	SSM

Comments: _____


NOTE: A copy of this page should be used for each filter bag. The Test Coordinator should sign this document when the corresponding filter has been fully processed per the instructions in Appendix I – Filter Preparation Checklist.

Test Coordinator JEFF POSKA  Date 12/1/11
Print Signature

BWROG Report – GEH Class I

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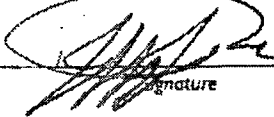
ATTACHMENT A – FILTER PREPARATION LOG

Date: 11-30-11 Test Number: SI
 Filter ID: S11 Balance ID: SC-04


Date & Time	Filter Weight (g)	Weight Difference (g)	Total Drying Time (hours)	Oven Temp. (°F)	Room Temp. (°F)	Room Humid. (%)	Initials
11-30-11 15:31	N/A	N/A	0	168	72	24	SSM
12-2-11 08:34	191.28	N/A	41	205	69	25	SSM
12-2-11 10:39	191.33	0.06	43	177	69	26	SSM
12-2-11 12:57	191.30	0.03	45	179	70	27	SSM


Comments: _____

NOTE: A copy of this page should be used for each filter bag. The Test Coordinator should sign this document when the corresponding filter has been fully processed per the instructions in Appendix I – Filter Preparation Checklist.

Test Coordinator JEFF POSKA  Date 11/2/11
 Print Signature

BWROG Report – GEH Class I

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ATTACHMENT A – FILTER PREPARATION LOG

Date: 11-30-11 Test Number: 51
 Filter ID: 512 Balance ID: SC-04


Date & Time	Filter Weight (g)	Weight Difference (g)	Total Drying Time (hours)	Oven Temp. (°F)	Room Temp. (°F)	Room Humid. (%)	Initials
11-30-11 15:21	N/A	N/A	0	168	72	24	SSM
12-2-11 08:35	189.33	N/A	41	205	69	25	SSM
12-2-11 10:40	189.37	0.04	43	177	69	26	SSM
12-2-11 12:59	189.36	0.01	45	174	70	27	SSM


Comments: _____

NOTE: A copy of this page should be used for each filter bag. The Test Coordinator should sign this document when the corresponding filter has been fully processed per the instructions in Appendix I – Filter Preparation Checklist.

Test Coordinator JEFF POSKA  Date 12/1/11
 Print Signature

BWROG Report – GEH Class I

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ATTACHMENT A – FILTER PREPARATION LOG

Date: 11-30-11 Test Number: S1
 Filter ID: 613 Balance ID: SL-001


Date & Time	Filter Weight (g)	Weight Difference (g)	Total Drying Time (hours)	Oven Temp. (°F)	Room Temp. (°F)	Room Humid. (%)	Initials
11-30-11 15:31	N/A	N/A	0	168	72	24	SSM
12-2-11 08:38	186.65	N/A	41	205	69	25	SSM
12-2-11 10:42	186.69	0.04	43	177	69	26	SSM
12-2-11 12:00	186.69	0.00	45	179	70	27	SSM


Comments: _____

NOTE: A copy of this page should be used for each filter bag. The Test Coordinator should sign this document when the corresponding filter has been fully processed per the instructions in Appendix I – Filter Preparation Checklist.

Test Coordinator JEFF POSKA  Date 12/2/11
 Print Signature

BWROG Report – GEH Class I

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ATTACHMENT A – FILTER PREPARATION LOG


Date: 11-30-11 Test Number: 51
 Filter ID: 514 Balance ID: 80-04


Date & Time	Filter Weight (g)	Weight Difference (g)	Total Drying Time (hours)	Oven Temp. (°F)	Room Temp. (°F)	Room Humid. (%)	Initials
11-30-11 15:31	N/A	N/A	0	168	72	24	SSM
12-2-11 08:39	190.83	N/A	41	205	69	25	SSM
12-2-11 10:44	190.90	0.07	43	177	69	26	SSM
12-2-11 13:02	190.85	0.05	46	179	70	27	SSM

Comments: _____

NOTE: A copy of this page should be used for each filter bag. The Test Coordinator should sign this document when the corresponding filter has been fully processed per the instructions in Appendix I – Filter Preparation Checklist.

Test Coordinator JETT MUSKA  Date 12/1/11
 Print Signature

	BWROG ECCS Strainer Bypass Test Report		
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ATTACHMENT A – FILTER PREPARATION LOG


Date: 2-20-12 Test Number: 52
 Filter ID: 112 Balance ID: SC-04


Date & Time	Filter Weight (g)	Weight Difference (g)	Total Drying Time (hours)	Oven Temp. (°F)	Room Temp. (°F)	Room Humid. (%)	Initials
2-20-12 09:35	N/A	N/A	0	216	71	15	SSM
2-21-12 09:37	205.44	N/A	2.5	186	68	25	SSM
2-21-12 13:34	205.38	0.06	28	143	70	25	SSM
2-21-12 15:53	205.39	0.01	30	188	69	28	SSM

Comments: _____

NOTE: A copy of this page should be used for each filter bag. The Test Coordinator should sign this document when the corresponding filter has been fully processed per the instructions in Appendix I – Filter Preparation Checklist.

Test Coordinator JEFF POSKA  Date 2/27/12
 Print Signature

	BWROG ECCS Strainer Bypass Test Report		
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ATTACHMENT A – FILTER PREPARATION LOG


Date: 2-20-12 Test Number: 52
 Filter ID: 113 Balance ID: SC-04


Date & Time	Filter Weight (g)	Weight Difference (g)	Total Drying Time (hours)	Oven Temp. (°F)	Room Temp. (°F)	Room Humid. (%)	Initials
2-20-12 09:35	N/A	N/A	0	210	71	15	SSM
2-21-12 10:39	201.79	N/A	25	186	68	25	SSM
2-21-12 13:35	201.80	0.01	28	193	70	25	SSM
2-21-12 15:55	201.85	0.05	30	188	69	28	SSM

Comments: _____

NOTE: A copy of this page should be used for each filter bag. The Test Coordinator should sign this document when the corresponding filter has been fully processed per the instructions in Appendix I – Filter Preparation Checklist.

Test Coordinator JEFF POSKA  Date 2/27/12
Print Signature

	BWROG ECCS Strainer Bypass Test Report		
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ATTACHMENT A – FILTER PREPARATION LOG


Date: 2-20-12 Test Number: 52
 Filter ID: 114 Balance ID: SC-04


Date & Time	Filter Weight (g)	Weight Difference (g)	Total Drying Time (hours)	Oven Temp. (°F)	Room Temp. (°F)	Room Humid. (%)	Initials
2-20-12 09:35	N/A	N/A	0	210	71	15	SSM
2-21-12 10:40	202.49	N/A	2.5	186	68	25	SSM
2-21-12 13:36	202.52	0.03	28	193	70	25	SSM
2-21-12 15:56	202.49	0.03	30	188	69	28	SSM

Comments: _____

NOTE: A copy of this page should be used for each filter bag. The Test Coordinator should sign this document when the corresponding filter has been fully processed per the instructions in Appendix I – Filter Preparation Checklist.

Test Coordinator JEFF POSKA  Date 2/27/12
 Print Signature

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ATTACHMENT A – FILTER PREPARATION LOG

Date: 2-20-12 Test Number: 52
 Filter ID: 115 Balance ID: SC-09


Date & Time	Filter Weight (g)	Weight Difference (g)	Total Drying Time (hours)	Oven Temp. (°F)	Room Temp. (°F)	Room Humid. (%)	Initials
2-20-12 09:35	N/A	N/A	0	210	71	15	SSM
2-21-12 10:42	197.72	N/A	2.5	186	68	25	SSM
2-21-12 13:38	197.71	0.01	28	193	70	25	SSM
2-21-12 15:57	197.69	0.02	30	188	69	28	SSM


Comments: _____

NOTE: A copy of this page should be used for each filter bag. The Test Coordinator should sign this document when the corresponding filter has been fully processed per the instructions in Appendix I – Filter Preparation Checklist.

Test Coordinator JEFF POSKA  Date 2/27/12
 Print Signature

BWROG Report – GEH Class I

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ATTACHMENT A – FILTER PREPARATION LOG


Date: 2-20-12 Test Number: 52
 Filter ID: 116 Balance ID: SC-04


Date & Time	Filter Weight (g)	Weight Difference (g)	Total Drying Time (hours)	Oven Temp. (°F)	Room Temp. (°F)	Room Humid. (%)	Initials
2-20-12 09:35	N/A	N/A	0	210	71	15	SSM
2-21-12 10:43	200.93	N/A	25	186	68	25	SSM
2-21-12 13:39	201.00	0.07	28	183	70	25	SSM
2-31-12 15:58	200.98	0.02	30	188	69	28	SSM

Comments: _____

NOTE: A copy of this page should be used for each filter bag. The Test Coordinator should sign this document when the corresponding filter has been fully processed per the instructions in Appendix I – Filter Preparation Checklist.

Test Coordinator JEFF POSKA  Date 2/27/12
 Print Signature

	BWROG ECCS Strainer Bypass Test Report		
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ATTACHMENT A – FILTER PREPARATION LOG

Date: 2-20-12 Test Number: 52
 Filter ID: 117 Balance ID: SC-04


Date & Time	Filter Weight (g)	Weight Difference (g)	Total Drying Time (hours)	Oven Temp. (°F)	Room Temp. (°F)	Room Humid. (%)	Initials
2-20-12 09:35	N/A	N/A	0	210	71	15	SSM
2-21-12 10:45	197.03	N/A	25	186	68	25	SSM
2-21-12 13:40	197.04	0.01	28	193	70	25	SSM
2-21-12 15:59	197.03	0.01	30	188	69	28	SSM


Comments: _____

NOTE: A copy of this page should be used for each filter bag. The Test Coordinator should sign this document when the corresponding filter has been fully processed per the instructions in Appendix I – Filter Preparation Checklist.

Test Coordinator JEFF POSKA  Date 2/27/12
 Print Signature

BWROG Report – GEH Class I

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ATTACHMENT A – FILTER PREPARATION LOG


Date: 2-22-12 Test Number: 52
 Filter ID: 118 Balance ID: SC04


Date & Time	Filter Weight (g)	Weight Difference (g)	Total Drying Time (hours)	Oven Temp. (°F)	Room Temp. (°F)	Room Humid. (%)	Initials
2-22-12 09:50	N/A	N/A	0	204	71	23	SSM
2-23-12 10:36	194.28	N/A	25	198	68	26	SSM
2-23-12 13:30	194.35	0.07	28	180	68	29	SSM
2-23-12 15:51	194.35	0.00	30	203	68	31	SSM

Comments: _____

NOTE: A copy of this page should be used for each filter bag. The Test Coordinator should sign this document when the corresponding filter has been fully processed per the instructions in Appendix I – Filter Preparation Checklist.

Test Coordinator JEFF POSKA  Date 2/27/12
 Print Signature

	BWROG ECCS Strainer Bypass Test Report		
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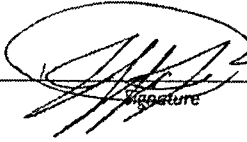
ATTACHMENT A – FILTER PREPARATION LOG


Date: 2-22-12 Test Number: 52
 Filter ID: 119 Balance ID: SC04


Date & Time	Filter Weight (g)	Weight Difference (g)	Total Drying Time (hours)	Oven Temp. (°F)	Room Temp. (°F)	Room Humid. (%)	Initials
2-22-12 09:50	N/A	N/A	0	204	71	23	SSM
2-23-12 10:37	195.32	N/A	25	190	68	26	SSM
2-23-12 13:31	195.33	0.01	28	180	68	29	SSM
2-23-12 15:02	195.37	0.04	30	203	68	31	SSM

Comments: _____

NOTE: A copy of this page should be used for each filter bag. The Test Coordinator should sign this document when the corresponding filter has been fully processed per the instructions in Appendix I – Filter Preparation Checklist.

Test Coordinator JEFF POSKA Date 2/27/12
Print  Signature

	BWROG ECCS Strainer Bypass Test Report		
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ATTACHMENT A – FILTER PREPARATION LOG

Date: 2-22-12 Test Number: 52
 Filter ID: 120 Balance ID: SC-04


Date & Time	Filter Weight (g)	Weight Difference (g)	Total Drying Time (hours)	Oven Temp. (°F)	Room Temp. (°F)	Room Humid. (%)	Initials
2-22-12 09:50	N/A	N/A	0	204	71	23	SSM
2-22-12 10:39	190.68	N/A	25	198	68	26	SSM
2-22-12 13:33	190.74	0.06	28	180	68	29	SSM
2-22-12 15:53	190.72	0.02	30	203	68	31	SSM


Comments: _____

NOTE: A copy of this page should be used for each filter bag. The Test Coordinator should sign this document when the corresponding filter has been fully processed per the instructions in Appendix I – Filter Preparation Checklist.

Test Coordinator JEFF POSKA  Date 2/27/12
 Print Signature

BWROG Report – GEH Class I

	BWROG ECCS Strainer Bypass Test Report		
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ATTACHMENT A – FILTER PREPARATION LOG

Date: 2-22-12 Test Number: 52
 Filter ID: 121 Balance ID: SC-04


Date & Time	Filter Weight (g)	Weight Difference (g)	Total Drying Time (hours)	Oven Temp. (°F)	Room Temp. (°F)	Room Humid. (%)	Initials
2-22-12 09:50	N/A	N/A	0	204	71	23	SSM
2-23-12 10:40	211.77	N/A	25	198	68	26	SSM
2-23-12 13:33	211.74	0.03	28	180	68	29	SSM
2-23-12 15:54	211.73	0.01	30	203	68	31	SSM


Comments: _____

NOTE: A copy of this page should be used for each filter bag. The Test Coordinator should sign this document when the corresponding filter has been fully processed per the instructions in Appendix I – Filter Preparation Checklist.

Test Coordinator JEFF POSKA  Date 2/27/12
 Print Signature

BWROG Report – GEH Class I

	BWROG ECCS Strainer Bypass Test Report		
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ATTACHMENT A – FILTER PREPARATION LOG

Date: 2-22-12 Test Number: 52
 Filter ID: 122 Balance ID: SC04


Date & Time	Filter Weight (g)	Weight Difference (g)	Total Drying Time (hours)	Oven Temp. (°F)	Room Temp. (°F)	Room Humid. (%)	Initials
2-22-12 09:50	N/A	N/A	0	209	71	23	SSM
2-23-12 10:42	184.51	N/A	2.5	188	68	26	SSM
2-23-12 13:36	184.53	0-02	28	180	68	29	SSM
2-23-12 15:55	184.55	0-02	30	203	68	31	SSM


Comments: _____

NOTE: A copy of this page should be used for each filter bag. The Test Coordinator should sign this document when the corresponding filter has been fully processed per the instructions in Appendix I – Filter Preparation Checklist.

Test Coordinator JEFF POSKA  Date 2/27/12
 Print Signature

BWROG Report – GEH Class I

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	Filter Bag Preparation and Processing Procedure		
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ATTACHMENT A – FILTER PREPARATION LOG


Date: 2-22-12 Test Number: 52
 Filter ID: 123 Balance ID: SC-04


Date & Time	Filter Weight (g)	Weight Difference (g)	Total Drying Time (hours)	Oven Temp. (°F)	Room Temp. (°F)	Room Humid. (%)	Initials
2-22-12 09:50	N/A	N/A	0	204	71	23	SSM
2-23-12 10:43	202-76	N/A	25	198	68	26	SSM
2-23-12 13:39	202-78	0.02	28	180	68	29	SSM
2-23-12 15:57	202-79	0.01	30	203	68	31	SSM

Comments: _____

NOTE: A copy of this page should be used for each filter bag. The Test Coordinator should sign this document when the corresponding filter has been fully processed per the instructions in Appendix I – Filter Preparation Checklist.

Test Coordinator JEFF POSKA  Date 2/27/12
Print Signature

	BWROG ECCS Strainer Bypass Test Report		
	Document No: BWROG-ECCS-TA13-004	Revision: I	Page: L-212 of L-219

	Filter Bag Preparation and Processing Procedure		
	Document No: ALION-SPP-LAB-2352-70	Revision: I	Page: A1 of A1

ATTACHMENT A – FILTER PREPARATION LOG

Date: 2-22-12 Test Number: 52
 Filter ID: 124 Balance ID: 5C-04


Date & Time	Filter Weight (g)	Weight Difference (g)	Total Drying Time (hours)	Oven Temp. (°F)	Room Temp. (°F)	Room Humid. (%)	Initials
2-22-12 09:50	N/A	N/A	0	204	71	23	SSM
2-23-12 10:44	198.83	N/A	25	198	68	26	SSM
2-23-12 13:40	198.80	0.03	28	180	68	29	SSM
2-23-12 15:58	198.80	0.00	30	203	68	31	SSM


Comments: _____

NOTE: A copy of this page should be used for each filter bag. The Test Coordinator should sign this document when the corresponding filter has been fully processed per the instructions in Appendix I – Filter Preparation Checklist.

Test Coordinator JEFF POSKA  Date 2/27/12
 Print Signature

BWROG Report – GEH Class I

	BWROG ECCS Strainer Bypass Test Report		
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	Filter Bag Preparation and Processing Procedure		
	Document No: ALION-SPP-LAB-2352-70	Revision: I	Page: A1 of A1


ATTACHMENT A – FILTER PREPARATION LOG

Date: 2-22-12 Test Number: 52
 Filter ID: 125 Balance ID: SC-04

Date & Time	Filter Weight (g)	Weight Difference (g)	Total Drying Time (hours)	Oven Temp. (°F)	Room Temp. (°F)	Room Humid. (%)	Initials
2-22-12 09:50	N/A	N/A	0	204	71	23	SSM
2-23-12 10:46	191-05	N/A	25	198	68	26	SSM
2-23-12 13:42	191-01	0.04	28	180	68	29	SSM
2-23-12 15:59	191-07	0.06	30	203	68	31	SSM


Comments: _____


NOTE: A copy of this page should be used for each filter bag. The Test Coordinator should sign this document when the corresponding filter has been fully processed per the instructions in Appendix I – Filter Preparation Checklist.

Test Coordinator JEFF POSKA  Date 2/27/12
Print Signature

Use or disclosure of this document is subject to the restriction on the Cover Page.

BWROG Report – GEH Class I

	BWROG ECCS Strainer Bypass Test Report		
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	Filter Bag Preparation and Processing Procedure		
	Document No: ALION-SPP-LAB-2352-70	Revision: I	Page: A1 of A1

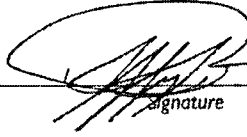
ATTACHMENT A – FILTER PREPARATION LOG

Date: 2-22-12 Test Number: 52
 Filter ID: 126 Balance ID: SC-07


Date & Time	Filter Weight (g)	Weight Difference (g)	Total Drying Time (hours)	Oven Temp. (°F)	Room Temp. (°F)	Room Humid. (%)	Initials
2-22-12 09:50	N/A	N/A	0	204	71	23	SSM
2-23-12 10:47	199.33	N/A	25	198	68	26	SSM
2-23-12 13:43	199.35	0.02	28	180	68	29	SSM
2-23-12 16:00	199.39	0.04	30	203	68	31	SSM


Comments: _____

NOTE: A copy of this page should be used for each filter bag. The Test Coordinator should sign this document when the corresponding filter has been fully processed per the instructions in Appendix I – Filter Preparation Checklist.

Test Coordinator JEFF POSKA  Date 2/27/12
 Print Signature

BWROG Report – GEH Class I

	BWROG ECCS Strainer Bypass Test Report		
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	Filter Bag Preparation and Processing Procedure		
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ATTACHMENT A – FILTER PREPARATION LOG

Date: 2-22-12 Test Number: 52
 Filter ID: 127 Balance ID: SC-01


Date & Time	Filter Weight (g)	Weight Difference (g)	Total Drying Time (hours)	Oven Temp. (°F)	Room Temp. (°F)	Room Humid. (%)	Initials
2-22-12 09:50	N/A	N/A	0	209	71	23	SSM
2-22-12 10:49	201.98	N/A	25	198	68	26	SSM
2-23-12 13:44	202.05	0.07	28	180	68	29	SSM
2-23-12 16:01	202.05	0.00	30	203	68	31	SSM


Comments: _____

NOTE: A copy of this page should be used for each filter bag. The Test Coordinator should sign this document when the corresponding filter has been fully processed per the instructions in Appendix I – Filter Preparation Checklist.

Test Coordinator JEFF POSKA  Date 2/27/12
 Print Signature

BWROG Report – GEH Class I

	BWROG ECCS Strainer Bypass Test Report		
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	Filter Bag Preparation and Processing Procedure		
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ATTACHMENT A – FILTER PREPARATION LOG

Date: 2-22-12 Test Number: 52
 Filter ID: 128 Balance ID: SC04


Date & Time	Filter Weight (g)	Weight Difference (g)	Total Drying Time (hours)	Oven Temp. (°F)	Room Temp. (°F)	Room Humid. (%)	Initials
2-22-12 10:05	N/A	N/A	0	194	69	24	SSM
2-23-12 10:55	186.73	N/A	25	175	68	27	SSM
2-23-12 13:49	186.70	0.03	28	192	68	29	SSM
2-23-12 16:15	186.73	0.03	30	172	68	31	SSM


Comments: _____

NOTE: A copy of this page should be used for each filter bag. The Test Coordinator should sign this document when the corresponding filter has been fully processed per the instructions in Appendix I – Filter Preparation Checklist.

Test Coordinator JEFF POSKA  Date 2/27/12
Print Signature

BWROG Report – GEH Class I

	BWROG ECCS Strainer Bypass Test Report		
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	Filter Bag Preparation and Processing Procedure		
	Document No: ALION-SPP-LAB-2352-70	Revision: I	Page: AI of AI

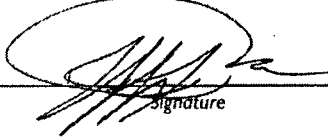
ATTACHMENT A – FILTER PREPARATION LOG

Date: 2-22-12 Test Number: 52
 Filter ID: 129 Balance ID: SC-09


Date & Time	Filter Weight (g)	Weight Difference (g)	Total Drying Time (hours)	Oven Temp. (°F)	Room Temp. (°F)	Room Humid. (%)	Initials
2-22-12 10:05	N/A	N/A	0	194	69	24	SSM
2-23-12 10:56	197.43	N/A	25	175	68	27	SSM
2-23-12 13:50	197.40	0.03	28	192	68	29	SSM
SSM 2-23-12 15:16	197.48	0.08	30	172	68	31	SSM


Comments: _____

NOTE: A copy of this page should be used for each filter bag. The Test Coordinator should sign this document when the corresponding filter has been fully processed per the instructions in Appendix I – Filter Preparation Checklist.

Test Coordinator JEFF POSKA  Date 2/22/12
Print Signature

BWROG Report – GEH Class I

	BWROG ECCS Strainer Bypass Test Report		
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ATTACHMENT A – FILTER PREPARATION LOG

Date: 2-22-12 Test Number: 52
 Filter ID: 130 Balance ID: SC-04


Date & Time	Filter Weight (g)	Weight Difference (g)	Total Drying Time (hours)	Oven Temp. (°F)	Room Temp. (°F)	Room Humid. (%)	Initials
2-22-12 10:05	N/A	N/A	0	194	69	24	SSM
2-23-12 10:58	198.88	N/A	25	175	68	27	SSM
2-23-12 13:51	198.85	0.03	28	192	68	29	SSM
2-23-12 16:17	198.86	0.01	30	172	68	31	SSM


Comments: _____

NOTE: A copy of this page should be used for each filter bag. The Test Coordinator should sign this document when the corresponding filter has been fully processed per the instructions in Appendix I -- Filter Preparation Checklist.

Test Coordinator JEFF POSKA Date 2/27/12
 Print  Signature

BWROG Report – GEH Class I

	BWROG ECCS Strainer Bypass Test Report		
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ATTACHMENT A – FILTER PREPARATION LOG

Date: 2-22-12 Test Number: 52
 Filter ID: 131 Balance ID: SC-04


Date & Time	Filter Weight (g)	Weight Difference (g)	Total Drying Time (hours)	Oven Temp. (°F)	Room Temp. (°F)	Room Humid. (%)	Initials
2-22-12 10:05	N/A	N/A	0	194	69	24	SSM
2-23-12 11:00	197.76	N/A	25	175	68	27	SSM
2-23-12 13:52	197.82	0.06	28	192	68	29	SSM
2-23-12 16:18	197.83	0.01	30	172	68	31	SSM

Comments: _____

NOTE: A copy of this page should be used for each filter bag. The Test Coordinator should sign this document when the corresponding filter has been fully processed per the instructions in Appendix I – Filter Preparation Checklist.

Test Coordinator JEFF POSKA  Date 2/27/12
 Print Signature


BWROG Report – GEH Class I


	BWROG ECCS Strainer Bypass Test Report		
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ATTACHMENT M

Filter Processing Logs

BWROG Report – GEH Class I

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	Filter Bag Preparation and Processing Procedure		
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ATTACHMENT B – FILTER PROCESSING LOG

Date: 12-22-11 Test Number: C1
 Filter ID: C1201 Balance ID: SC-09


Date & Time	Filter Weight (g)	Weight Difference (g)	Total Drying Time (hours)	Oven Temp. (°F)	Room Temp. (°F)	Room Humid. (%)	Initials
12-22-11 16:40	N/A	N/A	0	195	70	32	SSM
12-25-11 13:15	188.00	N/A	63	197	71	21	<i>[Signature]</i>
12-25-11 15:15	187.99	0.01	65	180	71	21	<i>[Signature]</i>
12-26-11 10:30	188.00	0.01	82	165	69	21	<i>[Signature]</i>


Comments: _____

NOTE: A copy of this page should be used for each filter bag. The Test Coordinator should sign this document when the corresponding filter has been fully processed per the instructions in Appendix 2 – Filter Bag Processing Checklist.

Test Coordinator JEFF POSKA Date 12/26/11
 Print *[Signature]* Signature

BWROG Report – GEH Class I

	BWROG ECCS Strainer Bypass Test Report		
	Document No: BWROG-ECCS-TA13-004	Revision: I	Page: M-3 of M-219

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ATTACHMENT B – FILTER PROCESSING LOG

Date: 12-23-11 Test Number: C1
 Filter ID: C1202 Balance ID: SC-09


Date & Time	Filter Weight (g)	Weight Difference (g)	Total Drying Time (hours)	Oven Temp. (°F)	Room Temp. (°F)	Room Humid. (%)	Initials
12-23-11 16:40	N/A	N/A	0	195	70	32	SSM
12-25-11 13:15	185.25	N/A	63	197	73	21	SSM
12-25-11 15:15	185.22	0.03	65	180	72	21	SSM
12-26-11 10:30	185.21	0.01	82	165	69	21	SSM


Comments: _____

NOTE: A copy of this page should be used for each filter bag. The Test Coordinator should sign this document when the corresponding filter has been fully processed per the instructions in Appendix 2 – Filter Bag Processing Checklist.

Test Coordinator JEFF PGSKA  Date 12/26/11
 Print Signature

BWROG Report – GEH Class I

	BWROG ECCS Strainer Bypass Test Report		
	Document No: BWROG-ECCS-TA13-004	Revision: I	Page: M-4 of M-219

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ATTACHMENT B – FILTER PROCESSING LOG


Date: 12-22-11 Test Number: C1
 Filter ID: C1203 Balance ID: SC-09


Data & Time	Filter Weight (g)	Weight Difference (g)	Total Drying Time (hours)	Oven Temp. (°F)	Room Temp. (°F)	Room Humid. (%)	Initials
12-22-11 16:40	N/A	N/A	0	195	70	32	SGM
12-25-11 13:15	193.82	N/A	63	197	71.6	21	JP
12-25-11 15:15	193.75	0.067	65	180	72	21	JP
12-26-11 10:30	193.75	0.00	82	165	69	21	JP

Comments: _____

NOTE: A copy of this page should be used for each filter bag. The Test Coordinator should sign this document when the corresponding filter has been fully processed per the instructions in Appendix 2 – Filter Bag Processing Checklist.

Test Coordinator JEFF PODKA Date 12/22/11
 Print  Signature

	BWROG ECCS Strainer Bypass Test Report		
	Document No: BWROG-ECCS-TA13-004	Revision: I	Page: M-5 of M-219

	Filter Bag Preparation and Processing Procedure		
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ATTACHMENT B – FILTER PROCESSING LOG

Date: 12-22-11 Test Number: C1
 Filter ID: C1204 Balance ID: SC-09


Date & Time	Filter Weight (g)	Weight Difference (g)	Total Drying Time (hours)	Oven Temp. (°F)	Room Temp. (°F)	Room Humid. (%)	Initials
12-22-11 16:40	N/A	N/A	0	195	70	32	SSM
12-25-11 13:15	206.20	N/A	0.3	197	71.3	21	SSM
12-25-11 15:15	206.15	0.05	0.5	190	72	21	SSM
12-26-11 10:30	206.15	0.00	8.2	145	69	21	SSM


Comments: _____

NOTE: A copy of this page should be used for each filter bag. The Test Coordinator should sign this document when the corresponding filter has been fully processed per the instructions in Appendix 2 – Filter Bag Processing Checklist.

Test Coordinator JEFF POSKA  Date 12/26/11
 Print Signature

BWROG Report – GEH Class I

	BWROG ECCS Strainer Bypass Test Report		
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	Filter Bag Preparation and Processing Procedure		
	Document No: ALION-SPP-LAB-2352-70	Revision: I	Page: B1 of B1

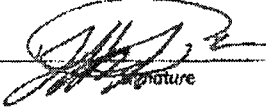
ATTACHMENT B – FILTER PROCESSING LOG

Date: 12-22-11 Test Number: C1
 Filter ID: C1206 Balance ID: SC 09


Date & Time	Filter Weight (g)	Weight Difference (g)	Total Drying Time (hours)	Oven Temp. (°F)	Room Temp. (°F)	Room Humid. (%)	Initials
12-23-11 16:40	N/A	N/A	0	195	70	32	SSM
12-25-11	194.2	N/A	0	197	71	21	SSM
12-25-11 13:15	203.92	0.00	63	197	71	21	SSM
12-25-11 15:15	203.97	0.05	65	160	71	21	SSM
12-26-11 10:30	203.96	0.01	82	165	69	21	SSM


Comments: _____

NOTE: A copy of this page should be used for each filter bag. The Test Coordinator should sign this document when the corresponding filter has been fully processed per the instructions in Appendix 2 – Filter Bag Processing Checklist.

Test Coordinator JEFF POSKA  Date 12/22/11
 Print Signature

BWROG Report – GEH Class I

	BWROG ECCS Strainer Bypass Test Report		
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	Filter Bag Preparation and Processing Procedure		
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ATTACHMENT B - FILTER PROCESSING LOG


Date: 12-23-11 Test Number: C1
 Filter ID: C1306 Balance ID: SC-09


Date & Time	Filter Weight (g)	Weight Difference (g)	Total Drying Time (hours)	Oven Temp. (°F)	Room Temp. (°F)	Room Humid. (%)	Initials
12-22-11 16:40	N/A	N/A	0	195	70	32	SGM
12-25-11 13:15	194.28	N/A	6.7	197	71	21	[Signature]
12-29-11 15:15	194.17	0.03	65	180	71	21	[Signature]
12-26-11 10:30	194.14	0.01	82	165	69	21	[Signature]

Comments: _____

NOTE: A copy of this page should be used for each filter bag. The Test Coordinator should sign this document when the corresponding filter has been fully processed per the instructions in Appendix 2 - Filter Bag Processing Checklist.




Test Coordinator JEFF PDSKA Date 12/26/11
 Print [Signature] Signature

	BWROG ECCS Strainer Bypass Test Report		
	Document No: BWROG-ECCS-TA13-004	Revision: I	Page: M-8 of M-219

	Filter Bag Preparation and Processing Procedure		
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ATTACHMENT B – FILTER PROCESSING LOG


Date: 12-23-11 Test Number: C1
 Filter ID: C1307 Balance ID: SC-04


Date & Time	Filter Weight (g)	Weight Difference (g)	Total Drying Time (hours)	Oven Temp. (°F)	Room Temp. (°F)	Room Humid. (%)	Initials
12-23-11 16:40	N/A	N/A	0	195	70	32	SSM
12-23-11 13:15	190.46	N/A	63	197	72.3	21	
12-25-11 12:45	190.98	0.02	65	180	72	21	
12-26-11 10:30	190.43	0.05	82	165	69	20	

Comments: _____

NOTE: A copy of this page should be used for each filter bag. The Test Coordinator should sign this document when the corresponding filter has been fully processed per the instructions in Appendix 2 – Filter Bag Processing Checklist.

Test Coordinator JEFF PDSKA  Date 12/26/11
 Print Signature

	BWROG ECCS Strainer Bypass Test Report		
	Document No: BWROG-ECCS-TA13-004	Revision: I	Page: M-9 of M-219

	Filter Bag Preparation and Processing Procedure		
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ATTACHMENT B – FILTER PROCESSING LOG

Date: 12-22-11 Test Number: C1
 Filter ID: C1208 Balance ID: SC04


Date & Time	Filter Weight (g)	Weight Difference (g)	Total Drying Time (hours)	Oven Temp (°F)	Room Temp (°F)	Room Humid. (%)	Initials
12-22-11 16:40	N/A	N/A	0	195	70	32	SM
12-25-11 12:15	201.43	N/A	63	197	72	21	SM
12-25-11 15:15	201.43	0.00	65	180	71	21	SM
12-26-11 10:20	201.40	0.03	82	165	69	21	SM


Comments: _____

NOTE: A copy of this page should be used for each filter bag. The Test Coordinator should sign this document when the corresponding filter has been fully processed per the instructions in Appendix 2 – Filter Bag Processing Checklist.

Test Coordinator JEFF POSKA  Date 12/26/11
 Print Signature

BWROG Report – GEH Class I

	BWROG ECCS Strainer Bypass Test Report		
	Document No: BWROG-ECCS-TA13-004	Revision: I	Page: M-10 of M-219

	Filter Bag Preparation and Processing Procedure		
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ATTACHMENT B – FILTER PROCESSING LOG


Date: 12-22-11 Test Number: C1
 Filter ID: C1209 Balance ID: SC-04


Date & Time	Filter Weight (g)	Weight Difference (g)	Total Drying Time (hours)	Oven Temp. (°F)	Room Temp. (°F)	Room Humid. (%)	Initials
12-22-11 16:40	N/A	N/A	0	195	70	32	SSM
12-25-11 13:15	196.28	N/A	6.3	197	72	21	SSM
12-25-11 15:15	196.24	0.04	6.5	190	72	21	SSM
12-26-11 10:30	196.19	0.02	8.2	145	69	21	SSM
	17.21						

Comments: _____

NOTE: A copy of this page should be used for each filter bag. The Test Coordinator should sign this document when the corresponding filter has been fully processed per the instructions in Appendix 2 – Filter Bag Processing Checklist.

Test Coordinator JEFF PUSKA  Date 01/24/11
Print Signature

	BWROG ECCS Strainer Bypass Test Report		
	Document No: BWROG-ECCS-TA13-004	Revision: I	Page: M-11 of M-219

	Filter Bag Preparation and Processing Procedure		
	Document No: ALION-SPP-LAB-2352-70	Revision: I	Page: B1 of B1

ATTACHMENT B – FILTER PROCESSING LOG

Date: 12-22-11 Test Number: C1
 Filter ID: C1210 Balance ID: GC-04


Date & Time	Filter Weight (g)	Weight Difference (g)	Total Drying Time (hours)	Oven Temp. (°F)	Room Temp. (°F)	Room Humid. (%)	Initials
12-22-11 16:40	N/A	N/A	0	195	70	32	SM
12-25-11 13:15	198.36	N/A	63	197	73	32	SM
12-25-11 15:15	198.37	0.01	65	190	71	21	SM
12-26-11 10:30	198.36	0.01	82	165	69	21	SM


Comments: _____

NOTE: A copy of this page should be used for each filter bag. The Test Coordinator should sign this document when the corresponding filter has been fully processed per the instructions in Appendix 2 – Filter Bag Processing Checklist.

Test Coordinator JEFF POSKA  Date 12/26/11
Print SIGNATURE

BWROG Report – GEH Class I

	BWROG ECCS Strainer Bypass Test Report		
	Document No: BWROG-ECCS-TA13-004	Revision: I	Page: M-12 of M-219

	Filter Bag Preparation and Processing Procedure		
	Document No: ALION-SPP-LAB-2352-70	Revision: I	Page: B1 of B1

ATTACHMENT B – FILTER PROCESSING LOG


Date: 12-22-11 Test Number: C1
 Filter ID: C1211 Balance ID: SC04


Date & Time	Filter Weight (g)	Weight Difference (g)	Total Drying Time (hours)	Oven Temp. (°F)	Room Temp. (°F)	Room Humid. (%)	Initials
12-22-11 17:10	N/A	N/A	0	199	74	31	SSM
12-25-11 13:15	198.31	N/A	64	192	72	21	SSM
12-25-11 15:15	198.32	0.01	66	204	72	21	SSM
12-26-11 10:30	198.34	0.02	63	203	69	21	SSM

Comments: _____

NOTE: A copy of this page should be used for each filter bag. The Test Coordinator should sign this document when the corresponding filter has been fully processed per the instructions in Appendix 2 – Filter Bag Processing Checklist.

Test Coordinator JEFF POSKA  Date 12/26/11
Print Signature

	BWROG ECCS Strainer Bypass Test Report		
	Document No: BWROG-ECCS-TA13-004	Revision: I	Page: M-13 of M-219

	Filter Bag Preparation and Processing Procedure		
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ATTACHMENT B – FILTER PROCESSING LOG

Date: 12-23-11 Test Number: C1
 Filter ID: C1313 Balance ID: 5204


Date & Time	Filter Weight (g)	Weight Difference (g)	Total Drying Time (hours)	Oven Temp. (°F)	Room Temp. (°F)	Room Humid. (%)	Initials
12-23-11 17:10	N/A	N/A	0	199	74	31	SSM
12-25-11 12:15	199.48	N/A	64	192	72	21	SSM
12-25-11 15:15	199.44	0.04	64	180	72	21	SSM
12-26-11 10:30	199.42	0.02	83	203	69	21	SSM


Comments: _____

NOTE: A copy of this page should be used for each filter bag. The Test Coordinator should sign this document when the corresponding filter has been fully processed per the instructions in Appendix 2 – Filter Bag Processing Checklist.

Test Coordinator JEFF POSKA  Date 12/29/11
 Print Signature




BWROG Report – GEH Class I

	BWROG ECCS Strainer Bypass Test Report		
	Document No: BWROG-ECCS-TA13-004	Revision: I	Page: M-14 of M-219

	Filter Bag Preparation and Processing Procedure		
	Document No: ALION-SPP-LAB-2352-70	Revision: I	Page: B1 of B1

ATTACHMENT B – FILTER PROCESSING LOG

Date: 12-22-11 Test Number: C1
 Filter ID: C1213 Balance ID: SC-04


Date & Time	Filter Weight (g)	Weight Difference (g)	Total Drying Time (hours)	Oven Temp. (°F)	Room Temp. (°F)	Room Humid. (%)	Initials
12-22-11 17:10	N/A	N/A	0	199	74	31	SSM
12-25-11 13:15	193.97	N/A	64	192	72	21	
12-25-11 15:15	193.90	0.07	66	180	72	21	
12-26-11 10:30	193.94	0.04	83	203	70	20	


Comments: _____

NOTE: A copy of this page should be used for each filter bag. The Test Coordinator should sign this document when the corresponding filter has been fully processed per the instructions in Appendix 2 – Filter Bag Processing Checklist.

Test Coordinator JEFF POSKA  Date 12/20/11
Print




BWROG Report – GEH Class I

	BWROG ECCS Strainer Bypass Test Report		
	Document No: BWROG-ECCS-TA13-004	Revision: I	Page: M-15 of M-219

	Filter Bag Preparation and Processing Procedure		
	Document No: ALION-SPP-LAB-2352-70	Revision: I	Page: 81 of 81

ATTACHMENT B – FILTER PROCESSING LOG

Date: 12-22-11 Test Number: C1
 Filter ID: C1214 Balance ID: 52-04


Date & Time	Filter Weight (g)	Weight Difference (g)	Total Drying Time (hours)	Oven Temp. (°F)	Room Temp. (°F)	Room Humid. (%)	Initials
12-22-11 17:10	N/A	N/A	0	199	74	31	S6M
12-25-11 13:15	190.63	N/A	64	192	72	21	
12-25-11 15:15	190.65	0.02	66	180	72	21	
12-26-11 10:35	190.61	0.04	83	203	71	20	


Comments: _____

NOTE: A copy of this page should be used for each filter bag. The Test Coordinator should sign this document when the corresponding filter has been fully processed per the instructions in Appendix 2 – Filter Bag Processing Checklist.

Test Coordinator JFFF PDSKA  Date 12/26/11
Print Signature




BWROG Report – GEH Class I

	BWROG ECCS Strainer Bypass Test Report		
	Document No: BWROG-ECCS-TA13-004	Revision: I	Page: M-16 of M-219

	Filter Bag Preparation and Processing Procedure		
	Document No: ALION-SPP-LAB-2352-70	Revision: I	Page: B1 of B1

ATTACHMENT B – FILTER PROCESSING LOG

Date: 12-23-11 Test Number: C1
 Filter ID: C1215 Balance ID: SC-04

Date & Time	Filter Weight (g)	Weight Difference (g)	Total Drying Time (hours)	Oven Temp. (°F)	Room Temp. (°F)	Room Humid. (%)	Initials
12-22-11 12:10	N/A	N/A	0	199	74	31	SSM
12-25-11 13:45	197.17	N/A	64	192	72	21	
12-25-11 15:15	197.19	0.02	66	180	72	21	
12-26-11 10:35	197.19	0.00	83	203	70	20	


Comments: _____


NOTE: A copy of this page should be used for each filter bag. The Test Coordinator should sign this document when the corresponding filter has been fully processed per the instructions in Appendix 2 – Filter Bag Processing Checklist.

Test Coordinator JEFF POSKA  Date 12/26/11
 Print Signature

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BWROG Report – GEH Class I

	BWROG ECCS Strainer Bypass Test Report		
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	Filter Bag Preparation and Processing Procedure		
	Document No: ALION-SPP-LAB-2352-70	Revision: I	Page: B1 of B1

ATTACHMENT B – FILTER PROCESSING LOG

Date: 12-23-11 Test Number: C1
 Filter ID: C1216 Balance ID: GC-04


Date & Time	Filter Weight (g)	Weight Difference (g)	Total Drying Time (hours)	Oven Temp. (°F)	Room Temp. (°F)	Room Humid. (%)	Initials
12-22-11 17:10	N/A	N/A	0	199	74	31	SSM
12-25-11 13:25	186.42	N/A	64	192	72	21	
12-25-11 15:15	186.40	0.02	66	180	72	21	
12-26-11 10:35	186.38	0.02	83	203	70	20	


Comments: _____

NOTE: A copy of this page should be used for each filter bag. The Test Coordinator should sign this document when the corresponding filter has been fully processed per the instructions in Appendix 2 – Filter Bag Processing Checklist.

Test Coordinator JEFF POSKA  Date 12/26/11
Print Signature

BWROG Report – GEH Class I

	BWROG ECCS Strainer Bypass Test Report		
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	Filter Bag Preparation and Processing Procedure		
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ATTACHMENT B – FILTER PROCESSING LOG


Date: 12-23-11 Test Number: C1
 Filter ID: C1317 Balance ID: SC-04


Date & Time	Filter Weight (g)	Weight Difference (g)	Total Drying Time (hours)	Oven Temp. (°F)	Room Temp. (°F)	Room Humid. (%)	Initials
12-22-11 17:10	N/A	N/A	0	199	74	31	SSM
12-25-11 13:15	195.56	N/A	64	192	72	21	SSM
12-25-11 15:15	195.53	0.03	66	180	72	21	SSM
12-26-11 15:30	195.50	0.03	83	203	70	20	SSM

Comments: _____

NOTE: A copy of this page should be used for each filter bag. The Test Coordinator should sign this document when the corresponding filter has been fully processed per the instructions in Appendix 2 – Filter Bag Processing Checklist.




Test Coordinator JEFF POSKA  Date 12/26/11
 Print Signature

	BWROG ECCS Strainer Bypass Test Report		
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ATTACHMENT B – FILTER PROCESSING LOG

Date: 12-22-11 Text Number: C1
 Filter ID: C1313 Balance ID: SC-04


Date & Time	Filter Weight (g)	Weight Difference (g)	Total Drying Time (hours)	Oven Temp. (°F)	Room Temp. (°F)	Room Humid. (%)	Initials
12-22-11 17:10	N/A	N/A	0	199	71	31	SGM
12-25-11 13:15	192-15	N/A	64	192	72	21	
12-25-11 15:15	192-13	0.02	66	180	72	21	
12-26-11 11:30	192-08	0.05	83	203	70	20	


Comments: _____

NOTE: A copy of this page should be used for each filter bag. The Test Coordinator should sign this document when the corresponding filter has been fully processed per the instructions in Appendix 2 – Filter Bag Processing Checklist.

Test Coordinator JEFF POSKA  Date 12/26/11
 Print Signature




BWROG Report – GEH Class I

	BWROG ECCS Strainer Bypass Test Report		
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	Filter Bag Preparation and Processing Procedure		
	Document No: ALION-SPP-LAB-2352-70	Revision: 1	Page: B1 of B1

ATTACHMENT B – FILTER PROCESSING LOG

Date: 12-23-11 Test Number: C1
 Filter ID: C1219 Balance ID: SC-04


Date & Time	Filter Weight (g)	Weight Difference (g)	Total Drying Time (hours)	Oven Temp. (°F)	Room Temp. (°F)	Room Humid. (%)	Initials
12-23-11 17:10	N/A	N/A	0	199	74	31	SSM
12-25-11 12:15	188.51	N/A	64	192	72	21	
12-25-11 15:15	188.46	0.05	66	192	72	21	
12-26-11 10:30	188.44	0.02	83	203	70	20	


Comments: _____

NOTE: A copy of this page should be used for each filter bag. The Test Coordinator should sign this document when the corresponding filter has been fully processed per the instructions in Appendix 2 – Filter Bag Processing Checklist.

Test Coordinator JEFF POSKA  Date 12/26/11
 Print Signature

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	BWROG ECCS Strainer Bypass Test Report		
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ATTACHMENT B – FILTER PROCESSING LOG

Date: 12-22-11 Test Number: C1
 Filter ID: C1220 Balance ID: SC-04


Date & Time	Filter Weight (g)	Weight Difference (g)	Total Drying Time (hours)	Oven Temp. (°F)	Room Temp. (°F)	Room Humid. (%)	Initials
12-22-11 17:10	N/A	N/A	0	199	74	31	SSM
12-25-11 13:25	191.42	N/A	64	192	72	21	SSM
12-25-11 15:15	191.60	0.02	66	180	72	21	SSM
12-26-11 10:35	191.55	0.05	63	203	70	20	SSM


Comments: _____

NOTE: A copy of this page should be used for each filter bag. The Test Coordinator should sign this document when the corresponding filter has been fully processed per the instructions in Appendix 2 – Filter Bag Processing Checklist.

Test Coordinator JEFF PUSKA Date 12/26/11
 Print  Signature

BWROG Report – GEH Class I

	BWROG ECCS Strainer Bypass Test Report		
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	Filter Bag Preparation and Processing Procedure		
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ATTACHMENT B – FILTER PROCESSING LOG

Date: 12-23-11 Test Number: C1
 Filter ID: C1221 Balance ID: SC-04


Date & Time	Filter Weight (g)	Weight Difference (g)	Total Drying Time (hours)	Oven Temp. (°F)	Room Temp. (°F)	Room Humid. (%)	Initials
12-23-11 19:15	N/A	N/A	0	197	71	30	SSM
12-25-11 13:45	196.93	N/A	6.6	185	72	21	<i>[Signature]</i>
12-25-11 15:15	196.39	0.15	6.8	181	72	21	<i>[Signature]</i>
12-26-11 10:30	196.28	0.00	8.5	188	70	20	<i>[Signature]</i>
12-26-11 12:30	196.31	0.03	8.7	188	70	20	<i>[Signature]</i>


Comments: _____

NOTE: A copy of this page should be used for each filter bag. The Test Coordinator should sign this document when the corresponding filter has been fully processed per the instructions in Appendix 2 – Filter Bag Processing Checklist.

Test Coordinator JEFF POSKA Date 12-26-11
 Print *[Signature]* Signature




BWROG Report – GEH Class I

	BWROG ECCS Strainer Bypass Test Report		
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ATTACHMENT B – FILTER PROCESSING LOG


Date: 12-22-11 Test Number: C1
 Filter ID: C1222 Balance ID: SC-04


Date & Time	Filter Weight (g)	Weight Difference (g)	Total Drying Time (hours)	Oven Temp. (°F)	Room Temp. (°F)	Room Humid. (%)	Initials
12-22-11 19:15	N/A	N/A	0	197	71	80	SSM
12-25-11 13:15	185.62	N/A	66	185	72	21	
12-25-11 15:15	185.80	0.07	68	181	72	21	
12-26-11 10:30	185.57	10.01	85	188	70	24	

Comments: _____

NOTE: A copy of this page should be used for each filter bag. The Test Coordinator should sign this document when the corresponding filter has been fully processed per the instructions in Appendix 2 – Filter Bag Processing Checklist.




Test Coordinator JEFF POSKA  Date 12/24/11
Print Signature

	BWROG ECCS Strainer Bypass Test Report		
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	Filter Bag Preparation and Processing Procedure		
	Document No: ALION-SPP-LAB-2352-70	Revision: I	Page: B1 of B1

ATTACHMENT B - FILTER PROCESSING LOG

Date: 12-22-11 Test Number: C1
 Filter ID: C1223 Balance ID: GC-04


Date & Time	Filter Weight (g)	Weight Difference (g)	Total Drying Time (hours)	Oven Temp. (°F)	Room Temp. (°F)	Room Humid. (%)	Initials
12-22-11 19:15	N/A	N/A	0	197	71	30	SSM
12-25-11 13:15	181.75	N/A	64	185	72	21	
12-25-11 15:15	181.69	0.06	68	181	72	21	
12-26-11 10:30	181.67	0.02	85	182	70	20	
12-27-11 11:35							


Comments: _____

NOTE: A copy of this page should be used for each filter bag. The Test Coordinator should sign this document when the corresponding filter has been fully processed per the instructions in Appendix 2 – Filter Bag Processing Checklist.

Test Coordinator JEFF PUSKA Date 12/26/11
 Print  Signature

BWROG Report – GEH Class I

	BWROG ECCS Strainer Bypass Test Report		
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	Filter Bag Preparation and Processing Procedure		
	Document No: ALION-SPP-LAB-2352-70	Revision: I	Page: B1 of B1

ATTACHMENT B – FILTER PROCESSING LOG

Date: 12-22-11 Test Number: C1
 Filter ID: C1224 Balance ID: SC-04


Date & Time	Filter Weight (g)	Weight Difference (g)	Total Drying Time (hours)	Oven Temp. (°F)	Room Temp. (°F)	Room Humid. (%)	Initials
12-22-11 14:15	N/A	N/A	0	147	71	30	SGM
12-25-11 13:15	173.01	N/A	66	185	72	21	[Signature]
12-25-11 15:15	172.96	0.05	68	181	72	21	[Signature]
12-26-11 10:35	172.94	0.02	85	188	70	20	[Signature]


Comments: _____

NOTE: A copy of this page should be used for each filter bag. The Test Coordinator should sign this document when the corresponding filter has been fully processed per the instructions in Appendix 2 – Filter Bag Processing Checklist.

Test Coordinator JEFF POSKA  Date 12/26/11
 Print

BWROG Report – GEH Class I

	BWROG ECCS Strainer Bypass Test Report		
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	Filter Bag Preparation and Processing Procedure		
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ATTACHMENT B – FILTER PROCESSING LOG


Date: 12-23-11 Test Number: C1
 Filter ID: C1225 Balance ID: 5004


Date & Time	Filter Weight (g)	Weight Difference (g)	Total Drying Time (hours)	Oven Temp. (°F)	Room Temp. (°F)	Room Humid. (%)	Initials
12-22-11 19:15	N/A	N/A	0	147	71	30	SGM
12-25-11 12:15	192.43	N/A	64	185	72	21	[Signature]
12-25-11 15:15	192.38	0.05	68	181	72	21	[Signature]
12-26-11 10:30	192.35	0.03	85	188	70	20	[Signature]

Comments: _____

NOTE: A copy of this page should be used for each filter bag. The Test Coordinator should sign this document when the corresponding filter has been fully processed per the instructions in Appendix 2 – Filter Bag Processing Checklist.




Test Coordinator JEFF POSKA  Date 12/26/11
 Print Signature

	BWROG ECCS Strainer Bypass Test Report		
	Document No: BWROG-ECCS-TA13-004	Revision: I	Page: M-27 of M-219

	Filter Bag Preparation and Processing Procedure		
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ATTACHMENT B – FILTER PROCESSING LOG

Date: 12-23-11 Test Number: C1
 Filter ID: C1226 Balance ID: SC-09


Date & Time	Filter Weight (g)	Weight Difference (g)	Total Drying Time (hours)	Oven Temp. (°F)	Room Temp. (°F)	Room Humid. (%)	Initials
12-23-11 19:15	N/A	N/A	0	187	71	30	Sam
12-25-11 13:15	189.57	N/A	66	185	72	21	
12-25-11 15:15	189.57	0.00	68	181	72	21	
12-26-11 10:35	189.49	0.08	83	188	70	20	


Comments: _____

NOTE: A copy of this page should be used for each filter bag. The Test Coordinator should sign this document when the corresponding filter has been fully processed per the instructions in Appendix 2 – Filter Bag Processing Checklist.

Test Coordinator JEFF ROSKA  Date 12/26/11
 Print Signature

BWROG Report – GEH Class I

	BWROG ECCS Strainer Bypass Test Report		
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	Filter Bag Preparation and Processing Procedure		
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ATTACHMENT B – FILTER PROCESSING LOG

Date: 12/22/11 Test Number: C1
 Filter ID: C1227 Balance ID: SC-09


Date & Time	Filter Weight (g)	Weight Difference (g)	Total Drying Time (hours)	Oven Temp. (°F)	Room Temp. (°F)	Room Humid. (%)	Initials
12-22-11 19:15	N/A	N/A	0	197	71	20	[Signature]
12-25-11 13:15	186.79	N/A	6.4	185	72	21	[Signature]
12-25-11 15:15	186.72	0.07	6.8	181	72	21	[Signature]
12-26-11 10:30	186.73	0.01	8.5	188	71	20	[Signature]


Comments: _____

NOTE: A copy of this page should be used for each filter bag. The Test Coordinator should sign this document when the corresponding filter has been fully processed per the instructions in Appendix 2 – Filter Bag Processing Checklist.

Test Coordinator JEFF POSKA  Date 12/26/11
Print Signature

BWROG Report – GEH Class I

	BWROG ECCS Strainer Bypass Test Report		
	Document No: BWROG-ECCS-TA13-004	Revision: I	Page: M-29 of M-219

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ATTACHMENT B – FILTER PROCESSING LOG

Date: 12-22-11 Test Number: C1
 Filter ID: C122B Balance ID: SC-04


Date & Time	Filter Weight (g)	Weight Difference (g)	Total Drying Time (hours)	Oven Temp. (°F)	Room Temp. (°F)	Room Humid. (%)	Initials
12-22-11 19:15	N/A	N/A	0	197	71	30	ESM
12-25-11 13:15	199.32	N/A	66	185	72	21	[Signature]
12-25-11 15:15	199.28	0.04	68	181	72	21	[Signature]
12-26-11 10:30	199.24	0.04	85	188	70	20	[Signature]


Comments: _____

NOTE: A copy of this page should be used for each filter bag. The Test Coordinator should sign this document when the corresponding filter has been fully processed per the instructions in Appendix 2 – Filter Bag Processing Checklist.

Test Coordinator JEFF ROSKA  Date 12/26/11
Print Signature

BWROG Report – GEH Class I

	BWROG ECCS Strainer Bypass Test Report		
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ATTACHMENT B – FILTER PROCESSING LOG

Date: 12-22-11 Test Number: C1
 Filter ID: C1229 Balance ID: SC-04


Date & Time	Filter Weight (g)	Weight Difference (g)	Total Drying Time (hours)	Oven Temp. (°F)	Room Temp. (°F)	Room Humid. (%)	Initials
12-22-11 19:15	N/A	N/A	0	197	71	30	SSM
12-20-11 12:15	184.08	N/A	66	185	72	21	[Signature]
12-25-11 16:15	184.09	0.04	68	181	72	21	
12-26-11 10:30	184.00	0.04	65	188	70	20	


Comments: _____

NOTE: A copy of this page should be used for each filter bag. The Test Coordinator should sign this document when the corresponding filter has been fully processed per the instructions in Appendix 2 – Filter Bag Processing Checklist.

Test Coordinator JEFF POSKA [Signature] Date 12/24/11
 Print Signature




BWROG Report – GEH Class I

	BWROG ECCS Strainer Bypass Test Report		
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	Filter Bag Preparation and Processing Procedure		
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ATTACHMENT B – FILTER PROCESSING LOG

Date: 12-22-11 Test Number: CL
 Filter ID: C1230 Balance ID: SC04


Date & Time	Filter Weight (g)	Weight Difference (g)	Total Drying Time (hours)	Oven Temp. (°F)	Room Temp. (°F)	Room Humid. (%)	Initials
12-22-11 19:15	N/A	N/A	0	197	71	30	SSM
12-25-11 13:15	183.45	N/A	66	185	72	21	
12-29-11 15:15	183.41	0.04	68	181	72	21	
12-16-11 10:30	183.41	0.00	85	188	70	20	


Comments: _____

NOTE: A copy of this page should be used for each filter bag. The Test Coordinator should sign this document when the corresponding filter has been fully processed per the instructions in Appendix 2 – Filter Bag Processing Checklist.

Test Coordinator JEFF POSKA  Date 12/26/11
 Print Signature

BWROG Report – GEH Class I

	BWROG ECCS Strainer Bypass Test Report		
	Document No: BWROG-ECCS-TA13-004	Revision: I	Page: M-32 of M-219

	Filter Bag Preparation and Processing Procedure		
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ATTACHMENT B - FILTER PROCESSING LOG

Date: 12-26-11 Test Number: C1
 Filter ID: C1231 Balance ID: SC-04


Date & Time	Filter Weight (g)	Weight Difference (g)	Total Drying Time (hours)	Oven Temp. (°F)	Room Temp. (°F)	Room Humid. (%)	Initials
12-26-11 12:30	N/A	N/A	0	197	71	21	MP
12-27-11 9:33	201.10	N/A	45	188	74.6	16.5	FB
12-28-11 12:20	201.10	0	47	186	68.5	18.7	MS
12-29-11 8:20	201.11	0.01	67	178	70.0	21.7	MS


Comments: _____

NOTE: A copy of this page should be used for each filter bag. The Test Coordinator should sign this document when the corresponding filter has been fully processed per the instructions in Appendix 2 - Filter Bag Processing Checklist.

Test Coordinator JEFF POSKA  Date 12/29/11
 Print Signature

BWROG Report – GEH Class I


	BWROG ECCS Strainer Bypass Test Report		
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ATTACHMENT B – FILTER PROCESSING LOG

Date: 12-26-11 Test Number: C1
 Filter ID: C1232 Balance ID: SC-04

MJ
12/28/11
12/29/11


Date & Time	Filter Weight (g)	Weight Difference (g)	Total Drying Time (hours)	Oven Temp. (°F)	Room Temp. (°F)	Room Humid. (%)	Initials
12-26-11 12:30	N/A	N/A	0	197	71	21	
12-28-11 9:35	188.26	N/A	45	188	75.5	15.8	FB
12-28-11 12:24	188.25 +88.25	0.05	47	186	68.5	18.7	MJ
12-29-11 8:22	188.25	0.04	67	178	70.0	21.7	MJ


Comments: _____

NOTE: A copy of this page should be used for each filter bag. The Test Coordinator should sign this document when the corresponding filter has been fully processed per the instructions in Appendix 2 – Filter Bag Processing Checklist.

Test Coordinator JEFF POSKA  Date 12/19/11
 Print Signature


BWROG Report – GEH Class I

	BWROG ECCS Strainer Bypass Test Report		
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ATTACHMENT B – FILTER PROCESSING LOG

Date: 12-26-11 Test Number: C1
 Filter ID: C1233 Balance ID: 5C-04


Date & Time	Filter Weight (g)	Weight Difference (g)	Total Drying Time (hours)	Oven Temp. (°F)	Room Temp. (°F)	Room Humid. (%)	Initials
12-26-11 0:30	N/A	N/A	0	197	71	21	
12-28-11 9:37	186.46	N/A	45	188	75.7	15.6	FB
12-28-11 12:25	186.39	0.07	47	186	68.5	18.7	MJ
12-27-11 8:25	186.44	0.05	67	178	70	21.7	MJ


Comments: _____

NOTE: A copy of this page should be used for each filter bag. The Test Coordinator should sign this document when the corresponding filter has been fully processed per the instructions in Appendix 2 – Filter Bag Processing Checklist.

Test Coordinator JEFF POSKA  Date 12/19/11
Print Signature


BWROG Report – GEH Class I

	BWROG ECCS Strainer Bypass Test Report		
	Document No: BWROG-ECCS-TA13-004	Revision: I	Page: M-35 of M-219

	Filter Bag Preparation and Processing Procedure		
	Document No: ALION-SPP-LAB-2352-70	Revision: I	Page: B1 of B1

ATTACHMENT B – FILTER PROCESSING LOG

Date: 12-26-11 Test Number: C1
 Filter ID: C1134 Balance ID: SC-04

Date & Time	Filter Weight (g)	Weight Difference (g)	Total Drying Time (hours)	Oven Temp. (°F)	Room Temp. (°F)	Room Humid. (%)	Initials
12-26-11 12:30	N/A	N/A	0	197	71	21	
12-28-11 9:39	188.84	N/A	45	188	74.9	15.3	FB
12-28-11 12:26	188.78	0.06	47	186	68.5	18.7	MJ
12-29-11 8:27	188.82	0.04	67	178	70	21.7	MJ


MJ
12/29/11


Comments: _____

NOTE: A copy of this page should be used for each filter bag. The Test Coordinator should sign this document when the corresponding filter has been fully processed per the instructions in Appendix 2 – Filter Bag Processing Checklist.

Test Coordinator JEFF POSKA  Date 12/29/11
 Print Signature

BWROG Report – GEH Class I

	BWROG ECCS Strainer Bypass Test Report		
	Document No: BWROG-ECCS-TA13-004	Revision: I	Page: M-36 of M-219

	Filter Bag Preparation and Processing Procedure		
	Document No: ALION-SPP-LAB-2352-70	Revision: I	Page: B1 of B1

ATTACHMENT B – FILTER PROCESSING LOG

Date: 12-26-11 Test Number: C1
 Filter ID: C1235 Balance ID: SC-04


Date & Time	Filter Weight (g)	Weight Difference (g)	Total Drying Time (hours)	Oven Temp. (°F)	Room Temp. (°F)	Room Humid. (%)	Initials
12-26-11 12:30	N/A	N/A	0	197	71	21	<i>[Signature]</i>
12-28-11 9:44	183.46	N/A	45	188	72	15.2	FB
12-28-11 12:28	183.39	0.07	47	186	69.5	18.7	MS
12-29-11 8:29	183.45	0.06	67	178	70	21.7	MS


Comments: _____

NOTE: A copy of this page should be used for each filter bag. The Test Coordinator should sign this document when the corresponding filter has been fully processed per the instructions in Appendix 2 – Filter Bag Processing Checklist.

Test Coordinator JEFF POSKA  Date 12/29/11
Print Signature


BWROG Report – GEH Class I

	BWROG ECCS Strainer Bypass Test Report		
	Document No: BWROG-ECCS-TA13-004	Revision: I	Page: M-37 of M-219

	Filter Bag Preparation and Processing Procedure		
	Document No: ALION-SPP-LAB-2352-70	Revision: I	Page: 81 of 81

ATTACHMENT B - FILTER PROCESSING LOG


Date: 12-26-11 Test Number: C1
 Filter ID: C1236 Balance ID: SC-04

Date & Time	Filter Weight (g)	Weight Difference (g)	Total Drying Time (hours)	Oven Temp. (°F)	Room Temp. (°F)	Room Humid. (%)	Initials
12-26-11 12:30	N/A	N/A	0	197	71	21	
12-26-11 9:46	196.32	N/A	45	188	72	15	TB
12-28-11 12:29	196.31	0.01	47	186	68.5	18.7	MJ
12-28-11 8:32	196.26	0.05	67	178	65.7	21.7	MJ


MJ
12/28/11


Comments: _____

NOTE: A copy of this page should be used for each filter bag. The Test Coordinator should sign this document when the corresponding filter has been fully processed per the instructions in Appendix 2 - Filter Bag Processing Checklist.

Test Coordinator JEFF POSKA  Date 12/29/11
Print Signature

BWROG Report – GEH Class I

	BWROG ECCS Strainer Bypass Test Report		
	Document No: BWROG-ECCS-TA13-004	Revision: I	Page: M-38 of M-219

	Filter Bag Preparation and Processing Procedure		
	Document No: ALION-SPP-LAB-2352-70	Revision: I	Page: B1 of B1

ATTACHMENT B – FILTER PROCESSING LOG

Date: 12-20-11 Test Number: C1
 Filter ID: C1237 Balance ID: JL-04

FB
12-28-11


Date & Time	Filter Weight (g)	Weight Difference (g)	Total Drying Time (hours)	Oven Temp. (°F)	Room Temp. (°F)	Room Humid. (%)	Initials
12-20-11 12:30	N/A	N/A	0	197	71	21	MS
12-28-11 9:47	195.28	N/A	45	188	72	15	FB
12-28-11 12:31	195.17	0.03	47	186	68.5	18.7	MS
12-29-11 8:34	195.20	0.03	67	178	70	21.7	MS


Comments: _____

NOTE: A copy of this page should be used for each filter bag. The Test Coordinator should sign this document when the corresponding filter has been fully processed per the instructions in Appendix 2 – Filter Bag Processing Checklist.

Test Coordinator JEFF POSKA  Date 12/29/11
Print Signature

BWROG Report – GEH Class I

	BWROG ECCS Strainer Bypass Test Report		
	Document No: BWROG-ECCS-TA13-004	Revision: I	Page: M-39 of M-219

	Filter Bag Preparation and Processing Procedure		
	Document No: ALION-SPP-LAB-2352-70	Revision: I	Page: B1 of B1

ATTACHMENT B – FILTER PROCESSING LOG

Date: 12-26-11 Test Number: C1
 Filter ID: C1238 Balance ID: SC-04


Date & Time	Filter Weight (g)	Weight Difference (g)	Total Drying Time (hours)	Oven Temp. (°F)	Room Temp. (°F)	Room Humid. (%)	Initials
12-26-11 12:30	N/A	N/A	0	197	71	21	MS
12-28-11 9:48	186.28	N/A	45	188	72	15	FD
12-28-11 12:31	186.21	0.07	47	186	68.5	18.7	MS
12-29-11 8:36	186.26	0.05	67	178	70	21.7	MS


Comments: _____

NOTE: A copy of this page should be used for each filter bag. The Test Coordinator should sign this document when the corresponding filter has been fully processed per the instructions in Appendix 2 – Filter Bag Processing Checklist.

Test Coordinator JEFF POSKA  Date 12/29/11
Print SIGNATURE

BWROG Report – GEH Class I

	BWROG ECCS Strainer Bypass Test Report		
	Document No: BWROG-ECCS-TA13-004	Revision: 1	Page: M-40 of M-219

	Filter Bag Preparation and Processing Procedure		
	Document No: ALION-SPP-LAB-2352-70	Revision: 1	Page: B1 of B1

ATTACHMENT B – FILTER PROCESSING LOG


Date: 12-20-11 Test Number: C1
 Filter ID: C1239 Balance ID: SC-04


Date & Time	Filter Weight (g)	Weight Difference (g)	Total Drying Time (hours)	Oven Temp. (°F)	Room Temp. (°F)	Room Humid. (%)	Initials
12-20-11 12:30	N/A	N/A	0	197	71	21	
12-28-11 9:50	185.66	N/A	45	188	71	15	CFB
12-28-11 12:34	185.60	0.06	47	186	68.5	18.7	MS
12-29-11 8:37	185.60	0.00	67	178	70	21.7	MS

Comments: _____

NOTE: A copy of this page should be used for each filter bag. The Test Coordinator should sign this document when the corresponding filter has been fully processed per the instructions in Appendix 2 – Filter Bag Processing Checklist.

Test Coordinator JEFF POSKA  Date 12/29/11
 Print Signature

	BWROG ECCS Strainer Bypass Test Report		
	Document No: BWROG-ECCS-TA13-004	Revision: I	Page: M-41 of M-219

	Filter Bag Preparation and Processing Procedure		
	Document No: ALION-SPP-LAB-2352-70	Revision: I	Page: B1 of B1

ATTACHMENT B - FILTER PROCESSING LOG

Date: 12-26-11 Test Number: C1
 Filter ID: C1240 Balance ID: 5C-04


Date & Time	Filter Weight (g)	Weight Difference (g)	Total Drying Time (hours)	Oven Temp. (°F)	Room Temp. (°F)	Room Humid. (%)	Initials
12-26-11 12:30	N/A	N/A	0	197	71	21	MS
12-27-11 9:52	181.13	N/A	45	198	71	15	MS
12-28-11 12:35	181.10	0.03	47	186	68.5	18.7	MS
12-29-11 8:40	181.09	0.01	67	178	70	21.7	MS


MS
1/4/11

Comments: _____

NOTE: A copy of this page should be used for each filter bag. The Test Coordinator should sign this document when the corresponding filter has been fully processed per the instructions in Appendix 2 – Filter Bag Processing Checklist.


Test Coordinator JEFF POSKA  Date 12/29/11
Print Signature

	BWROG ECCS Strainer Bypass Test Report		
	Document No: BWROG-ECCS-TA13-004	Revision: I	Page: M-42 of M-219

	Filter Bag Preparation and Processing Procedure		
	Document No: ALION-SPP-LAB-2352-70	Revision: I	Page: B1 of B1

ATTACHMENT B - FILTER PROCESSING LOG

Date: 12-26-11 Test Number: C1
 Filter ID: C1241 Balance ID: 5C-04


Date & Time	Filter Weight (g)	Weight Difference (g)	Total Drying Time (hours)	Oven Temp. (°F)	Room Temp. (°F)	Room Humid. (%)	Initials
12-26-11 12:30	N/A	N/A	0	197	71	21	
12-27-11 9:53	195.55	N/A	45	188	71	15	FD
12-28-11 12:37	195.52	0.03	47	186	68.5	18.7	MJ
12-29-11 8:43	195.55	0.03	67	178	70	21.7	MJ


Comments: _____

NOTE: A copy of this page should be used for each filter bag. The Test Coordinator should sign this document when the corresponding filter has been fully processed per the instructions in Appendix 2 – Filter Bag Processing Checklist.

Test Coordinator JEFF POSKA  Date 12/29/11
Print Signature

BWROG Report – GEH Class I

	BWROG ECCS Strainer Bypass Test Report		
	Document No: BWROG-ECCS-TA13-004	Revision: I	Page: M-43 of M-219

	Filter Bag Preparation and Processing Procedure		
	Document No: ALION-SPP-LAB-2352-70	Revision: I	Page: B1 of B1


ATTACHMENT B - FILTER PROCESSING LOG

Date: 12-26-11 Test Number: C1
 Filter ID: C1242 Balance ID: SC-04


Date & Time	Filter Weight (g)	Weight Difference (g)	Total Drying Time (hours)	Oven Temp. (°F)	Room Temp. (°F)	Room Humid. (%)	Initials
12-26-11 12:30	N/A	N/A	0	197	71	21	
12-28-11 9:54	195.55	N/A	45	188	71	15	FB
12-28-11 12:39	195.50	0.05	47	186	68.5	18.7	MJ
12-29-11 8:46	195.50	0.00	67	178	70	21.7	MJ


Comments: _____

NOTE: A copy of this page should be used for each filter bag. The Test Coordinator should sign this document when the corresponding filter has been fully processed per the instructions in Appendix 2 – Filter Bag Processing Checklist.

Test Coordinator JEFF POSKA  Date 12/29/11
Print Signature


BWROG Report – GEH Class I

	BWROG ECCS Strainer Bypass Test Report		
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	Filter Bag Preparation and Processing Procedure		
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ATTACHMENT B – FILTER PROCESSING LOG


Date: 12-26-11 Test Number: C1
 Filter ID: C1243 Balance ID: SC-04


Date & Time	Filter Weight (g)	Weight Difference (g)	Total Drying Time (hours)	Oven Temp. (°F)	Room Temp. (°F)	Room Humid. (%)	Initials
12-26-11 8:00	N/A	N/A	0	204	71	21	
12-28-11 9:57	184.54	N/A	45	195	71	15	FB
12-28-11 12:41	184.50	0.04	47	195	68.5	18.7	MJ
12-29-11 8:50	184.51	0.01	67	172	69.2	22.2	MJ

Comments: _____

NOTE: A copy of this page should be used for each filter bag. The Test Coordinator should sign this document when the corresponding filter has been fully processed per the instructions in Appendix 2 – Filter Bag Processing Checklist.


Test Coordinator JEFF POSKA  Date 12/29/11
 Print Signature

	BWROG ECCS Strainer Bypass Test Report		
	Document No: BWROG-ECCS-TA13-004	Revision: I	Page: M-45 of M-219

	Filter Bag Preparation and Processing Procedure		
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ATTACHMENT B - FILTER PROCESSING LOG

Date: 12-26-11 Test Number: C1
 Filter ID: 01244 Balance ID: SC-04


Date & Time	Filter Weight (g)	Weight Difference (g)	Total Drying Time (hours)	Oven Temp. (°F)	Soaker Temp. (°F)	Room Humid. (%)	Initials
12-26-11 12:00	N/A	N/A	0	204	71	21	
12-28-11 9:57	194.54	N/A	45	195	71	15	FB
12-28-11 12:42	194.56	0.02	47	195	68.5	18.7	MJ
12-29-11 9:14	194.54	0.02	67	172	69.2	22.2	MJ


Comments: _____

NOTE: A copy of this page should be used for each filter bag. The Test Coordinator should sign this document when the corresponding filter has been fully processed per the instructions in Appendix 2 – Filter Bag Processing Checklist.

Test Coordinator JEFF BOSKA  Date 12/29/11
 Print. Signature

BWROG Report – GEH Class I

	BWROG ECCS Strainer Bypass Test Report		
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	Filter Bag Preparation and Processing Procedure		
	Document No: ALION-SPP-LAB-2352-70	Revision: I	Page: 81 of 81

ATTACHMENT B – FILTER PROCESSING LOG

Date: 12-26-11 Test Number: C1
 Filter ID: C1245 Balance ID: SC-04


Date & Time	Filter Weight (g)	Weight Difference (g)	Total Drying Time (hours)	Oven Temp. (°F)	Steam Temp. (°F)	Room Humid. (%)	Initials
12-26-11 12:50	N/A	N/A	0	204	71	21	FB
12-27-11 10:00	189.46	N/A	45	195	71	15	FB
12-28-11 12:43	189.47	0.01	47	195	68.5	18.7	MJ
12-29-11 8:56	189.46	0.01	67	172	69.2	22.2	MJ


Comments: _____

NOTE: A copy of this page should be used for each filter bag. The Test Coordinator should sign this document when the corresponding filter has been fully processed per the instructions in Appendix 2 – Filter Bag Processing Checklist.

Test Coordinator JEFF POSKA  Date 12/29/11
 Print Signature

BWROG Report – GEH Class I

	BWROG ECCS Strainer Bypass Test Report		
	Document No: BWROG-ECCS-TA13-004	Revision: I	Page: M-47 of M-219

	Filter Bag Preparation and Processing Procedure		
	Document No: ALION-SPP-LAB-2352-70	Revision: I	Page: 81 of 81

ATTACHMENT B – FILTER PROCESSING LOG

Date: 12-26-11 Test Number: C1
 Filter ID: C1246 Balance ID: SC-04

Date & Time	Filter Weight (g)	Weight Difference (g)	Total Drying Time (hours)	Oven Temp. (°F)	Room Temp. (°F)	Room Humid. (%)	Initials
12-26-11 13:00	N/A	N/A	0	204	71	21	<i>[Signature]</i>
12-27-11 10:01	191.01	N/A	45	195	71	15	<i>[Signature]</i>
12-28-11 12:45	191.00	0.01	47	195	68.5	18.7	MS
12-29-11 9:15	191.04	0.04	67	172	69.2	22.2	MS


MS
12/29/11


Comments: _____

NOTE: A copy of this page should be used for each filter bag. The Test Coordinator should sign this document when the corresponding filter has been fully processed per the instructions in Appendix 2 – Filter Bag Processing Checklist.

Test Coordinator JEFF POSKA Date 12/29/11
 Print *[Signature]* Signature

BWROG Report – GEH Class I

	BWROG ECCS Strainer Bypass Test Report		
	Document No: BWROG-ECCS-TA13-004	Revision: I	Page: M-48 of M-219

	Filter Bag Preparation and Processing Procedure		
	Document No: ALION-SPP-LAB-2352-70	Revision: I	Page: B1 of B1

ATTACHMENT B – FILTER PROCESSING LOG

Date: 12-26-11 Test Number: C1
 Filter ID: C1247 Balance ID: JC-04


Date & Time	Filter Weight (g)	Weight Difference (g)	Total Drying Time (hours)	Oven Temp. (°F)	Room Temp. (°F)	Room Humid. (%)	Initials
12-26-11 13:00	N/A	N/A	0	204	71	21	FR
12-27-11 10:03	183.88	N/A	45	195	70	15	FR
12-28-11 12:46	183.86	0.02	47	195	68.5	18.7	MS
12-29-11 8:59	183.89	0.03	67	172	69.2	22.2	MS


Comments: _____

NOTE: A copy of this page should be used for each filter bag. The Test Coordinator should sign this document when the corresponding filter has been fully processed per the instructions in Appendix 2 – Filter Bag Processing Checklist.

Test Coordinator JEFF POSKA  Date 12/29/11
 Print Signature

BWROG Report – GEH Class I

	BWROG ECCS Strainer Bypass Test Report		
	Document No: BWROG-ECCS-TA13-004	Revision: I	Page: M-49 of M-219

	Filter Bag Preparation and Processing Procedure		
	Document No: ALION-SPP-LAB-2352-70	Revision: I	Page: B1 of B1

ATTACHMENT B – FILTER PROCESSING LOG

Date: 12-26-11 Test Number: C1
 Filter ID: C1348 Balance ID: SC-04


Date & Time	Filter Weight (g)	Weight Difference (g)	Total Drying Time (hours)	Oven Temp. (°F)	Room Temp. (°F)	Room Humid. (%)	Initials
12-26-11 13:03	N/A	N/A	0	204	71	21	MS
12-28-11 10:04	189.99	N/A	45	195	70	15	FB
12-28-11 12:47	189.96	0.03	47	195	68.5	18.7	MS
12-29-11 9:00	189.96	0.00	67	172	69.2	22.2	MS


Comments: _____

NOTE: A copy of this page should be used for each filter bag. The Test Coordinator should sign this document when the corresponding filter has been fully processed per the instructions in Appendix 2 – Filter Bag Processing Checklist.

Test Coordinator JEFF POSKA  Date 12/29/11
 Print Signature


BWROG Report – GEH Class I

	BWROG ECCS Strainer Bypass Test Report		
	Document No: BWROG-ECCS-TA13-004	Revision: I	Page: M-50 of M-219

	Filter Bag Preparation and Processing Procedure		
	Document No: ALION-SPP-LAB-2352-70	Revision: I	Page: B1 of B1

ATTACHMENT B – FILTER PROCESSING LOG


Date: 12-26-11 Test Number: C1
 Filter ID: C1249 Balance ID: SC-04


Date & Time	Filter Weight (g)	Weight Difference (g)	Total Drying Time (hours)	Oven Temp. (°F)	Room Temp. (°F)	Room Humid. (%)	Initials
12-26-11 13:00	N/A	N/A	0	204	71	21	
12-28-11 10:06	188.69	N/A	45	195	70	15	FB
12-28-11 12:48	188.63	0.04	47	195	69.5	18.7	MJ
12-29-11 9:36	188.64	0.01	67	172	69.2	27.2	MJ

Comments: _____

NOTE: A copy of this page should be used for each filter bag. The Test Coordinator should sign this document when the corresponding filter has been fully processed per the instructions in Appendix 2 – Filter Bag Processing Checklist.

Test Coordinator JEFF POSKA  Date 11/29/11
 Print Signature

	BWROG ECCS Strainer Bypass Test Report		
	Document No: BWROG-ECCS-TA13-004	Revision: I	Page: M-51 of M-219

	Filter Bag Preparation and Processing Procedure		
	Document No: ALION-SPP-LAB-2352-70	Revision: I	Page: B1 of B1


ATTACHMENT B – FILTER PROCESSING LOG

Date: 12-26-11 Test Number: C1
 Filter ID: C1250 Balance ID: SC-04


Date & Time	Filter Weight (g)	Weight Difference (g)	Total Drying Time (hours)	Oven Temp. (°F)	Room Temp. (°F)	Room Humid. (%)	Initials
12-26-11 13:00	N/A	N/A	0	204	71	21	
12-28-11 10:07	193.06	N/A	45	195	70	15	FB
12-28-11 12:51	193.08	0.02	47	195	68.5	18.7	MJ
12-29-11 9:17	193.02	0.06	67	172	69.2	22.2	MJ


Comments: _____

NOTE: A copy of this page should be used for each filter bag. The Test Coordinator should sign this document when the corresponding filter has been fully processed per the instructions in Appendix 2 – Filter Bag Processing Checklist.

Test Coordinator JEFF POSKA  Date 12/29/11
Print Signature

BWROG Report – GEH Class I

	BWROG ECCS Strainer Bypass Test Report		
	Document No: BWROG-ECCS-TA13-004	Revision: I	Page: M-52 of M-219

	Filter Bag Preparation and Processing Procedure		
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ATTACHMENT B – FILTER PROCESSING LOG


Date: 12-26-11 Test Number: C1
 Filter ID: C1251 Balance ID: SC-04


Date & Time	Filter Weight (g)	Weight Difference (g)	Total Drying Time (hours)	Oven Temp. (°F)	Room Temp. (°F)	Room Humid. (%)	Initials
12/26/11 13:00	N/A	N/A	0	204	71	21	<i>[Signature]</i>
12-28-11 10:04	187.93	N/A	45	195	70	15	<i>[Signature]</i>
12-28-11 12:51	187.97	0.04	47	193	68.5	18.7	MJ
12-29-11 9:07	187.91	0.06	67	172	69.2	22.2	MJ

Comments: _____

NOTE: A copy of this page should be used for each filter bag. The Test Coordinator should sign this document when the corresponding filter has been fully processed per the instructions in Appendix 2 – Filter Bag Processing Checklist.

Test Coordinator JEFF POSKA  Date 12/29/11
 Print Signature

	BWROG ECCS Strainer Bypass Test Report		
	Document No: BWROG-ECCS-TA13-004	Revision: I	Page: M-53 of M-219

	Filter Bag Preparation and Processing Procedure		
	Document No: ALION-SPP-LAB-2352-70	Revision: I	Page: B1 of B1

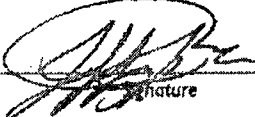
ATTACHMENT B – FILTER PROCESSING LOG

Date: 12-26-11 Test Number: C1
 Filter ID: C1252 Balance ID: SC-04


Date & Time	Filter Weight (g)	Weight Difference (g)	Total Drying Time (hours)	Oven Temp. (°F)	Room Temp. (°F)	Room Humid. (%)	Initials
12-26-11 13:00	N/A	N/A	0	264	71	21	
12-28-11 10:10	195.59	N/A	45	195	70	15	FB
12-28-11 12:53	195.64	0.05	47	195	68.5	18.7	MS
12-29-11 9:09	195.61	0.03	67	172	69.2	22.2	MS


Comments: _____

NOTE: A copy of this page should be used for each filter bag. The Test Coordinator should sign this document when the corresponding filter has been fully processed per the instructions in Appendix 2 – Filter Bag Processing Checklist.

Test Coordinator JEFF POSKA  Date 12/29/11
 Print Signature

BWROG Report – GEH Class I

	BWROG ECCS Strainer Bypass Test Report		
	Document No: BWROG-ECCS-TA13-004	Revision: I	Page: M-54 of M-219

	Filter Bag Preparation and Processing Procedure		
	Document No: ALION-SPP-LAB-2352-70	Revision: I	Page: B1 of B1

ATTACHMENT B – FILTER PROCESSING LOG

Date: 12-26-11 Test Number: e1
 Filter ID: C1253 Balance ID: SC-04


Date & Time	Filter Weight (g)	Weight Difference (g)	Total Drying Time (hours)	Oven Temp. (°F)	Room Temp. (°F)	Room Humid. (%)	Initials
12/26/11 13:00	N/A	N/A	0	204	71	21	FB
12/28/11 10:12	184.31	N/A	45	195	70	16	FB
12-28-11 12:34	184.29	0.02	47	195	68.5	18.7	MJ
12-29-11 9:11	184.30	0.01	67	172	67.2	22.2	MJ


Comments: _____

NOTE: A copy of this page should be used for each filter bag. The Test Coordinator should sign this document when the corresponding filter has been fully processed per the instructions in Appendix 2 – Filter Bag Processing Checklist.

Test Coordinator JEFF POSKA  Date 12/29/11
Print Signature

BWROG Report – GEH Class I

	BWROG ECCS Strainer Bypass Test Report		
	Document No: BWROG-ECCS-TA13-004	Revision: I	Page: M-55 of M-219

	Filter Bag Preparation and Processing Procedure		
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ATTACHMENT B – FILTER PROCESSING LOG

Date: 12-26-11 Test Number: C1
 Filter ID: C1254 Balance ID: SC-04

Date & Time	Filter Weight (g)	Weight Difference (g)	Total Drying Time (hours)	Oven Temp. (°F)	Room Temp. (°F)	Room Humid. (%)	Initials
12-26-11 13:00	N/A	N/A	0	204	71	21	FB
12-27-11 10:13	189.00	N/A	45	195	70	16	FB
12-28-11 12:55	188.97	0.03	47	195	68.5	18.7	MJ
12-29-11 9:13	188.98	0.01	67	172	69.2	22.2	MJ


Comments: _____


NOTE: A copy of this page should be used for each filter bag. The Test Coordinator should sign this document when the corresponding filter has been fully processed per the instructions in Appendix 2 – Filter Bag Processing Checklist.

Test Coordinator JEFF PUSKA  Date 12/29/11
Print Signature

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BWROG Report – GEH Class I

	BWROG ECCS Strainer Bypass Test Report		
	Document No: BWROG-ECCS-TA13-004	Revision: I	Page: M-56 of M-219

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	Document No: ALION-SPP-LAB-2352-70	Revision: I	Page: B1 of B1

ATTACHMENT B – FILTER PROCESSING LOG

Date: 12-26-11 Test Number: C1
 Filter ID: C1255 Balance ID: SC-04

Date & Time	Filter Weight (g)	Weight Difference (g)	Total Drying Time (hours)	Oven Temp. (°F)	Room Temp. (°F)	Room Humid. (%)	Initials
12-26-11 13:00	N/A	N/A	0	204	71	21	JP
12-27-11 10:15	193.92	N/A	45	179.5	70	16	JP
12-28-11 12:58	193.92	0.00	47	153	68.3	19.3	MJ
12-29-11 10:13	193.90	0.02	67	154.7	73.4	21.5	MJ


MJ
12/29/11


Comments: _____

NOTE: A copy of this page should be used for each filter bag. The Test Coordinator should sign this document when the corresponding filter has been fully processed per the instructions in Appendix 2 – Filter Bag Processing Checklist.

Test Coordinator JEFF POSKA  Date 12/29/11
 Print Signature

BWROG Report – GEH Class I

	BWROG ECCS Strainer Bypass Test Report		
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	Filter Bag Preparation and Processing Procedure		
	Document No: ALION-SPP-LAB-2352-70	Revision: I	Page: 81 of 81

ATTACHMENT B – FILTER PROCESSING LOG


Date: 12-26-11 Test Number: C1
 Filter ID: C1254 Balance ID: SC-04


Date & Time	Filter Weight (g)	Weight Difference (g)	Total Drying Time (hours)	Oven Temp. (°F)	Room Temp. (°F)	Room Humid. (%)	Initials
12-26-11 13:00	N/A	N/A	0	200	71	21	JP
12-28-11 10:16	192.63	N/A	45	179	70	16	FB
12-28-11 12:59	192.59	0.04	47	153	68.3	19.3	MJ
12-29-11 10:15	192.60	0.01	68	177	72.4	21.5	MJ

Comments: _____

NOTE: A copy of this page should be used for each filter bag. The Test Coordinator should sign this document when the corresponding filter has been fully processed per the instructions in Appendix 2 – Filter Bag Processing Checklist.

Test Coordinator JEFF PUSKA  Date 12/29/11
 Print Signature

	BWROG ECCS Strainer Bypass Test Report		
	Document No: BWROG-ECCS-TA13-004	Revision: I	Page: M-58 of M-219

	Filter Bag Preparation and Processing Procedure		
	Document No: ALION-SPP-LAB-2352-70	Revision: I	Page: B1 of B1

ATTACHMENT B – FILTER PROCESSING LOG

Date: 12-26-11 Test Number: C1
 Filter ID: C1257 Balance ID: SC-04


Date & Time	Filter Weight (g)	Weight Difference (g)	Total Drying Time (hours)	Ovens Temp. (°F)	Room Temp. (°F)	Room Humid. (%)	Initials
12-26-11 13:30	N/A	N/A	0	207	71	21	<i>[Signature]</i>
12-28-11 10:18	178.28	N/A	45	179	70	17	FB
12-28-11 12:00	178.25	0.03	47	153	68.3	19.3	MS
12-28-11 10:17	178.27	0.02	68	177	73.4	21.5	MS


Comments: _____

NOTE: A copy of this page should be used for each filter bag. The Test Coordinator should sign this document when the corresponding filter has been fully processed per the instructions in Appendix 2 – Filter Bag Processing Checklist.

Test Coordinator JEFF POSKI  Date 12/29/11
 Print Signature


BWROG Report – GEH Class I

	BWROG ECCS Strainer Bypass Test Report		
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ATTACHMENT B – FILTER PROCESSING LOG

Date: 12-26-11 Test Number: C1
 Filter ID: C1258 Balance ID: SC-04


Date & Time	Filter Weight (g)	Weight Difference (g)	Total Drying Time (hours)	Oven Temp. (°F)	Room Temp. (°F)	Room Humid. (%)	Initials
12-26-11 12:30	N/A	N/A	0	207	71	21	
12-28-11 10:20	188.32	N/A	45	179	70	16	FB
12-28-11 13:02	188.30	0.02	47	153	68.3	19.3	MS
12-29-11 10:19	188.30	0.00	68	177	73.4	21.5	MS


Comments: _____

NOTE: A copy of this page should be used for each filter bag. The Test Coordinator should sign this document when the corresponding filter has been fully processed per the instructions in Appendix Z – Filter Bag Processing Checklist.

Test Coordinator JEFF POSKA  Date 01/09/11
Print Signature

BWROG Report – GEH Class I

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ATTACHMENT B – FILTER PROCESSING LOG


Date: 12-26-11 Test Number: C1
 Filter ID: C1059 Balance ID: SC-04


Date & Time	Filter Weight (g)	Weight Difference (g)	Total Drying Time (hours)	Oven Temp. (°F)	Room Temp. (°F)	Room Humid. (%)	Initials
12-26-11 13:30	N/A	N/A	0	257	71	21	<i>[Signature]</i>
12-28-11 10:22	186.37	N/A	45	179	70	16	FB
12-28-11 13:03	186.35	0.02	47	153	68.3	19.3	MJ
12-29-11 10:20	186.30	0.05	68	177	73.4	21.5	MJ

Comments: _____

NOTE: A copy of this page should be used for each filter bag. The Test Coordinator should sign this document when the corresponding filter has been fully processed per the instructions in Appendix 2 – Filter Bag Processing Checklist.


Test Coordinator JEFF PUSKA  Date 12/29/11
 Print Signature

	BWROG ECCS Strainer Bypass Test Report		
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ATTACHMENT B – FILTER PROCESSING LOG

Date: 12-26-11 Test Number: 4
 Filter ID: C1260 Balance ID: SC-04


Date & Time	Filter Weight (g)	Weight Difference (g)	Total Drying Time (hours)	Oven Temp. (°F)	Room Temp. (°F)	Room Humid. (%)	Initials
12-26-11 13:30	N/A	N/A	0	207	71	21	
12-28-11 10:24	183.02	N/A	45	179	70	17	FB
12-28-11 13:04	182.99	0.03	47	153	68.3	19.3	MS
12-29-11 10:21	182.98	0.01	68	177	73.4	21.5	MS


Comments: _____

NOTE: A copy of this page should be used for each filter bag. The Test Coordinator should sign this document when the corresponding filter has been fully processed per the instructions in Appendix 2 – Filter Bag Processing Checklist.

Test Coordinator JEFF POSKA  Date 12/29/11
 Print Signature

BWROG Report – GEH Class I

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ATTACHMENT B – FILTER PROCESSING LOG

Date: 12-26-11 Test Number: C1
 Filter ID: C1261 Balance ID: 5C-04

Date & Time	Filter Weight (g)	Weight Difference (g)	Total Drying Time (hours)	Oven Temp. (°F)	Room Temp. (°F)	Room Humid. (%)	Initials
12-26-11 13:30	N/A	N/A	0	207	71	24	
12-28-11 10:26	181.25	N/A	45	179	70	17	FB
12-28-11 13:03	181.22	0.03	47	173	68.3	19.3	MJ
12-29-11 10:23	181.20	0.02	68	177	73.4	21.5	MJ


MJ 12-28-11


Comments: _____

NOTE: A copy of this page should be used for each filter bag. The Test Coordinator should sign this document when the corresponding filter has been fully processed per the instructions in Appendix 2 – Filter Bag Processing Checklist.

Test Coordinator JEFF MUSKA  Date 12/29/11
 Print Signature

BWROG Report – GEH Class I

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ATTACHMENT B - FILTER PROCESSING LOG

Date: 12-26-11 Test Number: 9
 Filter ID: C1262 Balance ID: SC-04


Date & Time	Filter Weight (g)	Weight Difference (g)	Total Drying Time (hours)	Oven Temp. (°F)	Room Temp. (°F)	Room Humid. (%)	Initials
12-26-11 13:30	N/A	N/A	0	207	71	21	FB
12-28-11 10:28	185.60	N/A	45	179	70	16	FB
12-28-11 13:06	185.60	0.00	47	153	68.3	19.3	MS
12-29-11 10:24	185.64	0.04	68	177	73.4	21.5	MS


Comments: _____

NOTE: A copy of this page should be used for each filter bag. The Test Coordinator should sign this document when the corresponding filter has been fully processed per the instructions in Appendix 2 – Filter Bag Processing Checklist.

Test Coordinator JEFF POSKA  Date 12/29/11
 Print Signature

BWROG Report – GEH Class I

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ATTACHMENT B – FILTER PROCESSING LOG


Date: 12-26-11 Test Number: C1
 Filter ID: C1263 Balance ID: SC-04


Date & Time	Filter Weight (g)	Weight Difference (g)	Total Drying Time (hours)	Oven Temp. (°F)	Room Temp. (°F)	Room Humid. (%)	Initials
12-26-11 13:30	N/A	N/A	0	207	71	21	MS
12-28-11 10:30	187.46	N/A	45	179	70	16	FB
12-28-11 13:08	184.46	0.00	47	153	68.3	19.3	MS
12-29-11 10:26	184.41	0.05	68	177	73.4	21.5	MS

Comments: _____

NOTE: A copy of this page should be used for each filter bag. The Test Coordinator should sign this document when the corresponding filter has been fully processed per the instructions in Appendix 2 – Filter Bag Processing Checklist.

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 Print Signature

	BWROG ECCS Strainer Bypass Test Report		
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ATTACHMENT B – FILTER PROCESSING LOG

Date: 12-26-11 Test Number: C1
 Filter ID: E1264 Balance ID: SC-04

Date & Time	Filter Weight (g)	Weight Difference (g)	Total Drying Time (hours)	Oven Temp. (°F)	Room Temp. (°F)	Room Humid. (%)	Initials
12-26-11 13:30	N/A	N/A	0	207	71	21	<i>[Signature]</i>
12-28-11 10:52	194.32	N/A	45	179	70	17	FB
12-28-11 13:09	194.34	0.02	47	153	68.3	19.3	MS
12-29-11 10:28	194.29	0.05	68	177	73.4	21.5	MS


MS
12/29/11


Comments: _____

NOTE: A copy of this page should be used for each filter bag. The Test Coordinator should sign this document when the corresponding filter has been fully processed per the instructions in Appendix 2 – Filter Bag Processing Checklist.

Test Coordinator JEFF POSKA [Signature] Date 12/29/11
 Print Signature

BWROG Report – GEH Class I

	BWROG ECCS Strainer Bypass Test Report		
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ATTACHMENT B – FILTER PROCESSING LOG

Date: 12-26-11 Test Number: C1
 Filter ID: C1266 Balance ID: SC-04


Date & Time	Filter Weight (g)	Weight Difference (g)	Total Drying Time (hours)	Oven Temp. (°F)	Room Temp. (°F)	Room Humid. (%)	Initials
12-26-11 18:30	N/A	N/A	0	207	71	21	<i>JP</i>
12-28-11 10:34	189.60	N/A	45	179	70	17	<i>GB</i>
12-28-11 13:10	189.59	0.01	47	153	68.3	19.3	<i>MJ</i>
12-29-11 10:30	189.57	0.02	68	177	73.4	21.5	<i>MJ</i>


Comments: _____

NOTE: A copy of this page should be used for each filter bag. The Test Coordinator should sign this document when the corresponding filter has been fully processed per the instructions in Appendix 2 – Filter Bag Processing Checklist.

Test Coordinator JEFF POSK:  Date 12/29/11
 Print Signature

BWROG Report – GEH Class I

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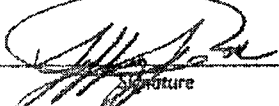
ATTACHMENT B - FILTER PROCESSING LOG

Date: 12-26-11 Test Number: C1
 Filter ID: C1267 Balance ID: SC-04


Date & Time	Filter Weight (g)	Weight Difference (g)	Total Drying Time (hours)	Oven Temp. (°F)	Room Temp. (°F)	Room Humid. (%)	Initials
12-26-11 13:30	N/A	N/A	0	207	71	21	MS
12-28-11 10:35	185.56	N/A	4.5	179	70	16	MS
12-28-11 13:12	185.40	0.04	47	153	68.3	19.3	MS
12-29-11 10:32	185.33	0.07	68	177	73.4	21.5	MS


Comments: _____

NOTE: A copy of this page should be used for each filter bag. The Test Coordinator should sign this document when the corresponding filter has been fully processed per the instructions in Appendix 2 – Filter Bag Processing Checklist.

Test Coordinator JEFF PUSKA  Date 12/29/11
Print Signature

BWROG Report – GEH Class I

	BWROG ECCS Strainer Bypass Test Report		
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ATTACHMENT B – FILTER PROCESSING LOG

Date: 11-18-11 Test Number: C2
 Filter ID: C205 Balance ID: SC-04


Date & Time	Filter Weight (g)	Weight Difference (g)	Total Drying Time (hours)	Oven Temp. (°F)	Room Temp. (°F)	Room Humid. (%)	Initials
11-18-11 08:50	N/A	N/A	0	194	68	19	SSM
11-19-11 08:36	194.18	N/A	24	156	68	24	SSM
11-19-11 10:56	194.21	0.03	26	156	69	25	SSM
11-19-11 13:04	194.24	0.03	28	168	69	28	SSM


Comments: _____

NOTE: A copy of this page should be used for each filter bag. The Test Coordinator should sign this document when the corresponding filter has been fully processed per the instructions in Appendix 2 – Filter Bag Processing Checklist.

Test Coordinator POSKA  Date 11/19/11

BWROG Report – GEH Class I

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ATTACHMENT B – FILTER PROCESSING LOG

Date: 11-18-11 Test Number: C 2
 Filter ID: C 206 Balance ID: SC-04


Date & Time	Filter Weight (g)	Weight Difference (g)	Total Drying Time (hours)	Oven Temp. (°F)	Room Temp. (°F)	Room Humid. (%)	Initials
11-18-11 08:50	N/A	N/A	0	194	68	19	SSM
SSM 11-19-11 11-18-11 11:08:57	195.14	N/A	24	156	68	24	SSM
11-19-11 10:57	195.18	0.04	26	156	69	25	SSM
11-19-11 13:06	195.15	0.03	28	168	69	28	SSM


Comments: _____

NOTE: A copy of this page should be used for each filter bag. The Test Coordinator should sign this document when the corresponding filter has been fully processed per the instructions in Appendix 2 – Filter Bag Processing Checklist.

Test Coordinator JEFF POSKA  Date 11/19/11
Print Signature

BWROG Report – GEH Class I

	BWROG ECCS Strainer Bypass Test Report		
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ATTACHMENT B – FILTER PROCESSING LOG

Date: 11-18-11 Test Number: C2
 Filter ID: C207 Balance ID: SC-04


Date & Time	Filter Weight (g)	Weight Difference (g)	Total Drying Time (hours)	Oven Temp. (°F)	Room Temp. (°F)	Room Humid. (%)	Initials
11-18-11 08:50	N/A	N/A	0	194	68	19	SSM
11-19-11 08:59	212.73	N/A	24	156	68	24	SSM
11-19-11 10:59	212.75	0.02	26	156	69	25	SSM
11-19-11 13:07	212.79	0.04	28	168	69	28	SSM


Comments: _____

NOTE: A copy of this page should be used for each filter bag. The Test Coordinator should sign this document when the corresponding filter has been fully processed per the instructions in Appendix 2 – Filter Bag Processing Checklist.

Test Coordinator JEFF POSKA  Date 11/19/11
 Print Signature

BWROG Report – GEH Class I

	BWROG ECCS Strainer Bypass Test Report		
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ATTACHMENT B – FILTER PROCESSING LOG

Date: 11-18-11 Test Number: C 2
 Filter ID: C 208 Balance ID: SC-04


Date & Time	Filter Weight (g)	Weight Difference (g)	Total Drying Time (hours)	Oven Temp. (°F)	Room Temp. (°F)	Room Humid. (%)	Initial
11-18-11 08:50	N/A	N/A	0	194	68	19	SSM
11-19-11 09:04	218.58	N/A	24	156	68	24	SSM
SSM 11-19-11 10:01	218.61	0.03	26	156	69	25	SSM
11-19-11 13:09	218.63	0.02	28	168	69	28	SSM


Comments: _____

NOTE: A copy of this page should be used for each filter bag. The Test Coordinator should sign this document when the corresponding filter has been fully processed per the instructions in Appendix 2 – Filter Bag Processing Checklist.

Test Coordinator JEFF POSKA  Date 11/19/11
 Print Signature

BWROG Report – GEH Class I

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ATTACHMENT B – FILTER PROCESSING LOG


Date: 11-18-11 Test Number: C2
 Filter ID: C209 Balance ID: 5C-04


Date & Time	Filter Weight (g)	Weight Difference (g)	Total Drying Time (hours)	Oven Temp. (°F)	Room Temp. (°F)	Room Humid. (%)	Initials
11-18-11 08:50	N/A	N/A	0	194	68	19	SSM
11-19-11 09:02	207.30	N/A	24	156	68	24	SSM
11-19-11 11:02	207.34	0.04	26	156	69	25	SSM
11-19-11 13:11	207.36	0.02	28	168	69	28	SSM

Comments: _____

NOTE: A copy of this page should be used for each filter bag. The Test Coordinator should sign this document when the corresponding filter has been fully processed per the instructions in Appendix 2 – Filter Bag Processing Checklist.

Test Coordinator JEFF POSKA  Date 11/19/11
 Print Signature

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ATTACHMENT B - FILTER PROCESSING LOG

Date: 11-18-11 Test Number: C 2
 Filter ID: C 210 Balance ID: SC-04


Date & Time	Filter Weight (g)	Weight Difference (g)	Total Drying Time (hours)	Oven Temp. (°F)	Room Temp. (°F)	Room Humid. (%)	Initials
11-18-11 08:50	N/A	N/A	0	194	68	19	SSM
11-19-11 09:03	203.21	N/A	24	156	68	24	SSM
11-19-11 11:03	203.19	0.02	26	156	69	25	SSM
11-19-11 13:13	203.23	0.04	28	168	69	28	SSM


Comments: _____

NOTE: A copy of this page should be used for each filter bag. The Test Coordinator should sign this document when the corresponding filter has been fully processed per the instructions in Appendix 2 – Filter Bag Processing Checklist.

Test Coordinator JEFF POSKA  Date 11/19/11
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BWROG Report – GEH Class I

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ATTACHMENT B – FILTER PROCESSING LOG

Date: 11-19-11 Test Number: C2
 Filter ID: C211 Balance ID: 5C04


Date & Time	Filter Weight (g)	Weight Difference (g)	Total Drying Time (hours)	Oven Temp. (°F)	Room Temp. (°F)	Room Humid. (%)	Initials
11-19-11 08:20	N/A	N/A	0	179	67	24	SSM
11-20-11 09:15	187.79	N/A	25	188	67	28	SSM
11-20-11 11:29	187.80	0.01	26.7	183	68	31	SSM
11-20-11 13:41	187.83	0.03	29	185	69	32	SSM


Comments: _____

NOTE: A copy of this page should be used for each filter bag. The Test Coordinator should sign this document when the corresponding filter has been fully processed per the instructions in Appendix 2 – Filter Bag Processing Checklist.

Test Coordinator JEFF POSKA  Date 11/20/11
 Print Signature

BWROG Report – GEH Class I

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ATTACHMENT B - FILTER PROCESSING LOG

Date: 11-19-11 Test Number: C 2
 Filter ID: C 212 Balance ID: SC-04

Date & Time	Filter Weight (g)	Weight Difference (g)	Total Drying Time (hours)	Oven Temp. (°F)	Room Temp. (°F)	Room Humid. (%)	Initials
11-19-11 08:20	N/A	N/A	0	179	67	24	SSM
11-20-11 09:16	193.88	N/A	25	186	67	28	SSM
11-20-11 11:31	193.86	0.02	27	203	68	31	SSM
11-20-11 13:43	193.92	0.06	29	185	69	32	SSM


Comments: _____


NOTE: A copy of this page should be used for each filter bag. The Test Coordinator should sign this document when the corresponding filter has been fully processed per the instructions in Appendix 2 – Filter Bag Processing Checklist.

Test Coordinator JEFF PUSKA  Date 11/20/11
 Print Signature

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BWROG Report – GEH Class I

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ATTACHMENT B – FILTER PROCESSING LOG

Date: 11-19-11 Test Number: 02
 Filter ID: C 213 Balance ID: SC 04

Date & Time	Filter Weight (g)	Weight Difference (g)	Total Drying Time (hours)	Oven Temp. (°F)	Room Temp. (°F)	Room Humid. (%)	Initials
11-19-11 08:20	N/A	N/A	0	174	67	24	SSM
11-20-11 09:18	183.23	N/A	25	186	67	28	SSM
11-20-11 11:32	183.24	0.01	27	203	68	31	SSM
11-20-11 13:44	183.29	0.05	29	185	69	33	SSM


Comments: _____


NOTE: A copy of this page should be used for each filter bag. The Test Coordinator should sign this document when the corresponding filter has been fully processed per the instructions in Appendix 2 – Filter Bag Processing Checklist.

Test Coordinator JEFF POSKA  Date 11/20/11
 Print Signature

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BWROG Report – GEH Class I

	BWROG ECCS Strainer Bypass Test Report		
	Document No: BWROG-ECCS-TA13-004	Revision: I	Page: M-77 of M-219

	Filter Bag Preparation and Processing Procedure		
	Document No: ALION-SPP-LAB-2352-70	Revision: 0	Page: B1 of B1

ATTACHMENT B - FILTER PROCESSING LOG

Date: 11-19-11 Test Number: C2
 Filter ID: C214 Balance ID: SC-04


Date & Time	Filter Weight (g)	Weight Difference (g)	Total Drying Time (Hours)	Oven Temp. (°F)	Room Temp. (°F)	Room Humid. (%)	Initials
11-19-11 08:20	N/A	N/A	0	179	67	24	SSM
11-20-11 09:19	187.18	N/A	25	186	67	28	SSM
11-20-11 11:34	187.16	0.02	27	203	68	31	SSM
11-20-11 13:45	187.20	0.04	29	185	69	32	SSM


Comments: _____

NOTE: A copy of this page should be used for each filter bag. The Test Coordinator should sign this document when the corresponding filter has been fully processed per the instructions in Appendix 2 – Filter Bag Processing Checklist.

Test Coordinator JEFF POSKA  Date 11/20/11
 Print Signature

BWROG Report – GEH Class I

	BWROG ECCS Strainer Bypass Test Report		
	Document No: BWROG-ECCS-TA13-004	Revision: I	Page: M-78 of M-219

	Filter Bag Preparation and Processing Procedure		
	Document No: ALION-SPP-LAB-2352-70	Revision: 0	Page: B1 of B1

ATTACHMENT B – FILTER PROCESSING LOG

Date: 11-19-11 Test Number: C2
 Filter ID: C215 Balance ID: SC-04


Date & Time	Filter Weight (g)	Weight Difference (g)	Total Drying Time (hours)	Oven Temp. (°F)	Room Temp. (°F)	Room Humid. (%)	Initials
11-19-11 08:20	N/A	N/A	0	179	67	24	SSM
11-20-11 09:21	182.37	N/A	25	186	67	28	SSM
11-20-11 11:35	182.42	0.05	27	203	68	31	SSM
11-20-11 13:47	182.45	0.03	29	185	69	32	SSM


Comments: _____

NOTE: A copy of this page should be used for each filter bag. The Test Coordinator should sign this document when the corresponding filter has been fully processed per the instructions in Appendix 2 – Filter Bag Processing Checklist.

Test Coordinator JEFF PDSKA Date 11/20/11
 Print  Signature

BWROG Report – GEH Class I

	BWROG ECCS Strainer Bypass Test Report		
	Document No: BWROG-ECCS-TA13-004	Revision: I	Page: M-79 of M-219

	Filter Bag Preparation and Processing Procedure		
	Document No: ALION-SPP-LAB-2352-70	Revision: 0	Page: 81 of 81

ATTACHMENT B – FILTER PROCESSING LOG

Date: 11-19-11 Test Number: C2
 Filter ID: C 216 Balance ID: 3C-04


Date & Time	Filter Weight (g)	Weight Difference (g)	Total Drying Time (hours)	Oven Temp. (°F)	Room Temp. (°F)	Room Humid. (%)	Initials
11-19-11 08:30	N/A	N/A	0	179	67	24	SSM
11-20-11 09:22	182.23	N/A	25	186	67	28	SSM
11-20-11 11:36	182.29	0.06	27	203	68	31	SSM
11-20-11 13:48	182.30	0.01	29	185	69	32	SSM


Comments: _____

NOTE: A copy of this page should be used for each filter bag. The Test Coordinator should sign this document when the corresponding filter has been fully processed per the instructions in Appendix 2 – Filter Bag Processing Checklist.

Test Coordinator JEFF POSKA  Date 11/20/11
 Print Signature

BWROG Report – GEH Class I

	BWROG ECCS Strainer Bypass Test Report		
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	Filter Bag Preparation and Processing Procedure		
	Document No: ALION-SPP-LAB-2352-70	Revision: 0	Page: B1 of B1

ATTACHMENT B - FILTER PROCESSING LOG

Date: 11-19-11 Test Number: C2
 Filter ID: C217 Balance ID: 60-04


Date & Time	Filter Weight (g)	Weight Difference (g)	Total Drying Time (hours)	Oven Temp. (°F)	Room Temp. (°F)	Room Humid. (%)	Initials
11-19-11 08:20	N/A	N/A	0	179	67	24	SSM
11-20-11 09:23	182.71	N/A	25	186	67	28	SSM
11-20-11 11:37	182.74	0.03	27	203	68	31	SSM
11-20-11 13:49	182.78	0.04	29	188	69	32	SM


Comments: _____

NOTE: A copy of this page should be used for each filter bag. The Test Coordinator should sign this document when the corresponding filter has been fully processed per the instructions in Appendix 2 – Filter Bag Processing Checklist.

Test Coordinator JEFF POSKA  Date 11/20/11
 Print Signature

BWROG Report – GEH Class I

	BWROG ECCS Strainer Bypass Test Report		
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	Filter Bag Preparation and Processing Procedure		
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ATTACHMENT B – FILTER PROCESSING LOG

Date: 11-19-11 Test Number: C 2
 Filter ID: C 218 Balance ID: SC-04


Date & Time	Filter Weight (g)	Weight Difference (g)	Total Drying Time (hours)	Oven Temp. (°F)	Room Temp. (°F)	Room Humid. (%)	Initials
11-19-11 08:30	N/A	N/A	0	179	67	24	SSM
11-20-11 09:24	186.4	N/A	25	186	67	28	SSM
11-20-11 11:39	186.08	0.03	27	203	68	31	SSM
11-20-11 13:50	186.12	0.04	29	185	69	32	SSM


Comments: _____

NOTE: A copy of this page should be used for each filter bag. The Test Coordinator should sign this document when the corresponding filter has been fully processed per the instructions in Appendix 2 – Filter Bag Processing Checklist.

Test Coordinator JEFF POSKA  Date 11/20/11
 Print Signature

BWROG Report – GEH Class I

	BWROG ECCS Strainer Bypass Test Report		
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	Filter Bag Preparation and Processing Procedure		
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ATTACHMENT B – FILTER PROCESSING LOG

Date: 11-19-11 Test Number: C 2
 Filter ID: C 219 Balance ID: SC-04


Date & Time	Filter Weight (g)	Weight Difference (g)	Total Drying Time (hours)	Oven Temp. (°F)	Room Temp. (°F)	Room Humid. (%)	Initials
11-19-11 08:20	N/A	N/A	0	179	67	24	SSM
11-20-11 09:26	190.95	N/A	25	186	67	28	SSM
11-20-11 11:40	190.98	0.03	27	203	68	31	SSM
11-20-11 13:51	190.96	0.02	30	185	69	32	SSM


Comments: _____

NOTE: A copy of this page should be used for each filter bag. The Test Coordinator should sign this document when the corresponding filter has been fully processed per the instructions in Appendix 2 – Filter Bag Processing Checklist.

Test Coordinator JEFF POSKA  Date 11/20/11
 Print Signature

BWROG Report – GEH Class I

	BWROG ECCS Strainer Bypass Test Report		
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ATTACHMENT B – FILTER PROCESSING LOG

Date: 11-19-11 Test Number: C 2
 Filter ID: C 220 Balance ID: SC-04

Date & Time	Filter Weight (g)	Weight Difference (g)	Total Drying Time (hours)	Oven Temp. (°F)	Room Temp. (°F)	Room Humid. (%)	Initials
11-19-11 08:30	N/A	N/A	0	179	67	24	SSM
11-20-11 09:28	189.99	N/A	25	186	67	28	SSM
11-20-11 11:42	190.05	0.06	27	208.3	68	31	SSM
11-20-11 13:52	190.07	0.02	30	185	69	32	SSM


Comments: _____


NOTE: A copy of this page should be used for each filter bag. The Test Coordinator should sign this document when the corresponding filter has been fully processed per the instructions in Appendix 2 – Filter Bag Processing Checklist.

Test Coordinator JEFF POSKA Date 11/20/11

 Print Signature

BWROG Report – GEH Class I

	BWROG ECCS Strainer Bypass Test Report		
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	Filter Bag Preparation and Processing Procedure		
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ATTACHMENT B – FILTER PROCESSING LOG

Date: 11-19-11 Test Number: C 2
 Filter ID: C 221 Balance ID: 5C-04


Date & Time	Filter Weight (g)	Weight Difference (g)	Total Drying Time (hours)	Oven Temp. (°F)	Room Temp. (°F)	Room Humid. (%)	Initials
11-19-11 08:35	N/A 5.5m	N/A	0	158	67	24	SSM
11-20-11 09:34	184.18	N/A	2.5	185	67	30	SSM
11-20-11 11:44	184.25	0.07	2.7	179	68	30	SSM
11-20-11 13:56	184.21	0.04	2.9	177	69	30	SSM


Comments: _____

NOTE: A copy of this page should be used for each filter bag. The Test Coordinator should sign this document when the corresponding filter has been fully processed per the instructions in Appendix 2 – Filter Bag Processing Checklist.

Test Coordinator JEFF POSKA  Date 11/20/11
 Print Signature

BWROG Report – GEH Class I

	BWROG ECCS Strainer Bypass Test Report		
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ATTACHMENT B - FILTER PROCESSING LOG

Date: 11-19-11 Test Number: C2
 Filter ID: C222 Balance ID: SC-04


Date & Time	Filter Weight (g)	Weight Difference (g)	Total Drying Time (hours)	Dry Temp. (°F)	Room Temp. (°F)	Room Humid. (%)	Initials
11-19-11 08:35	N/A	N/A	0	15B	67	29	SSM
11-20-11 09:35	189.59	N/A	25	185	67	30	SSM
11-20-11 11:46	189.66	0.07	27	179	68	30	SSM
11-20-11 13:57	189.65	0.01	29	177	69	30	SSM


Comments: _____

NOTE: A copy of this page should be used for each filter bag. The Test Coordinator should sign this document when the corresponding filter has been fully processed per the instructions in Appendix 2 – Filter Bag Processing Checklist.

Test Coordinator JEFF POSKA Date 11/20/11
 Print  Signature

BWROG Report – GEH Class I

	BWROG ECCS Strainer Bypass Test Report		
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	Filter Bag Preparation and Processing Procedure		
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ATTACHMENT B – FILTER PROCESSING LOG

Date: 11-19-11 Test Number: C 2
 Filter ID: C 223 Balance ID: SC-01


Date & Time	Filter Weight (g)	Weight Difference (g)	Total Drying Time (hours)	Oven Temp. (°F)	Room Temp. (°F)	Room Humid. (%)	Initials
11-19-11 08:35	N/A	N/A	0	158	67	24	SSM
11-20-11 09:36	185.28	N/A	25	185	67	30	SSM
11-20-11 11:42	185.35	0.07	27	179	68	30	SSM
11-20-11 13:57	185.36	0.08	29	177	69	30	SSM


Comments: _____

NOTE: A copy of this page should be used for each filter bag. The Test Coordinator should sign this document when the corresponding filter has been fully processed per the instructions in Appendix 2 – Filter Bag Processing Checklist.

Test Coordinator JEFF POSKA  Date 11/20/11
 Print Signature

BWROG Report – GEH Class I

	BWROG ECCS Strainer Bypass Test Report		
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ATTACHMENT B – FILTER PROCESSING LOG

Date: 11-19-11 Test Number: C 2
 Filter ID: C 224 Balance ID: SC 04


Date & Time	Filter Weight (g)	Weight Difference (g)	Total Drying Time (hours)	Oven Temp. (°F)	Room Temp. (°F)	Room Humid. (%)	Initials
11-19-11 08:35	N/A	N/A	0	158	67	29	SSM
11-20-11 09:37	179.32	N/A	25	185	67	30	SSM
11-20-11 11:49	179.38	0.06	27	179	68	30	SSM
11-20-11 13:58	179.35	0.03	29	177	69	30	SSM


Comments: _____

NOTE: A copy of this page should be used for each filter bag. The Test Coordinator should sign this document when the corresponding filter has been fully processed per the instructions in Appendix 2 – Filter Bag Processing Checklist.

Test Coordinator JEFF POSKA  Date 11/20/11
 Print Signature

BWROG Report – GEH Class I

	BWROG ECCS Strainer Bypass Test Report		
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ATTACHMENT B - FILTER PROCESSING LOG

Date: 11-19-11 Test Number: C2
 Filter ID: C225 Balance ID: SC-04


Date & Time	Filter Weight (g)	Weight Difference (g)	Total Drying Time (hours)	Oven Temp. (°F)	Room Temp. (°F)	Room Humid. (%)	Initials
11-19-11 08:35	N/A	N/A	0	158	67	24	SSM
11-20-11 09:38	195.48	N/A	25	185	67	30	SSM
11-20-11 11:50	195.55	0.07	27	179	68	80	SSM
11-20-11 13:39	195.50	0.07	29	177	69	30	SSM


Comments: _____

NOTE: A copy of this page should be used for each filter bag. The Test Coordinator should sign this document when the corresponding filter has been fully processed per the instructions in Appendix 2 – Filter Bag Processing Checklist.

Test Coordinator JEFF POSKA Date 11/20/11
 Print  Signature

BWROG Report – GEH Class I

	BWROG ECCS Strainer Bypass Test Report		
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	Filter Bag Preparation and Processing Procedure		
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ATTACHMENT B – FILTER PROCESSING LOG

Date: 11-19-11 Test Number: C2
 Filter ID: C226 Balance ID: SC-04


Date & Time	Filter Weight (g)	Weight Difference (g)	Total Drying Time (hours)	Oven Temp. (°F)	Room Temp. (°F)	Room Humid. (%)	Initials
11-19-11 08:35	N/A	N/A	0	158	67	24	SSM
11-20-11 09:40	185.70	N/A	25	185	67	30	SSM
11-20-11 11:52	185.77	0.07	27	179	68	30	SSM
11-20-11 14:01	185.75	0.02	29	177	69	30	SSM


Comments: _____

NOTE: A copy of this page should be used for each filter bag. The Test Coordinator should sign this document when the corresponding filter has been fully processed per the instructions in Appendix 2 – Filter Bag Processing Checklist.

Test Coordinator JEFF POSKA Date 11/20/11
 Print  Signature

BWROG Report – GEH Class I

	BWROG ECCS Strainer Bypass Test Report		
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	Filter Bag Preparation and Processing Procedure		
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ATTACHMENT B – FILTER PROCESSING LOG

Date: 11-19-11 Test Number: C2
 Filter ID: C501 Balance ID: SC-04

Date & Time	Filter Weight (g)	Weight Difference (g)	Total Drying Time (hours)	Oven Temp. (°F)	Room Temp. (°F)	Room Humid. (%)	Initials
11-19-11 08:35	N/A	N/A	0	158	67	24	SSM
11-20-11 09:41	176.40	N/A	25	185	67	30	SSM
11-20-11 11:53	176.45	0.05	27	179	68	30	SSM
11-20-11 14:02	176.47	0.02	29	177	69	30	SSM


Comments: _____


NOTE: A copy of this page should be used for each filter bag. The Test Coordinator should sign this document when the corresponding filter has been fully processed per the instructions in Appendix 2 – Filter Bag Processing Checklist.

Test Coordinator JEFF PDSKA  Date 11/20/11
 Print Signature

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BWROG Report – GEH Class I

	BWROG ECCS Strainer Bypass Test Report		
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ATTACHMENT B - FILTER PROCESSING LOG

Date: 11-19-11 Test Number: C2
 Filter ID: C502 Balance ID: 56-04


Date & Time	Filter Weight (g)	Weight Difference (g)	Total Drying Time (hours)	Oven Temp. (°F)	Room Temp. (°F)	Room Humid. (%)	Initials
11-19-11 08:35	N/A	N/A	0	158	67	24	SSM
11-20-11 09:42	179.94	N/A	25	185	67	30	SSM
11-20-11 11:55	179.90	0.04	27	179	68	30	SSM
11-20-11 14:03	179.92	0.02	29	177	69	30	SSM


Comments: _____

NOTE: A copy of this page should be used for each filter bag. The Test Coordinator should sign this document when the corresponding filter has been fully processed per the instructions in Appendix 2 - Filter Bag Processing Checklist.

Test Coordinator JEFF POSKA  Date 11/20/11
 Print Signature

BWROG Report – GEH Class I

	BWROG ECCS Strainer Bypass Test Report		
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ATTACHMENT B – FILTER PROCESSING LOG

Date: 11-19-11 Test Number: C-2
 Filter ID: C503 Balance ID: SC-04


Date & Time	Filter Weight (g)	Weight Difference (g)	Total Drying Time (hours)	Oven Temp. (°F)	Room Temp. (°F)	Room Humid. (%)	Initials
11-19-11 08:35	N/A	N/A	0	158	67	24	SSM
11-20-11 09:44	180.31	N/A	25	185	67	30	SSM
11-20-11 11:56	180.27	0.04	27	179	68	30	SSM
11-20-11 14:04	180.25	0.02	29	177	69	30	SSM


Comments: _____

NOTE: A copy of this page should be used for each filter bag. The Test Coordinator should sign this document when the corresponding filter has been fully processed per the instructions in Appendix 2 – Filter Bag Processing Checklist.

Test Coordinator JEFF POSKA  Date 11/20/11
 Print Signature

BWROG Report – GEH Class I

	BWROG ECCS Strainer Bypass Test Report		
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ATTACHMENT B – FILTER PROCESSING LOG

Date: 11-19-11 Test Number: C 2
 Filter ID: C 504 Balance ID: 5C-04


Date & Time	Filter Weight (g)	Weight Difference (g)	Total Drying Time (hours)	Oven Temp. (°F)	Room Temp. (°F)	Room Humid. (%)	Initials
11-19-11 08:35	N/A	N/A	0	158	67	24	SSM
11-20-11 09:45	175.02	N/A	25	185	67	30	SSM
11-20-11 11:58	174.98	0.04	27	179	68	30	SSM
11-20-11 14:05	174.96	0.02	29	177	69	30	SSM


Comments: _____

NOTE: A copy of this page should be used for each filter bag. The Test Coordinator should sign this document when the corresponding filter has been fully processed per the instructions in Appendix 2 – Filter Bag Processing Checklist.

Test Coordinator JEFF POSKA  Date 11/20/11
 Print Signature

BWROG Report – GEH Class I

	BWROG ECCS Strainer Bypass Test Report		
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ATTACHMENT B – FILTER PROCESSING LOG

Date: 11-30-11 Test Number: C3
 Filter ID: C301 Balance ID: SC01

Date & Time	Filter Weight (g)	Weight Difference (g)	Total Drying Time (hours)	Oven Temp. (°F)	Room Temp. (°F)	Room Humid. (%)	Initials
11-30-11 08:24	N/A	N/A	0	210	69	23	SSM
12-1-11 08:35	188.07	N/A	24	188	69	23	SSM
12-1-11 10:42	188.06	0.01	26	177	68	24	SSM
12-1-11 12:57	188.03	0.03	29	169	69	26	SSM


Comments: _____


NOTE: A copy of this page should be used for each filter bag. The Test Coordinator should sign this document when the corresponding filter has been fully processed per the instructions in Appendix 2 – Filter Bag Processing Checklist.

Test Coordinator JEFF POSKA  Date 12-1-11
 Print Signature

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BWROG Report – GEH Class I

	BWROG ECCS Strainer Bypass Test Report		
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ATTACHMENT B – FILTER PROCESSING LOG

Date: 11-30-11 Test Number: C3
 Filter ID: C303 Balance ID: SC-04

Date & Time	Filter Weight (g)	Weight Difference (g)	Total Drying Time (hours)	Oven Temp. (°F)	Room Temp. (°F)	Room Humid. (%)	Initials
11-30-11 08:24	NA	N/A	0	210	69	23	SSM
12-1-11 08:37	188.23	N/A	24	188	69	22	SSM
12-1-11 10:49	188.23	0.01	26	177	68	24	SSM
12-1-11 12:58	188.21	0.01	29	169	69	26	SSM


Comments: _____


NOTE: A copy of this page should be used for each filter bag. The Test Coordinator should sign this document when the corresponding filter has been fully processed per the instructions in Appendix 2 – Filter Bag Processing Checklist.

Test Coordinator JEFF POSKA  Date 12-1-11
 Print Signature

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BWROG Report – GEH Class I

	BWROG ECCS Strainer Bypass Test Report		
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ATTACHMENT B - FILTER PROCESSING LOG

Date: 11-30-11 Test Number: C3
 Filter ID: C303 Balance ID: SC-04


Date & Time	Filter Weight (g)	Weight Difference (g)	Total Drying Time (hours)	Oven Temp. (°F)	Room Temp. (°F)	Room Humid. (%)	Initials
11-30-11 08:24	N/A	N/A	0	210	69	23	SSM
12-1-11 08:39	235.25	N/A	24	188	69	22	SSM
12-1-11 10:46	235.25	0.00	26	177	68	24	SSM
12-1-11 13:00	235.27	0.02	29	169	69	26	SSM


Comments: _____

NOTE: A copy of this page should be used for each filter bag. The Test Coordinator should sign this document when the corresponding filter has been fully processed per the instructions in Appendix 2 – Filter Bag Processing Checklist.

Test Coordinator JEFF POSKA  Date 12/1/11
 Print Signature

BWROG Report – GEH Class I

	BWROG ECCS Strainer Bypass Test Report		
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ATTACHMENT B - FILTER PROCESSING LOG

Date: 11-30-11 Test Number: C 3
 Filter ID: C304 Balance ID: SC-04


Date & Time	Filter Weight (g)	Weight Difference (g)	Total Drying Time (hours)	Oven Temp. (°F)	Room Temp. (°F)	Room Humid. (%)	Initials
11-30-11 08:24	N/A	N/A	0	210	69	23	SSM
12-1-11 08:41	242.37	N/A	24	188	69	22	SSM
12-1-11 10:49	242.38	0.01	26	177	68	24	SSM
12-1-11 13:02	242.36	0.02	29	169	69	26	SSM


Comments: _____

NOTE: A copy of this page should be used for each filter bag. The Test Coordinator should sign this document when the corresponding filter has been fully processed per the instructions in Appendix 2 – Filter Bag Processing Checklist.

Test Coordinator JEFF POSKA  Date 12/1/11
 Print Signature

BWROG Report – GEH Class I

	BWROG ECCS Strainer Bypass Test Report		
	Document No: BWROG-ECCS-TA13-004	Revision: I	Page: M-98 of M-219

	Filter Bag Preparation and Processing Procedure		
	Document No: ALION-SPP-LAB-2352-70	Revision: I	Page: B1 of B1

ATTACHMENT B – FILTER PROCESSING LOG

Date: 11-30-11 Test Number: C3
 Filter ID: C305 Balance ID: SC-04


Date & Time	Filter Weight (g)	Weight Difference (g)	Total Drying Time (hours)	Oven Temp. (°F)	Room Temp. (°F)	Room Humid. (%)	Initials
11-30-11 08:34	N/A	N/A	0	210	69	23	SSM
12-1-11 08:43	195.87	N/A	24	188	69	22	SSM
12-1-11 10:52	199.93	0.06	26	177	68	24	SSM
12-1-11 13:01	195.88	0.05	29	169	69	26	SSM


Comments: _____

NOTE: A copy of this page should be used for each filter bag. The Test Coordinator should sign this document when the corresponding filter has been fully processed per the instructions in Appendix 2 – Filter Bag Processing Checklist.

Test Coordinator JEFF POSKA  Date 12-1-11
 Print Signature

BWROG Report – GEH Class I

	BWROG ECCS Strainer Bypass Test Report		
	Document No: BWROG-ECCS-TA13-004	Revision: I	Page: M-99 of M-219

	Filter Bag Preparation and Processing Procedure		
	Document No: ALION-SPP-LAB-2352-70	Revision: I	Page: B1 of B1

ATTACHMENT B – FILTER PROCESSING LOG

Date: 11-30-11 Test Number: C3
 Filter ID: C306 Balance ID: SC-04


Date & Time	Filter Weight (g)	Weight Difference (g)	Total Drying Time (hours)	Oven Temp. (°F)	Room Temp. (°F)	Room Humid. (%)	Initials
11-30-11 08:24	N/A	N/A	0	210	69	23	SSM
12-1-11 08:44	195.39	N/A	24	188	69	23	SSM
12-1-11 10:53	195.39	0.00	26	177	68	24	SSM
12-1-11 13:05	195.41	0.02	29	169	69	26	SSM


Comments: _____

NOTE: A copy of this page should be used for each filter bag. The Test Coordinator should sign this document when the corresponding filter has been fully processed per the instructions in Appendix 2 – Filter Bag Processing Checklist.

Test Coordinator JEFF POSKA  Date 12-1-11
Print Signature

BWROG Report – GEH Class I

	BWROG ECCS Strainer Bypass Test Report		
	Document No: BWROG-ECCS-TA13-004	Revision: I	Page: M-100 of M-219

	Filter Bag Preparation and Processing Procedure		
	Document No: ALION-SPP-LAB-2352-70	Revision: I	Page: B1 of B1

ATTACHMENT B – FILTER PROCESSING LOG

Date: 11-30-11 Test Number: C3
 Filter ID: C307 Balance ID: SC-04


Date & Time	Filter Weight (g)	Weight Difference (g)	Total Drying Time (hours)	Oven Temp. (°F)	Room Temp. (°F)	Room Humid. (%)	Initials
11-30-11 08:24	N/A	N/A	0	210	69	23	SSM
12-1-11 08:46	190.53	N/A	24	188	69	22	SSM
12-1-11 10:55	190.51	0.02	27	177	68	24	SSM
12-1-11 18:07	190.58	0.07	29	169	69	26	SSM


Comments: _____

NOTE: A copy of this page should be used for each filter bag. The Test Coordinator should sign this document when the corresponding filter has been fully processed per the instructions in Appendix 2 – Filter Bag Processing Checklist.

Test Coordinator JEFF POSKA Date 12-1-11
 Print  Signature

BWROG Report – GEH Class I

	BWROG ECCS Strainer Bypass Test Report		
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	Filter Bag Preparation and Processing Procedure		
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ATTACHMENT B – FILTER PROCESSING LOG


Date: 11-30-11 Test Number: C3
 Filter ID: C309 Balance ID: SC-04


Date & Time	Filter Weight (g)	Weight Difference (g)	Total Drying Time (hours)	Oven Temp. (°F)	Room Temp. (°F)	Room Humid. (%)	Initials
11-30-11 08:24	N/A	N/A	0	210	69	23	SSM
12-1-11 08:48	183.40	N/A	24	180	69	22	SSM
12-1-11 10:56	183.43	0.03	27	177	68	24	SSM
12-1-11 18:09	183.44	0.01	29	169	69	26	SSM

Comments: _____

NOTE: A copy of this page should be used for each filter bag. The Test Coordinator should sign this document when the corresponding filter has been fully processed per the instructions in Appendix 2 – Filter Bag Processing Checklist.

Test Coordinator JEFF POSKA  Date 11-1-11
 Print Signature

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	Filter Bag Preparation and Processing Procedure		
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ATTACHMENT B – FILTER PROCESSING LOG

Date: 11-30-11 Test Number: C3
 Filter ID: C309 Balance ID: 5C-04


Date & Time	Filter Weight (g)	Weight Difference (g)	Total Drying Time (hours)	Oven Temp. (°F)	Room Temp. (°F)	Room Humid. (%)	Initials
11-30-11 08:24	N/A	N/A	0	210	69	23	SSM
12-1-11 08:50	178.29	N/A	2.4	188	69	22	SSM
12-1-11 10:58	178.29	0.00	2.7	177	68	24	SSM
12-1-11 18:10	178.31	0.02	2.9	169	69	26	SEM


Comments: _____

NOTE: A copy of this page should be used for each filter bag. The Test Coordinator should sign this document when the corresponding filter has been fully processed per the instructions in Appendix 2 – Filter Bag Processing Checklist.

Test Coordinator JEFF POSKA  Date 12-1-11
 Print Signature

BWROG Report – GEH Class I

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ATTACHMENT B – FILTER PROCESSING LOG

Date: 11-30-11 Test Number: C3
 Filter ID: C310 Balance ID: SC-04


Date & Time	Filter Weight (g)	Weight Difference (g)	Total Drying Time (hours)	Oven Temp. (°F)	Room Temp. (°F)	Room Humid. (%)	Initials
11-30-11 15:16	N/A	N/A	0	187	71	24	SSM
12-2-11 08:02	182.78	N/A	41	192	69	26	SSM
12-2-11 10:11	182.79	0.01	43	179	70	27	SSM
12-2-11 12:31	182.78	0.01	45	184	69	27	SSM


Comments: _____

NOTE: A copy of this page should be used for each filter bag. The Test Coordinator should sign this document when the corresponding filter has been fully processed per the instructions in Appendix 2 – Filter Bag Processing Checklist.

Test Coordinator JEFF POSKA  Date 12-2-11
 Print Signature

BWROG Report – GEH Class I

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ATTACHMENT B – FILTER PROCESSING LOG

Date: 11-30-11 Test Number: C3
 Filter ID: C311 Balance ID: SC-04

Date & Time	Filter Weight (g)	Weight Difference (g)	Total Drying Time (hours)	Oven Temp. (°F)	Room Temp. (°F)	Room Humid. (%)	Initials
11-30-11 15:16	N/A	N/A	0	182	71	24	SSM
12-3-11 08:04	185.07	N/A	41	192	69	26	SSM
12-2-11 10:13	185.13	0.06	43	179	70	27	SSM
12-2-11 12:33	185.10	0.03	45	184	69	37	SSM


Comments: _____


NOTE: A copy of this page should be used for each filter bag. The Test Coordinator should sign this document when the corresponding filter has been fully processed per the instructions in Appendix 2 – filter Bag Processing Checklist.

Test Coordinator JEFF POSKA  Date 12-7-11
 Print Signature

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BWROG Report – GEH Class I

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ATTACHMENT B – FILTER PROCESSING LOG

Date: 11-30-11 Test Number: C3
 Filter ID: C3/2 Balance ID: SC04


Date & Time	Filter Weight (g)	Weight Difference (g)	Total Drying Time (hours)	Oven Temp. (°F)	Room Temp. (°F)	Room Humid. (%)	Initials
11-30-11 15:16	N/A	N/A	0	187	71	24	SSM
12-2-11 08:05	190.31	N/A	41	143	69	26	SSM
12-2-11 10:15	190.33	0.02	43	179	70	27	SSM
12-2-11 12:35	190.39	0.06	45	184	69	27	SSM


Comments: _____

NOTE: A copy of this page should be used for each filter bag. The Test Coordinator should sign this document when the corresponding filter has been fully processed per the instructions in Appendix 2 – Filter Bag Processing Checklist.

JEFF POSKA
 Test Coordinator _____ Date 12-2-11
 Print Signature

BWROG Report – GEH Class I

	BWROG ECCS Strainer Bypass Test Report		
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ATTACHMENT B – FILTER PROCESSING LOG

Date: 11-30-11 Test Number: C3
 Filter ID: C313 Balance ID: SC-04


Date & Time	Filter Weight (g)	Weight Difference (g)	Total Drying Time (hours)	Oven Temp. (°F)	Room Temp. (°F)	Room Humid. (%)	Initials
11-30-11 15:16	N/A	N/A	0	187	71	24	SSM
12-2-11 08:07	183.98	N/A	41	192	69	26	SSM
12-2-11 10:17	184.05	0.07	43	179	70	27	SSM
12-2-11 12:37	184.03	0.02	45	184	69	27	SSM


Comments: _____

NOTE: A copy of this page should be used for each filter bag. The Test Coordinator should sign this document when the corresponding filter has been fully processed per the instructions in Appendix 2 – Filter Bag Processing Checklist.

Test Coordinator JEFF POSKA  Date 12-2-11
 Print Signature

BWROG Report – GEH Class I

	BWROG ECCS Strainer Bypass Test Report		
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ATTACHMENT B – FILTER PROCESSING LOG

Date: 11-30-11 Test Number: C.3
 Filter ID: C.314 Balance ID: SC-04


Date & Time	Filter Weight (g)	Weight Difference (g)	Total Drying Time (hours)	Oven Temp. (°F)	Room Temp. (°F)	Room Humid. (%)	Initials
11-30-11 15:16	N/A	N/A	0	187	71	24	SSM
12-2-11 08:08	186.27	N/A	41	190	69	26	SSM
12-2-11 10:18	186.31	0.04	43	179	70	27	SSM
12-2-11 12:38	186.33	0.06	45	184	69	27	SSM


Comments: _____

NOTE: A copy of this page should be used for each filter bag. The Test Coordinator should sign this document when the corresponding filter has been fully processed per the instructions in Appendix 2 – Filter Bag Processing Checklist.

Test Coordinator JEFF POSKA  Date 12-2-11
 Print Signature

BWROG Report – GEH Class I

	BWROG ECCS Strainer Bypass Test Report		
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ATTACHMENT B - FILTER PROCESSING LOG

Date: 1-5-12 Test Number: C3.2
 Filter ID: C3.201 Balance ID: SC-04


Date & Time	Filter Weight (g)	Weight Difference (g)	Total Drying Time (hours)	Oven Temp. (°F)	Room Temp. (°F)	Room Humid. (%)	Initials
1-5-12 08:45	N/A	N/A	0	201	74	16	SSM
1-5-12 08:57	202.65	N/A	24	204	71	23	SSM
1-6-12 11:07	202.63	0.02	28 ^{SSM}	183	71	23	SSM
1-6-12 13:15	202.61	0.02	29	178	71	25	SSM


Comments: _____

NOTE: A copy of this page should be used for each filter bag. The Test Coordinator should sign this document when the corresponding filter has been fully processed per the instructions in Appendix 2 – Filter Bag Processing Checklist.

Test Coordinator: JEFF POSKA  Date: 1/6/12
 Print Signature

BWROG Report – GEH Class I

	BWROG ECCS Strainer Bypass Test Report		
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ATTACHMENT B – FILTER PROCESSING LOG

Date: 1-5-12 Test Number: C3.2
 Filter ID: C3-202 Balance ID: SC04


Date & Time	Filter Weight (g)	Weight Difference (g)	Total Drying Time (hours)	Oven Temp. (°F)	Room Temp. (°F)	Room Humid. (%)	Initials
1-5-12 08:45	N/A	N/A	0	201	74	16	SSM
1-6-12 08:36	183.87	N/A	34	207	71	2.3	SSM
1-6-12 11:10	183.94	0.07	286 ^{SSM}	183	71	2.3	SSM
1-6-12 13:16	183.91	0.03	29	178	71	2.5	SSM


Comments: _____

NOTE: A copy of this page should be used for each filter bag. The Test Coordinator should sign this document when the corresponding filter has been fully processed per the instructions in Appendix 2 – Filter Bag Processing Checklist.

Test Coordinator JEFF POSKA  Date 1/6/12
 Print Signature

BWROG Report – GEH Class I

	BWROG ECCS Strainer Bypass Test Report		
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ATTACHMENT B – FILTER PROCESSING LOG

Date: 1-5-12 Test Number: C3.2
 Filter ID: C3.203 Balance ID: SC-04


Date & Time	Filter Weight (g)	Weight Difference (g)	Total Drying Time (hours)	Oven Temp. (°F)	Room Temp. (°F)	Room Humid. (%)	Initials
1-5-12 08:45	N/A	N/A	0	201	74	16	SSM
1-6-12 08:58	222.96	N/A	24	204	71	23	SSM
1-6-12 11:12	222.96	0.00	27 ^{SSM}	183	71	23	SSM
1-6-12 13:18	222.94	0.02	29	178	71	25	SSM


Comments: _____

NOTE: A copy of this page should be used for each filter bag. The Test Coordinator should sign this document when the corresponding filter has been fully processed per the instructions in Appendix 2 – Filter Bag Processing Checklist.

Test Coordinator JEFF PDSKA  Date 1/6/12
 Print Signature

BWROG Report – GEH Class I

	BWROG ECCS Strainer Bypass Test Report		
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ATTACHMENT B – FILTER PROCESSING LOG

Date: 1-5-12 Test Number: C3-2
 Filter ID: C3.204 Balance ID: SC-04

Date & Time	Filter Weight (g)	Weight Difference (g)	Total Drying Time (hours)	Oven Temp. (°F)	Room Temp. (°F)	Room Humid. (%)	Initials
1-5-12 08:46	N/A	N/A	0	201	74	16	SSM
1-6-12 09:00	229.86	N/A	24	204	71	23	SSM
1-6-12 11:13	229.89	0.03	26 ^{SSM}	183	71	23	SSM
1-6-12 13:20	229.92	0.03	29	178	71	25	SSM


Comments: _____


NOTE: A copy of this page should be used for each filter bag. The Test Coordinator should sign this document when the corresponding filter has been fully processed per the instructions in Appendix 2 – Filter Bag Processing Checklist.

Test Coordinator JEFF POSKA Date 1/6/12

 Print  Signature

BWROG Report – GEH Class I

	BWROG ECCS Strainer Bypass Test Report		
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ATTACHMENT B – FILTER PROCESSING LOG

Date: 1-5-12 Test Number: C3-2
 Filter ID: C3-205 Balance ID: SC-04


Date & Time	Filter Weight (g)	Weight Difference (g)	Total Drying Time (hours)	Oven Temp. (°F)	Room Temp. (°F)	Room Humid. (%)	Initials
1-5-12 08:45	N/A	N/A	0	201	74	16	SSM
1-6-12 09:02	197.42	N/A	24	204	71	23	SSM
1-6-12 11:16	197.49	0.07	27	183	71	23	SSM
1-6-12 13:21	197.48	0.01	29	178	71	25	SSM


Comments: _____

NOTE: A copy of this page should be used for each filter bag. The Test Coordinator should sign this document when the corresponding filter has been fully processed per the instructions in Appendix 2 – Filter Bag Processing Checklist.

Test Coordinator JEFF POSKA Date 1/6/12
 Print  Signature

BWROG Report – GEH Class I

	BWROG ECCS Strainer Bypass Test Report		
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ATTACHMENT B - FILTER PROCESSING LOG

Date: 1-5-12 Test Number: C3.2
 Filter ID: C3.206 Balance ID: SC-04


Date & Time	Filter Weight (g)	Weight Difference (g)	Total Drying Time (hours)	Oven Temp. (°F)	Room Temp. (°F)	Room Humid. (%)	Initials
1-5-12 08:46	N/A	N/A	0	201	74	16	SSM
1-6-12 09:04	192.53	N/A	24	204	71	23	SSM
1-6-12 11:17	192.53	0.00	27	183	71	23	SSM
1-6-12 13:22	192.53	0.00	29	178	71	25	SSM


Comments: _____

NOTE: A copy of this page should be used for each filter bag. The Test Coordinator should sign this document when the corresponding filter has been fully processed per the instructions in Appendix 2 – Filter Bag Processing Checklist.

Test Coordinator JEFF POSKA  Date 1/4/12
Print

BWROG Report – GEH Class I

	BWROG ECCS Strainer Bypass Test Report		
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ATTACHMENT B – FILTER PROCESSING LOG


Date: 1-5-12 Test Number: C3.2
 Filter ID: C3207 Balance ID: SC-09


Date & Time	Filter Weight (g)	Weight Difference (g)	Total Drying Time (hours)	Oven Temp. (°F)	Room Temp. (°F)	Room Humid. (%)	Initials
1-5-12 08:46	N/A	N/A	0	201	74	16	SSM
1-6-12 09:06	189.15	N/A	24	204	71	23	SSM
1-6-12 11:19	189.12	0.03	27	183	71	23	SSM
1-6-12 16:24	189.14	0.02	29	178	71	25	SSM

Comments: _____

NOTE: A copy of this page should be used for each filter bag. The Test Coordinator should sign this document when the corresponding filter has been fully processed per the instructions in Appendix 2 – Filter Bag Processing Checklist.

Test Coordinator: JEFF POSKA  Date 1/6/12
 Print Signature

	BWROG ECCS Strainer Bypass Test Report		
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ATTACHMENT B – FILTER PROCESSING LOG

Date: 1-5-12 Test Number: C3.2
 Filter ID: C3.208 Balance ID: SC-04


Date & Time	Filter Weight (g)	Weight Difference (g)	Total Drying Time (hours)	Oven Temp. (°F)	Room Temp. (°F)	Room Humid. (%)	Initials
1-5-12 08:45	N/A	N/A	0	201	74	16	SSM
1-6-12 09:08	182.09	N/A	24	204	71	23	SSM
1-6-12 11:20	182.06	0.03	27	183	71	23	SSM
1-6-12 13:25	182.04	0.02	29	178	71	25	SSM


Comments: _____

NOTE: A copy of this page should be used for each filter bag. The Test Coordinator should sign this document when the corresponding filter has been fully processed per the instructions in Appendix 2 – Filter Bag Processing Checklist.

Test Coordinator JEFF POSKA Date 1/6/12
 Print  Signature

BWROG Report – GEH Class I

	BWROG ECCS Strainer Bypass Test Report		
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ATTACHMENT B – FILTER PROCESSING LOG

Date: 1-5-12 Test Number: C3.2
 Filter ID: C3.209 Balance ID: SC04


Date & Time	Filter Weight (g)	Weight Difference (g)	Total Drying Time (hours)	Oven Temp. (°F)	Room Temp. (°F)	Room Humid. (%)	Initials
1-5-12 08:45	N/A	N/A	0	201	74	16	SSM
1-6-12 09:10	187.97	N/A	24	209	71	23	SSM
1-6-12 11:22	187.51	0.04	27	183	71	23	SSM
1-6-12 13:26	187.52	0.01	29	178	71	25	SSM


Comments: _____

NOTE: A copy of this page should be used for each filter bag. The Test Coordinator should sign this document when the corresponding filter has been fully processed per the instructions in Appendix 2 – Filter Bag Processing Checklist.

Test Coordinator JEFF POSKA  Date 1/6/12
Print Signature

BWROG Report – GEH Class I

	BWROG ECCS Strainer Bypass Test Report		
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ATTACHMENT B – FILTER PROCESSING LOG

Date: 1-5-12 Test Number: C3.2
 Filter ID: C3.210 Balance ID: SC-04


Date & Time	Filter Weight (g)	Weight Difference (g)	Total Drying Time (hours)	Oven Temp. (°F)	Room Temp. (°F)	Room Humid. (%)	Initials
1-5-12 08:45	N/A	N/A	0	201	79	16	SSM
1-6-12 09:12	181.96	N/A	24	204	71	23	SSM
1-6-12 11:23	182.02	0.06	27	183	71	23	SSM
1-6-12 13:28	181.99	0.03	29	178	71	25	SSM


Comments: _____

NOTE: A copy of this page should be used for each filter bag. The Test Coordinator should sign this document when the corresponding filter has been fully processed per the instructions in Appendix 2 – Filter Bag Processing Checklist.

Test Coordinator JEFF POSKA  Date 1/4/12
 Print Signature

BWROG Report – GEH Class I

	BWROG ECCS Strainer Bypass Test Report		
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ATTACHMENT B – FILTER PROCESSING LOG


Date: 11-22-11 Test Number: C4
 Filter ID: C401 Balance ID: SC-04


Date & Time	Filter Weight (g)	Weight Difference (g)	Total Drying Time (hours)	Oven Temp. (°F)	Room Temp. (°F)	Room Humid. (%)	Initials
11-22-11 11:10	N/A	N/A	0	200	67.5	35.4	MJ
11-23-11 11:30	200.46	N/A	24	170	69.1	32.4	MJ
11-23-11 13:21	200.47	0.01	26	170	67.1	36.0	MJ
11/23/11 18:23	200.43	0.04	28	173	68.1	38.2	MJ

Comments: _____

NOTE: A copy of this page should be used for each filter bag. The Test Coordinator should sign this document when the corresponding filter has been fully processed per the instructions in Appendix 2 – Filter Bag Processing Checklist.

Test Coordinator JEFF POSKA  Date 11/23/11
Print Signature

	BWROG ECCS Strainer Bypass Test Report		
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ATTACHMENT B – FILTER PROCESSING LOG

Date: 11-27-11 Test Number: C4
 Filter ID: C402 Balance ID: SC-04

MJ
11/27/11


Date & Time	Filter Weight (g)	Weight Difference (g)	Total Drying Time (hours)	Oven Temp. (°F)	Room Temp. (°F)	Room Humid. (%)	Initials
11-22-11 11:11	N/A	N/A	0	206	67.3	36.0	MJ
11-23-11 11:21	196.71	N/A	24	173	68.1	32.9	MJ
11-23-11 13:23	196.76	0.05	26	170	67.7	35.1	MJ
11-23-11 15:25	196.75	0.01	28	163	68.4	34	MJ


Comments: _____

NOTE: A copy of this page should be used for each filter bag. The Test Coordinator should sign this document when the corresponding filter has been fully processed per the instructions in Appendix 2 – Filter Bag Processing Checklist.

Test Coordinator JEFF POSKA  Date 11/23/11
 Print Signature

BWROG Report – GEH Class I

	BWROG ECCS Strainer Bypass Test Report		
	Document No: BWROG-ECCS-TA13-004	Revision: I	Page: M-120 of M-219

	Filter Bag Preparation and Processing Procedure		
	Document No: ALION-SPP-LAB-2352-70	Revision: I	Page: B1 of B1

ATTACHMENT B - FILTER PROCESSING LOG

Date: 11-22-11 Test Number: C4
 Filter ID: 6403 Balance ID: 5004

Date & Time	Filter Weight (g)	Weight Difference (g)	Total Drying Time (hours)	Oven Temp. (°F)	Room Temp. (°F)	Room Humid. (%)	Initials
11-22-11 11:13	N/A	N/A	0	206	67.6	33.4	MS
11-23-11 11:22	259.11	N/A	24	175	67.7	32.1	MS
11-23-11 13:25	259.11	0.00	26	170	67.9	34.6	MS
11-23-11 15:28	259.16	0.05	28	163	68.6	34.0	MS

MS
11-23-11


MS
11-23-11


Comments: _____

NOTE: A copy of this page should be used for each filter bag. The Test Coordinator should sign this document when the corresponding filter has been fully processed per the instructions in Appendix 2 – Filter Bag Processing Checklist.

Test Coordinator JEFF POSKA  Date 11/22/11
 Print Signature

BWROG Report – GEH Class I

	BWROG ECCS Strainer Bypass Test Report		
	Document No: BWROG-ECCS-TA13-004	Revision: I	Page: M-121 of M-219

	Filter Bag Preparation and Processing Procedure		
	Document No: ALION-SPP-LAB-2352-70	Revision: I	Page: B1 of B1

ATTACHMENT B – FILTER PROCESSING LOG

Date: 11-22-11 Test Number: 64
 Filter ID: C404 Balance ID: SC-04


Date & Time	Filter Weight (g)	Weight Difference (g)	Total Drying Time (hours)	Oven Temp. (°F)	Room Temp. (°F)	Room Humid. (%)	Initials
11-22-11 11:16	N/A	N/A	0	206	67.3	35.6	MJ
11-23-11 11:24	265.90	N/A	24	175	67.7	32.0	MJ
11/23/11 13:26	265.95	0.05	26	170	67.8	34.2	MJ
11-23-11 15:29	265.97	0.02	28	163	68.5	34.1	MJ


Comments: _____

NOTE: A copy of this page should be used for each filter bag. The Test Coordinator should sign this document when the corresponding filter has been fully processed per the instructions in Appendix 2 – Filter Bag Processing Checklist.

Test Coordinator JEFF POSKA  Date 11/23/11
 Print Signature

BWROG Report – GEH Class I

	BWROG ECCS Strainer Bypass Test Report	
	Document No: BWROG-ECCS-TA13-004	Revision: 1
		Page: M-122 of M-219

	Filter Bag Preparation and Processing Procedure	
	Document No: ALION-SPP-LAB-2352-70	Revision: 1
		Page: B1 of B1

ATTACHMENT B – FILTER PROCESSING LOG


Date: 11-22-11 Test Number: C4
 Filter ID: C405 Balance ID: 96-04


Date & Time	Filter Weight (g)	Weight Difference (g)	Total Drying Time (hours)	Oven Temp. (°F)	Room Temp. (°F)	Room Humid. (%)	Initials
11-22-11 11:17	N/A	N/A	0	206	67.4	36.8	MS
11-23-11 11:25	180.23	N/A	24	175	67.7	32.0	MS
11-23-11 13:27	180.25	0.02	26	170	67.8	34.8	MS
11-23-11 15:31	180.32	0.07	28	163	68.6	34.4	MS

Comments: _____

NOTE: A copy of this page should be used for each filter bag. The Test Coordinator should sign this document when the corresponding filter has been fully processed per the instructions in Appendix 2 – Filter Bag Processing Checklist.

Test Coordinator JEFF POSKA  Date 11/23/11
 Print Signature

	BWROG ECCS Strainer Bypass Test Report	
	Document No: BWROG-ECCS-TA13-004	Revision: I

	Filter Bag Preparation and Processing Procedure		
	Document No: ALION-SPP-LAB-2352-70	Revision: I	Page: B1 of B1

ATTACHMENT B – FILTER PROCESSING LOG


Date: 11-22-11 Test Number: C4
 Filter ID: C406 Balance ID: 5C-04


Date & Time	Filter Weight (g)	Weight Difference (g)	Total Drying Time (hours)	Oven Temp. (°F)	Room Temp. (°F)	Room Humid. (%)	Initials
11/22/11 11:19	N/A	N/A	0	206	67.4	35.9	MS
11-23-11 11:26	185.16	N/A	24	175	67.9	32.1	MS
11/23/11 13:28	185.19	0.03	26	170	67.8	35.0	MS
11-23-11 15:32	185.16	0.03	28	163	68.5	34.4	MS

Comments: _____

NOTE: A copy of this page should be used for each filter bag. The Test Coordinator should sign this document when the corresponding filter has been fully processed per the instructions in Appendix 2 – Filter Bag Processing Checklist.

Test Coordinator JEFF POSKA  Date 11/23/11
 Print Signature

	BWROG ECCS Strainer Bypass Test Report		
	Document No: BWROG-ECCS-TA13-004	Revision: 1	Page: M-124 of M-219

	Filter Bag Preparation and Processing Procedure		
	Document No: ALION-SPP-LAB-2352-70	Revision: 1	Page: B1 of B1


ATTACHMENT B – FILTER PROCESSING LOG

Date: 11-22-11 Test Number: C4
 Filter ID: L407 Balance ID: SC-04


Date & Time	Filter Weight (g)	Weight Difference (g)	Total Drying Time (hours)	Oven Temp. (°F)	Room Temp. (°F)	Room Humid. (%)	Initials
11-22-11 11:20	N/A	N/A	0	206	67.4	35.4	MS
11-22-11 11:27	185.27	N/A	24	175	67.8	32.0	MS
11/22/11 13:29	185.20	0.07	26	170	68.0	35.3	MS
11-23-11 13:33	185.26	0.06	28	163	68.4	34.2	MS


Comments: _____

NOTE: A copy of this page should be used for each filter bag. The Test Coordinator should sign this document when the corresponding filter has been fully processed per the instructions in Appendix 2 – Filter Bag Processing Checklist.

Test Coordinator JEFF POSKA  Date 11/22/11
 Print Signature

BWROG Report – GEH Class I

	BWROG ECCS Strainer Bypass Test Report		
	Document No: BWROG-ECCS-TA13-004	Revision: I	Page: M-125 of M-219

	Filter Bag Preparation and Processing Procedure		
	Document No: ALION-SPP-LAB-2352-70	Revision: I	Page: B1 of B1


ATTACHMENT B – FILTER PROCESSING LOG

Date: 11-22-11 Test Number: C4
 Filter ID: C408 Balance ID: 5C-04


Date & Time	Filter Weight (g)	Weight Difference (g)	Total Drying Time (hours)	Oven Temp. (°F)	Room Temp. (°F)	Room Humid. (%)	Initials
11-22-11 11:21	N/A	N/A	0	206	67.7	35.5	MJ
11-22-11 11:28	185.97	N/A	24	175	67.8	32.1	MJ
11/22/11 13:30	185.92	0.05	26	170	67.7	35.2	MJ
11-23-11 15:34	185.93	0.01	28	163	68.6	34.3	MJ


Comments: _____

NOTE: A copy of this page should be used for each filter bag. The Test Coordinator should sign this document when the corresponding filter has been fully processed per the instructions in Appendix 2 – Filter Bag Processing Checklist.

Test Coordinator JEFF POSKA  Date 11/22/11
Print Signature


BWROG Report – GEH Class I

	BWROG ECCS Strainer Bypass Test Report		
	Document No: BWROG-ECCS-TA13-004	Revision: I	Page: M-126 of M-219

	Filter Bag Preparation and Processing Procedure		
	Document No: ALION-SPP-LAB-2352-70	Revision: I	Page: B1 of B1

ATTACHMENT B - FILTER PROCESSING LOG

Date: 11/23/11 Test Number: C3
 Filter ID: C503 Balance ID: 56-04


Date & Time	Filter Weight (g)	Weight Difference (g)	Total Drying Time (hours)	Oven Temp. (°F)	Room Temp. (°F)	Room Humid. (%)	Initials
11/25/11 02:00	N/A	N/A	0	216	68.9	38.5	
11-28-11 09:28	187.71	N/A	79	185	69	28	SSM
11-28-11 11:40	187.72	0.01	82	175	70	31	SSM
11-28-11 14:02	187.67	0.05	84	186	70	31	SSM


Comments: _____

NOTE: A copy of this page should be used for each filter bag. The Test Coordinator should sign this document when the corresponding filter has been fully processed per the instructions in Appendix 2 – Filter Bag Processing Checklist.

Test Coordinator JEFF POSKA  Date 11/28/11
Print Signature

BWROG Report – GEH Class I

	BWROG ECCS Strainer Bypass Test Report		
	Document No: BWROG-ECCS-TA13-004	Revision: I	Page: M-127 of M-219

	Filter Bag Preparation and Processing Procedure		
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ATTACHMENT B – FILTER PROCESSING LOG

Date: 11/28/11 Test Number: 65
 Filter ID: LS06 Balance ID: SC-04


Date & Time	Filter Weight (g)	Weight Difference (g)	Total Drying Time (hours)	Oven Temp. (°F)	Room Temp. (°F)	Room Humid. (%)	Initials
11/25/11 02:00	N/A	N/A	0	216	68.9	38.8	<i>[Signature]</i>
11-28-11 09:30	190.10	N/A	80	185	69	28	SSM
11-28-11 11:41	190.10	0.00	82	175	70	31	SSM
11-28-11 14:03	190.15	0.05	84	186	70	31	SSM


Comments: _____

NOTE: A copy of this page should be used for each filter bag. The Test Coordinator should sign this document when the corresponding filter has been fully processed per the instructions in Appendix 2 – Filter Bag Processing Checklist.

Test Coordinator JEFF POSKA  Date 11/28/11
 Print Signature

BWROG Report – GEH Class I

	BWROG ECCS Strainer Bypass Test Report		
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	Filter Bag Preparation and Processing Procedure		
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ATTACHMENT B - FILTER PROCESSING LOG

Date: 11/25/11 Test Number: C5
 Filter ID: C507 Balance ID: 5004


Date & Time	Filter Weight (g)	Weight Difference (g)	Total Drying Time (hours)	Oven Temp. (°F)	Room Temp. (°F)	Room Humid. (%)	Initials
11/25/11 04:57	N/A	N/A	0	216	68.9	39.7	<i>[Signature]</i>
11-28-11 08:32	277.58	N/A	80	185	69	28	SSM
11-28-11 11:42	277.64	0.06	82	175	70	31	SSM
11-28-11 14:04	277.62	0.02	84	186	70	31	SSM


Comments: _____

NOTE: A copy of this page should be used for each filter bag. The Test Coordinator should sign this document when the corresponding filter has been fully processed per the instructions in Appendix 2 – Filter Bag Processing Checklist.

Test Coordinator JEFF POSKA  Date 11/28/11
 Print Signature

BWROG Report – GEH Class I

	BWROG ECCS Strainer Bypass Test Report		
	Document No: BWROG-ECCS-TA13-004	Revision: 1	Page: M-129 of M-219

	Filter Bag Preparation and Processing Procedure		
	Document No: ALION-SPP-LAB-2352-70	Revision: 1	Page: B1 of B1

ATTACHMENT B – FILTER PROCESSING LOG


Date: 11/25/11 Test Number: C5
 Filter ID: C508 Balance ID: SC-09


Date & Time	Filter Weight (g)	Weight Difference (g)	Total Drying Time (hours)	Oven Temp. (°F)	Room Temp. (°F)	Room Humid. (%)	Initials
11/25/11 08:51	N/A	N/A	0	216	68.9	40	<i>SSM</i>
11-28-11 09:34	289.77	N/A	80	185	69	28	SSM
11-28-11 11:44	289.80	0.03	82	175	70	31	SSM
11-28-11 14:06	289.82	0.02	84	186	70	31	SSM

Comments: _____

NOTE: A copy of this page should be used for each filter bag. The Test Coordinator should sign this document when the corresponding filter has been fully processed per the instructions in Appendix 2 – Filter Bag Processing Checklist.

Test Coordinator JEFF POSKA  Date 11/28/11
Print Signature

	BWROG ECCS Strainer Bypass Test Report		
	Document No: BWROG-ECCS-TA13-004	Revision: 1	Page: M-130 of M-219

	Filter Bag Preparation and Processing Procedure		
	Document No: ALION-SFP-LAB-2352-70	Revision: 1	Page: B1 of B1

ATTACHMENT B – FILTER PROCESSING LOG


Date: 12-9-11 Test Number: 01
 Filter ID: 001 Balance ID: SC09


Date & Time	Filter Weight (g)	Weight Difference (g)	Total Drying Time (hours)	Oven Temp. (°F)	Room Temp. (°F)	Room Humid. (%)	Initials
12-9-11 15:25	N/A	N/A	0	183	71	17	SSM
12-11-11 08:44	195.40	N/A	41	202	71	14	SSM
12-11-11 10:50	195.36	0.04	43	177	72	16	SSM
12-11-11 13:39	195.25	0.01	46	206	70	21	SSM

Comments: _____

NOTE: A copy of this page should be used for each filter bag. The Test Coordinator should sign this document when the corresponding filter has been fully processed per the instructions in Appendix 2 – Filter Bag Processing Checklist.

Test Coordinator JEFF POSKA  Date 12-11-11
 Print Signature

	BWROG ECCS Strainer Bypass Test Report		
	Document No: BWROG-ECCS-TA13-004	Revision: I	Page: M-131 of M-219

	Filter Bag Preparation and Processing Procedure		
	Document No: ALION-SPP-LAB-2352-70	Revision: I	Page: B1 of B1

ATTACHMENT B – FILTER PROCESSING LOG


Date: 12-9-11 Test Number: 01
 Filter ID: 002 Balance ID: _____


Date & Time	Filter Weight (g)	Weight Difference (g)	Total Drying Time (hours)	Oven Temp. (°F)	Room Temp. (°F)	Room Humid. (%)	Initials
12-9-11 15:25	N/A	N/A	0	183	71	17	SSM
12-11-11 08:45	188.20	N/A	41	202	71	14	SSM
12-11-11 10:51	188.23	0.03	43	177	72	16	SSM
12-11-11 13:36	188.18	0.05	46	206	70	21	SSM

Comments: _____

NOTE: A copy of this page should be used for each filter bag. The Test Coordinator should sign this document when the corresponding filter has been fully processed per the instructions in Appendix 2 – Filter Bag Processing Checklist.

Test Coordinator JEFF POSKA  Date 12-11-11
Print Signature

	BWROG ECCS Strainer Bypass Test Report		
	Document No: BWROG-ECCS-TA13-004	Revision: I	Page: M-132 of M-219

	Filter Bag Preparation and Processing Procedure		
	Document No: ALION-SPP-LAB-2352-70	Revision: I	Page: B1 of B1

ATTACHMENT B – FILTER PROCESSING LOG

Date: 12-9-11 Test Number: 01
 Filter ID: D03 Balance ID: SC04


Date & Time	Filter Weight (g)	Weight Difference (g)	Total Drying Time (hours)	Oven Temp. (°F)	Room Temp. (°F)	Room Humid. (%)	Initials
12-9-11 15:25	N/A	N/A	0	183	71	17	SSM
10-11-11 08:47	218.35	N/A	41	203	71	14	SSM
12-11-11 10:53	218.36	0.01	43	177	72	16	SSM
10-11-11 13:37	218.87	0.01	46	206	70	21	SSM


Comments: _____

NOTE: A copy of this page should be used for each filter bag. The Test Coordinator should sign this document when the corresponding filter has been fully processed per the instructions in Appendix 2 – Filter Bag Processing Checklist.

Test Coordinator JEFF POSKA  Date 12-11-11
 Print Signature

BWROG Report – GEH Class I

	BWROG ECCS Strainer Bypass Test Report		
	Document No: BWROG-ECCS-TA13-004	Revision: 1	Page: M-133 of M-219

	Filter Bag Preparation and Processing Procedure		
	Document No: ALION-SPP-LAB-2352-70	Revision: 1	Page: B1 of B1

ATTACHMENT B – FILTER PROCESSING LOG

Date: 12-9-11 Test Number: D1
 Filter ID: 009 Balance ID: SC-04


Date & Time	Filter Weight (g)	Weight Difference (g)	Total Drying Time (hours)	Oven Temp. (°F)	Room Temp. (°F)	Room Humid. (%)	Initials
12-9-11 15:25	N/A	N/A	0	183	71	17	SSM
12-11-11 08:49	218.90	N/A	41	200	71	14	SSM
12-11-11 10:54	218.96	0.046	43	177	72	16	SSM
12-11-11 13:39	218.91	0.05	46	206	70	21	SSM


Comments: _____

NOTE: A copy of this page should be used for each filter bag. The Test Coordinator should sign this document when the corresponding filter has been fully processed per the instructions in Appendix 2 – Filter Bag Processing Checklist.

Test Coordinator JEFF POSKA  Date 12-11-11
 Print Signature

BWROG Report – GEH Class I

	BWROG ECCS Strainer Bypass Test Report		
	Document No: BWROG-ECCS-TA13-004	Revision: I	Page: M-134 of M-219

	Filter Bag Preparation and Processing Procedure		
	Document No: ALION-SPP-LAB-2352-70	Revision: I	Page: B1 of B1

ATTACHMENT B - FILTER PROCESSING LOG


Date: 12-9-11 Test Number: D1
 Filter ID: D05 Balance ID: SC-04


Date & Time	Filter Weight (g)	Weight Difference (g)	Total Drying Time (hours)	Oven Temp. (°F)	Room Temp. (°F)	Room Humid. (%)	Initials
12-9-11 15:25	N/A	N/A	0	183	71	17	SSM
12-11-11 08:50	188.73	N/A	41	200	71	14	SSM
12-11-11 10:55	188.76	0.03	44	177	72	16	SSM
12-11-11 13:41	188.77	0.01	46	206	70	21	SSM

Comments: _____

NOTE: A copy of this page should be used for each filter bag. The Test Coordinator should sign this document when the corresponding filter has been fully processed per the instructions in Appendix 2 – Filter Bag Processing Checklist.

Test Coordinator JEFF POSKA  Date 12-11-11
 Print Signature

	BWROG ECCS Strainer Bypass Test Report		
	Document No: BWROG-ECCS-TA13-004	Revision: 1	Page: M-135 of M-219

	Filter Bag Preparation and Processing Procedure		
	Document No: ALION-SPP-LAB-2352-70	Revision: 1	Page: 81 of 81

ATTACHMENT B – FILTER PROCESSING LOG


Date: 12-9-11 Test Number: 01
 Filter ID: D06 Balance ID: SC-04


Date & Time	Filter Weight (g)	Weight Difference (g)	Total Drying Time (hours)	Oven Temp. (°F)	Room Temp. (°F)	Room Humid. (%)	Initials
12-9-11 15:25	N/A	N/A	0	183	71	17	SSM
12-10-11 08:52	185.18	N/A	41	202	71	14	SSM
12-11-11 10:59	185.19	0.01	44	177	72	16	SSM
12-11-11 18:43	185.14	0.05	46	206	70	21	SSM

Comments: _____

NOTE: A copy of this page should be used for each filter bag. The Test Coordinator should sign this document when the corresponding filter has been fully processed per the instructions in Appendix 2 – Filter Bag Processing Checklist.

Test Coordinator JEFF POSKA  Date 12-11-11
 Print Signature

	BWROG ECCS Strainer Bypass Test Report		
	Document No: BWROG-ECCS-TA13-004	Revision: I	Page: M-136 of M-219

	Filter Bag Preparation and Processing Procedure		
	Document No: ALION-SPP-LAB-2352-70	Revision: I	Page: 81 of 81

ATTACHMENT B – FILTER PROCESSING LOG

Date: 12-9-11 Test Number: 01
 Filter ID: D07 Balance ID: SC-04


Date & Time	Filter Weight (g)	Weight Difference (g)	Total Drying Time (hours)	Oven Temp. (°F)	Room Temp. (°F)	Room Humid. (%)	Initials
12-9-11 15:25	N/A	N/A	0	183	71	17	SSM
12-11-11 08:59	191.68	N/A	41	202	71	14	S6M
12-11-11 11:00	191.74	0.06	44	177	72	16	SSM
12-11-11 13:44	191.70	0.04	46	206	70	21	SSM


Comments: _____

NOTE: A copy of this page should be used for each filter bag. The Test Coordinator should sign this document when the corresponding filter has been fully processed per the instructions in Appendix 2 – Filter Bag Processing Checklist.

Test Coordinator JEFF POSKA  Date 12-11-11
 Print Signature

BWROG Report – GEH Class I

	BWROG ECCS Strainer Bypass Test Report		
	Document No: BWROG-ECCS-TA13-004	Revision: I	Page: M-137 of M-219

	Filter Bag Preparation and Processing Procedure		
	Document No: ALION-SPP-LAB-2352-70	Revision: I	Page: B1 of B1

ATTACHMENT B – FILTER PROCESSING LOG


Date: 12-9-11 Test Number: DT1 ^{SSM 12-9-11}
 Filter ID: D08 Balance ID: SC04


Date & Time	Filter Weight (g)	Weight Difference (g)	Total Drying Time (hours)	Oven Temp. (°F)	Room Temp. (°F)	Room Humid. (%)	Initials
12-9-11 15:25	N/A	N/A	0	183	71	17	SSM
		N/A		212	70	18	SSM ^{SSM}
12-11-11 08:55	186.09	N/A	42	202	71	14	SSA
12-11-11 11:02	186.17	0.08	44	177	72	16	SSM
12-11-11 13:46	186.14	0.03	46	206	70	21	SSM

Comments: _____

NOTE: A copy of this page should be used for each filter bag. The Test Coordinator should sign this document when the corresponding filter has been fully processed per the instructions in Appendix 2 – Filter Bag Processing Checklist.

Test Coordinator JEFF POSKA  Date 12-11-11
 Print Signature

	BWROG ECCS Strainer Bypass Test Report		
	Document No: BWROG-ECCS-TA13-004	Revision: I	Page: M-138 of M-219

	Filter Bag Preparation and Processing Procedure		
	Document No: ALION-SPP-LAB-2352-70	Revision: I	Page: B1 of B1

ATTACHMENT B – FILTER PROCESSING LOG

Date: 12-9-11 Test Number: D1
 Filter ID: 009 Balance ID: SC-04


Date & Time	Filter Weight (g)	Weight Difference (g)	Total Drying Time (hours)	Oven Temp. (°F)	Room Temp. (°F)	Room Humid. (%)	Initials
12-9-11 15:30	N/A	N/A	0	212	71	17	SSM
12-11-11 09:01	185.58	N/A	42	186	72	13	SSM
12-11-11 11:05	185.55	0.03	44	182	72	16	SSM
12-11-11 13:49	185.60	0.05	46	183	70	20	SSM


Comments: _____

NOTE: A copy of this page should be used for each filter bag. The Test Coordinator should sign this document when the corresponding filter has been fully processed per the instructions in Appendix 2 – Filter Bag Processing Checklist.

Test Coordinator JEFF POSKA  Date 12-11-11
 Print Signature

BWROG Report – GEH Class I

	BWROG ECCS Strainer Bypass Test Report		
	Document No: BWROG-ECCS-TA13-004	Revision: I	Page: M-139 of M-219

	Filter Bag Preparation and Processing Procedure		
	Document No: ALION-SPP-LAB-2352-70	Revision: I	Page: B1 of B1


ATTACHMENT B – FILTER PROCESSING LOG

Date: 12-9-11 Test Number: 01
 Filter ID: D10 Balance ID: SC-04


Date & Time	Filter Weight (g)	Weight Difference (g)	Total Drying Time (hours)	Oven Temp. (°F)	Room Temp. (°F)	Room Humid. (%)	Initials
12-9-11 15:20	N/A	N/A	0	212	71	17	SSM
12-11-11 09:03	186.85	N/A	42	186	72	13	SSM
12-11-11 11:07	186.86	0.01	44	183	72	16	SSM
12-11-11 13:50	186.85	0.01	46	183	70	20	SSM


Comments: _____

NOTE: A copy of this page should be used for each filter bag. The Test Coordinator should sign this document when the corresponding filter has been fully processed per the instructions in Appendix 2 – Filter Bag Processing Checklist.

Test Coordinator: JEFF PORSKA  Date: 12-11-11
 Print Signature

BWROG Report – GEH Class I

	BWROG ECCS Strainer Bypass Test Report		
	Document No: BWROG-ECCS-TA13-004	Revision: I	Page: M-140 of M-219

	Filter Bag Preparation and Processing Procedure		
	Document No: ALION-SPP-LAB-2352-70	Revision: I	Page: B1 of B1

ATTACHMENT B – FILTER PROCESSING LOG

Date: 12-9-11 Test Number: 01
 Filter ID: 011 Balance ID: SC-04


Date & Time	Filter Weight (g)	Weight Difference (g)	Total Drying Time (hours)	Oven Temp. (°F)	Room Temp. (°F)	Room Humid. (%)	Initials
12-9-11 15:30	N/A	N/A	0	212	71	17	SSM
12-11-11 09:05	188.79	N/A	42	186	72	13	SSM
12-11-11 11:08	188.75	0.04	44	182	72	16	SSM
12-11-11 13:52	188.71	0.04	46	183	70	20	SSM


Comments: _____

NOTE: A copy of this page should be used for each filter bag. The Test Coordinator should sign this document when the corresponding filter has been fully processed per the instructions in Appendix 2 – Filter Bag Processing Checklist.

Test Coordinator JEFF POSKA  Date 12-11-11
Print Signature

BWROG Report – GEH Class I

	BWROG ECCS Strainer Bypass Test Report		
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	Filter Bag Preparation and Processing Procedure		
	Document No: ALION-SPP-LAB-2352-70	Revision: 1	Page: 81 of 81

ATTACHMENT B – FILTER PROCESSING LOG


Date: 12-9-11 Test Number: D1
 Filter ID: P12 Balance ID: SC-04


Date & Time	Filter Weight (g)	Weight Difference (g)	Total Drying Time (hours)	Oven Temp. (°F)	Room Temp. (°F)	Room Humid. (%)	Initials
12-9-11 15:30	N/A	N/A	0	212	71	17	SSM
12-11-11 09:06	181.89	N/A	42	186	72	13	SSM
12-11-11 11:10	181.91	0.02	44	182	72	16	SSM
12-11-11 13:53	181.87	0.04	46	183	70	20	SSM

Comments: _____

NOTE: A copy of this page should be used for each filter bag. The Test Coordinator should sign this document when the corresponding filter has been fully processed per the instructions in Appendix 2 – Filter Bag Processing Checklist.

Test Coordinator JEFF POSKA  Date 12-11-11
 Print Signature

	BWROG ECCS Strainer Bypass Test Report		
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	Filter Bag Preparation and Processing Procedure		
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ATTACHMENT B - FILTER PROCESSING LOG

Date: 12-9-11 Test Number: 01
 Filter ID: 013 Balance ID: BC-04


Date & Time	Filter Weight (g)	Weight Difference (g)	Total Drying Time (hours)	Oven Temp. (°F)	Room Temp. (°F)	Room Humid. (%)	Initials
12-9-11 15:30	N/A	N/A	0	212	71	17	SSM
12-11-11 09:07	182.59	N/A	42	186	72	13	SSM
12-11-11 11:11	182.57	0.02	44	182	72	16	SSM
12-11-11 13:55	182.55	0.02	46	183	70	20	SSM


Comments: _____

NOTE: A copy of this page should be used for each filter bag. The Test Coordinator should sign this document when the corresponding filter has been fully processed per the instructions in Appendix 2 – Filter Bag Processing Checklist.

Test Coordinator JEFF PUSKA  Date 12-11-11
 Print Signature

BWROG Report – GEH Class I

	BWROG ECCS Strainer Bypass Test Report		
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ATTACHMENT B – FILTER PROCESSING LOG

Date: 12-9-11 Test Number: 01
 Filter ID: D14 Balance ID: SC-04

Date & Time	Filter Weight (g)	Weight Difference (g)	Total Drying Time (hours)	Oven Temp. (°F)	Room Temp. (°F)	Room Humid. (%)	Initials
12-9-11 15:30	N/A	N/A	0	212	71	17	SSM
12-11-11 09:09	184.14	N/A	42	186	72	13	SSM
12-11-11 11:13	184.13	0.01	44	182	72	16	SSM
12-11-11 13:56	184.14	0.01	46	183	70	20	SSM


Comments: _____


NOTE: A copy of this page should be used for each filter bag. The Test Coordinator should sign this document when the corresponding filter has been fully processed per the instructions in Appendix 2 – Filter Bag Processing Checklist.

Test Coordinator JEFF PUSKA  Date 12-11-11

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BWROG Report – GEH Class I

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ATTACHMENT B – FILTER PROCESSING LOG

Date: 12/15/11 Test Number: 02
 Filter ID: D15 Balance ID: SC-04


Date & Time	Filter Weight (g)	Weight Difference (g)	Total Drying Time (hours)	Oven Temp. (°F)	Room Temp. (°F)	Room Humid. (%)	Initial
12/15/11 9:26	N/A	N/A	0	197.6	69.1	41.8	N3
12-16-11 09:42	187.90	N/A	24	192	73	19	SSM
12-16-11 13:46	187.91	0.01	28	190	72	20	SSM
12-16-11 15:48	187.85	0.06	30	209	70	22	SSM


Comments: _____

NOTE: A copy of this page should be used for each filter bag. The Test Coordinator should sign this document when the corresponding filter has been fully processed per the instructions in Appendix 2 – Filter Bag Processing Checklist.

Test Coordinator JEFF POSKA  Date 12-11-11
 Print Signature

BWROG Report – GEH Class I

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ATTACHMENT B – FILTER PROCESSING LOG

Date: 12/15/11 Test Number: 02
 Filter ID: D16 Balance ID: SC-04

Date & Time	Filter Weight (g)	Weight Difference (g)	Total Drying Time (hours)	Oven Temp. (°F)	Room Temp. (°F)	Room Humid. (%)	Initials
12/15/11 9:26	N/A	N/A	0	197.6	69.1	41.8	MS
12/16/11 09:43	182.53	N/A	24	192	73	19	SSM
12/16/11 18:47	182.51	0.01	28	170	72	20	SSM
12/16/11 15:49	184.45	0.06	30	208	70	22	SSM


Comments: _____


NOTE: A copy of this page should be used for each filter bag. The Test Coordinator should sign this document when the corresponding filter has been fully processed per the instructions in Appendix 2 – Filter Bag Processing Checklist.

Test Coordinator JEFF POSKA Date 12/14/11

 Print Signature

BWROG Report – GEH Class I

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ATTACHMENT B – FILTER PROCESSING LOG

Date: 12/15/11 Test Number: 02
 Filter ID: 017 Balance ID: SC-01


Date & Time	Filter Weight (g)	Weight Difference (g)	Total Drying Time (hours)	Oven Temp. (°F)	Room Temp. (°F)	Room Humid. (%)	Initials
12/15/11 9:26	N/A	N/A	0	197.6	69.1	41.8	MS
12-16-11 08:45	293.01	N/A	24	192	73	19	SSM
12-16-11 13:49	291.97	0.03	28	170	72	20	SSM
12-16-11 15:50	291.94	0.03	30	208	70	22	SSM


Comments: _____

NOTE: A copy of this page should be used for each filter bag. The Test Coordinator should sign this document when the corresponding filter has been fully processed per the instructions in Appendix 2 – Filter Bag Processing Checklist.

Test Coordinator JEFF POSKA  Date 12/16/11
 Print Signature

BWROG Report – GEH Class I

	BWROG ECCS Strainer Bypass Test Report		
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ATTACHMENT B – FILTER PROCESSING LOG

Date: 12/15/11 Test Number: 02
 Filter ID: 018 Balance ID: 1C-04


Date & Time	Filter Weight (g)	Weight Difference (g)	Total Drying Time (hours)	Oven Temp. (°F)	Room Temp. (°F)	Room Humid. (%)	Initials
12/15/11 9:26	N/A	N/A	0	197.6	69.1	41.8	MS
12/16/11 09:47	317.02	N/A	29	192	73	19	SSM
12/16/11 18:51	317.04	0.02	28	170	72	20	SSM
12/16/11 15:51	319.96	0.08	30	208	70	22	SSM


Comments: _____

NOTE: A copy of this page should be used for each filter bag. The Test Coordinator should sign this document when the corresponding filter has been fully processed per the instructions in Appendix 2 – Filter Bag Processing Checklist.

Test Coordinator JEFF POSKA  Date 12/16/11
 Print Signature

BWROG Report – GEH Class I

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ATTACHMENT B – FILTER PROCESSING LOG

Date: 12/15/11 Test Number: 02
 Filter ID: 019 Balance ID: SC-04


Date & Time	Filter Weight (g)	Weight Difference (g)	Total Drying Time (hours)	Oven Temp. (°F)	Room Temp. (°F)	Room Humid. (%)	Initials
12/15/11 9:26	N/A	N/A	0	197.6	69.1	41.5	MS
12-16-11 08:48	204.64	N/A	24	172	73	19	SSM
12-16-11 13:52	204.70	0.06	28	170	72	20	SSM
12-16-11 18:53	204.65	0.05	30	208	70	22	SSM


Comments: _____

NOTE: A copy of this page should be used for each filter bag. The Test Coordinator should sign this document when the corresponding filter has been fully processed per the instructions in Appendix 2 – Filter Bag Processing Checklist.

Test Coordinator JEFF POSKA  Date 12/16/11
 Print Signature

BWROG Report – GEH Class I

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ATTACHMENT B - FILTER PROCESSING LOG


Date: 12/15/11 Test Number: 02
 Filter ID: 020 Balance ID: 50-04


Date & Time	Filter Weight (g)	Weight Difference (g)	Total Drying Time (hours)	Oven Temp. (°F)	Room Temp. (°F)	Room Humid. (%)	Initial
12/15/11 9:26	N/A	N/A	0	197.6	69.1	41.8	M3
12-16-11 09:00	196.91	N/A	24	192	73	19	SSM
12-16-11 13:53	196.94	0.03	28	170	72	20	SSM
12-16-11 15:54	196.90	0.09	30	208	70	22	SSM

Comments: _____

NOTE: A copy of this page should be used for each filter bag. The Test Coordinator should sign this document when the corresponding filter has been fully processed per the instructions in Appendix 2 – Filter Bag Processing Checklist.

Test Coordinator JEFF POSKA  Date 12-16-11
 Print Signature

	BWROG ECCS Strainer Bypass Test Report		
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ATTACHMENT B – FILTER PROCESSING LOG

Date: 12/15/11 Test Number: 02
 Filter ID: D21 Balance ID: SC-04


Date & Time	Filter Weight (g)	Weight Difference (g)	Total Drying Time (hours)	Oven Temp. (°F)	Room Temp. (°F)	Room Humid. (%)	Initials
12/15/11 9:26	N/A	N/A	0	197.6	69.1	41.8	MJ
12/16/11 09:52	194.10	N/A	24	192	73	19	SSM
12/16/11 13:54	194.14	0.04	28	170	72	20	SSM
12/16/11 15:55	194.09	0.05	30	208	70	22	SSM


Comments: _____

NOTE: A copy of this page should be used for each filter bag. The Test Coordinator should sign this document when the corresponding filter has been fully processed per the instructions in Appendix 2 – Filter Bag Processing Checklist.

Test Coordinator JEFF POSKA  Date 12-16-11
 Print Signature

BWROG Report – GEH Class I

	BWROG ECCS Strainer Bypass Test Report		
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ATTACHMENT B - FILTER PROCESSING LOG


Date: 12/15/11 Test Number: 02
 Filter ID: D22 Balance ID: SC-04


Date & Time	Filter Weight (g)	Weight Difference (g)	Total Drying Time (hours)	Oven Temp. (°F)	Room Temp. (°F)	Room Humid. (%)	Initials
12/15/11 9:26	N/A	N/A	0	192.6	69.1	41.8	MJ
12-16-11 09:53	192.24	N/A	24	192	73	19	SSM
12-16-11 12:55	192.23	0.01	28	170	72	20	SSM
12-16-11 15:59	192.18	0.05	30	200	70	22	SSM

Comments: _____

NOTE: A copy of this page should be used for each filter bag. The Test Coordinator should sign this document when the corresponding filter has been fully processed per the instructions in Appendix 2 – Filter Bag Processing Checklist.

Test Coordinator JEFF POSKA  Date 12-16-11
 Print Signature

	BWROG ECCS Strainer Bypass Test Report		
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ATTACHMENT B – FILTER PROCESSING LOG

Date: 12/15/11 Test Number: 02
 Filter ID: D23 Balance ID: SC-04


Date & Time	Filter Weight (g)	Weight Difference (g)	Total Drying Time (hours)	Oven Temp. (°F)	Room Temp. (°F)	Room Humid. (%)	Initials
12/12/11 9:32	N/A	N/A	0	193.2	69.1	41.6	MS
12/16/11 09:59	175.95	N/A	24	188	73	19	SSM
12/16/11 13:58	175.93	0.02	28	186	72	20	SSM
12/16/11 15:59	175.90	0.03	30	167	70	22	SSM


Comments: _____

NOTE: A copy of this page should be used for each filter bag. The Test Coordinator should sign this document when the corresponding filter has been fully processed per the instructions in Appendix 2 – Filter Bag Processing Checklist.

Test Coordinator JEFF POSKA  Date 12-16-11
 Print Signature

BWROG Report – GEH Class I

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ATTACHMENT B - FILTER PROCESSING LOG

Date: 12/13/11 Test Number: 02
 Filter ID: 024 Balance ID: 30-04


Date & Time	Filter Weight (g)	Weight Difference (g)	Total Drying Time (hours)	Oven Temp. (°F)	Room Temp. (°F)	Room Humid. (%)	Initials
12/13/11 9:32	N/A	N/A	0	183.2	69.1	41.6	MS
12/16/11 10:01	186.34	N/A	24	188	73	19	SSM
12-16-11 12:59	186.33	0.01	28	186	72	20	SSM
12-16-11 16:00	186.29	0.04	30	167	70	22	SSM


Comments: _____

NOTE: A copy of this page should be used for each filter bag. The Test Coordinator should sign this document when the corresponding filter has been fully processed per the instructions in Appendix 2 – Filter Bag Processing Checklist.

Test Coordinator JEFF POSKA  Date 12/14/11
 Print Signature

BWROG Report – GEH Class I

	BWROG ECCS Strainer Bypass Test Report		
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ATTACHMENT B – FILTER PROCESSING LOG

Date: 12/15/11 Test Number: 02
 Filter ID: 025 Balance ID: 56-04


Date & Time	Filter Weight (g)	Weight Difference (g)	Total Drying Time (hours)	Oven Temp. (°F)	Room Temp. (°F)	Room Humid. (%)	Initials
12/15/11 9:32	N/A	N/A	0	193.2	69.1	41.6	MS
12/16-11 10:02	195.45	N/A	24	188	73	19	SSM
12/16-11 14:01	195.48	0.03	28	186	72	20	SSM
12/16-11 16:01	195.46	0.02	30	167	70	22	SSM


Comments: _____

NOTE: A copy of this page should be used for each filter bag. The Test Coordinator should sign this document when the corresponding filter has been fully processed per the instructions in Appendix 2 – Filter Bag Processing Checklist.

Test Coordinator JEFF POSKA  Date 12/14/11
 Print Signature

BWROG Report – GEH Class I

	BWROG ECCS Strainer Bypass Test Report		
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ATTACHMENT B – FILTER PROCESSING LOG

Date: 12/15/11 Test Number: D2
 Filter ID: 026 Balance ID: SC-04


Date & Time	Filter Weight (g)	Weight Difference (g)	Total Drying Time (hours)	Oven Temp. (°F)	Room Temp. (°F)	Room Humid. (%)	Initials
12/15/11 9:32	N/A	N/A	0	193.2	69.1	41.6	MS
12-16-11 10:04	190.93	N/A	25	188	73	19	SSM
12-16-11 14:02	190.88	0.05	28	186	72	20	SSM
12-16-11 16:03	190.88	0.00	31	167	70	22	SSM


Comments: _____

NOTE: A copy of this page should be used for each filter bag. The Test Coordinator should sign this document when the corresponding filter has been fully processed per the instructions in Appendix 2 – Filter Bag Processing Checklist.

Test Coordinator JEFF POSKA  Date 12/16/11
 Print Signature

BWROG Report – GEH Class I

	BWROG ECCS Strainer Bypass Test Report		
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ATTACHMENT B – FILTER PROCESSING LOG

Date: 12/15/11 Test Number: 02
 Filter ID: 027 Balance ID: 50-04


Date & Time	Filter Weight (g)	Weight Difference (g)	Total Drying Time (hours)	Oven Temp. (°F)	Room Temp. (°F)	Room Humid. (%)	Initials
12/12/11 9:32	N/A	N/A	0	173.2	69.1	41.6	MS
12-16-11 10:06	194.36	N/A	25	188	73	19	SSM
12-16-11 14:04	194.33	0.03	29	168	72	20	SSM
12-16-11 16:04	194.35	0.02	31	167	70	22	SSM


Comments: _____

NOTE: A copy of this page should be used for each filter bag. The Test Coordinator should sign this document when the corresponding filter has been fully processed per the instructions in Appendix 2 – Filter Bag Processing Checklist.

Test Coordinator JEFF POSKA  Date 12/15/11
 Print Signature

BWROG Report – GEH Class I

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ATTACHMENT B - FILTER PROCESSING LOG

Date: 12/15/11 Test Number: 02
 Filter ID: 028 Balance ID: 36-04


Date & Time	Filter Weight (g)	Weight Difference (g)	Total Drying Time (hours)	Oven Temp. (°F)	Room Temp. (°F)	Room Humid. (%)	Initials
12/15/11 9:32	N/A	N/A	0	197.2	69.1	41.6	MS
12-16-11 10:07	186.11	N/A	25	188	73	19	SSM
12-16-11 14:05	186.13	0.02	29	186	72	20	SSM
12-16-11 16:06	186.11	0.02	31	167	70	22	SSM


Comments: _____

NOTE: A copy of this page should be used for each filter bag. The Test Coordinator should sign this document when the corresponding filter has been fully processed per the instructions in Appendix 2 – Filter Bag Processing Checklist.

Test Coordinator JEFF PUSKA  Date 12/16/11
 Print Signature

BWROG Report – GEH Class I

	BWROG ECCS Strainer Bypass Test Report		
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ATTACHMENT B – FILTER PROCESSING LOG

Date: 12-1-11 Test Number: 51
 Filter ID: F01 Balance ID: SC-04

Date & Time	Filter Weight (g)	Weight Difference (g)	Total Drying Time (hours)	Oven Temp. (°F)	Room Temp. (°F)	Room Humid. (%)	Initials
12-2-11 08:49	N/A	N/A	0	212	68	25	SSM
12-5-11 08:45	182.88	N/A	71	182	69	27	SSM
12-5-11 10:19	182.87	0.01	74	181	69	29	SSM
12-5-11 12:39	182.90	0.03	76	181	69	31	SSM


Comments: _____


NOTE: A copy of this page should be used for each filter bag. The Test Coordinator should sign this document when the corresponding filter has been fully processed per the instructions in Appendix 2 – Filter Bag Processing Checklist.

Test Coordinator JEFF POSKA  Date 12/5/11
 Print Signature

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BWROG Report – GEH Class I

	BWROG ECCS Strainer Bypass Test Report		
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ATTACHMENT B – FILTER PROCESSING LOG

Date: 12-2-11 Test Number: F1
 Filter ID: F02 Balance ID: SC-04

Date & Time	Filter Weight (g)	Weight Difference (g)	Total Drying Time (Hours)	Crust Temp. (°F)	Room Temp. (°F)	Room Humid. (%)	Initials
12-2-11 08:49	N/A	N/A	0	212	68	25	SSM
12-5-11 08:17	239.11	N/A	71	182	69	27	SSM
12-5-11 10:21	239.18	0.07	74	181	69	29	SSM
12-5-11 12:40	239.17	0.01	76	181	69	31	SSM


Comments: _____


NOTE: A copy of this page should be used for each filter bag. The Test Coordinator should sign this document when the corresponding filter has been fully processed per the instructions in Appendix 2 – Filter Bag Processing Checklist.

Test Coordinator JEFF POSKA  Date 12-5-11
 Print Signature

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BWROG Report – GEH Class I

	BWROG ECCS Strainer Bypass Test Report		
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ATTACHMENT B – FILTER PROCESSING LOG

Date: 12-2-11 Test Number: F1
 Filter ID: F03 Balance ID: SC-04

Date & Time	Filter Weight (g)	Weight Difference (g)	Total Drying Time (hours)	Oven Temp. (°F)	Room Temp. (°F)	Room Humid. (%)	Initials
12-2-11 08:49	N/A	N/A	0	212	68	25	SSM
12-5-11 08:19	184.96	N/A	72	182	69	27	SSM
12-5-11 10:23	185.00	0.04	74	181	69	29	SSM
12-5-11 12:42	185.02	0.02	76	181	69	31	SSM

Comments: _____

NOTE: A copy of this page should be used for each filter bag. The Test Coordinator should sign this document when the corresponding filter has been fully processed per the instructions in Appendix 2 – Filter Bag Processing Checklist.

Test Coordinator JEFF POSKA  Date 12/5/11
 Print Signature