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Purpose		ID Number (include revision, volume, etc.)	
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Title DEPARTMENT OF HEALTH - PRIOR TO INSPECTION FOR REVIEW (CINDY GRANT) 6-3-93	Unclassified Category UC-	Impact Level
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New or novel (patentable) subject matter? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes If "Yes", has disclosure been submitted by WHC or other company? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes Disclosure No(s).	Information received from others in confidence, such as proprietary data, trade secrets, and/or inventions? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (Identify)
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Title of Conference or Meeting N/A	Group or Society Sponsoring N/A
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Date(s) of Conference or Meeting N/A	City/State N/A	Will proceedings be published? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Will material be handed out? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
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Title of Journal N/A

CHECKLIST FOR SIGNATORIES

Review Required per WHC-CM-3-4	Yes	No	Reviewer - Signature	Indicates Approval
			Name (printed)	Signature
				Date
Classification/Unclassified Controlled Nuclear Information	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
Patent - General Counsel	<input type="checkbox"/>	<input checked="" type="checkbox"/>	J. H. AO	2/4/93
Legal - General Counsel	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
Applied Technology/Export Controlled Information or International Program	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
WHC Program/Project	<input checked="" type="checkbox"/>	<input type="checkbox"/>	B. R. Thompson	6/9/93
Communications	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
RL Program/Project	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Alex Teimouri	6/10/93
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Other Program/Project	<input type="checkbox"/>	<input checked="" type="checkbox"/>		

Information conforms to all applicable requirements. The above information is certified to be correct.

References Available to Intended Audience	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Transmit to DOE-HQ/Office of Scientific and Technical Information	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Author/Requestor (Printed/Signature)	Date
Steve Szendre	6/8/93
Intended Audience	
<input type="checkbox"/> Internal <input type="checkbox"/> Sponsor <input checked="" type="checkbox"/> External	
Responsible Manager (Printed/Signature)	Date
E.M. GREAGER	6/8/93

INFORMATION RELEASE ADMINISTRATION APPROVAL STAMP	
Stamp is required before release. Release is contingent upon resolution of mandatory comments.	
 	
Date Cancelled	Date Disapproved

Lead Author STEVE SZENDRE	Phone 6-7776	MSIN H6-30	Other Author(s) or Requestor		
Project or Program	Lead Org Code 88410		Sponsor Agency (DOE, DOT, NRC, USGS, etc.)		
Editor	Phone	MSIN	DOE/HQ Program (DP, EH, EM, NE, etc.)		
Mandatory Comments (Only mandatory comments are to be documented. All other comments should be made on a copy of the information submitted for review and returned to the author.)	Reviewer Name & Signature	Date	Resolution	Reviewer Name & Signature	Date

Legends/Notices/Markings (required per WHC-CM-3-4 or guidance organization.) (Reviewer initials)

	<u>Affix</u>			<u>Affix</u>	
	<u>Yes</u>	<u>No</u>		<u>Yes</u>	<u>No</u>
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Patent Status	[]	[]			

Responsible Manager (Printed/Signature) _____

Additional Information _____

**100, 300, AND 400 AREA EFFLUENT MONITORING
INSTRUMENTS AND CALIBRATION PROCEDURE LISTS**

**Westinghouse
Hanford Company**

**Internal
Memo**

From: Nondestructive Examination
Phone: 6-5518 L6-36
Date: May 3, 1993
Subject: RADIOACTIVE AIRBORNE EFFLUENT SAMPLING

To: J. K. Perry H6-20

cc: C. E. Dunbar L6-36
J. C. Krogness L6-36
File/LB

The following is the information you requested for the Washington Department of Health (WDOH) on the 306E building. We do not have any continuous air monitors. The information is for the radioactive airborne effluent sampling station located on the roof.

Sampler

Manufacturer: Gelman Instrument Company
Model: 2230

Pump

Manufacturer: Thomas
Model: 727CM39
Serial Number: 0000118-80D

Flowmeter

Manufacturer: Dwyer Rotometer
Model: Catalog Number RMA-9-TMV
Range: 0-150 SCFH

Calibration

Procedure Number: 1148
Date Sheet Number: 1148 AJ

F. H. Nunamaker
Facility Administrator

ced

DON'T SAY IT --- Write It!

DATE: 5-4-93

TO: JON PERRY

H6-20

FROM: JEFF FULCHER

L7-09

Telephone: 372-3941

cc: H,L. BENNY

L7-09

SUBJECT: WDOH's REQUEST FOR INFORMATION ON THE 377 STACK

TYPES OF EQUIPMENT USED IN THE EXHAUST STACK SAMPLING SYSTEM ARE AS FOLLOWS.

1- GELMAN MODEL # 1235 TEST MEDIA SAMPLING FILTER HOLDER

1- VESAPOR-3000 47MM 3UM PROD. 66387 TEST MEDIA SAMPLING FILTER

1- DWYER ROTO METER M#RMB-54-SSV CAL# 200-SCFH-#004

1- ASHCROFT GAUGE 30 IN.HG. VAC./ 30PSI

1- NASH VACUUM PUMP MODEL# AL-672 RPM 1750 TEST#81U3891 FA#09883

1 FLANDERS BAG-OUT HEPA FILTER SYSTEM. PRIMARY AND FINAL FILTERS.

CALIBRATION PROCEDURE #1148

REQUEST FOR PROCEDURE CHANGE P2-3U-92-0598 ISSUED FOR PROCEDURAL CHANGES TO PROCEDURE #1148.

IF FURTHER INFORMATION OR PRINT IS NEEDED PLEASE CONTACT JEFF FULCHER
L7-09 372-3941

THANK YOU,

JEFF

Stack	Calibration Procedure
308-GL-EX	WHC-CM-4-13, Section 7.3.1 Rev. 3 contains the procedures used to calibrate the sampling and monitoring systems for these stacks
308-ET-EX	
308-TRIGA	

308-ET-EX

E 6/7 ETCH SYSTEM
EBERLINE
ALPHA #3 AIR MONITOR
Dwyer LPM AIR FLOW METER
WHC S/N 258



E 6/7 ETCH

308-GL-EX

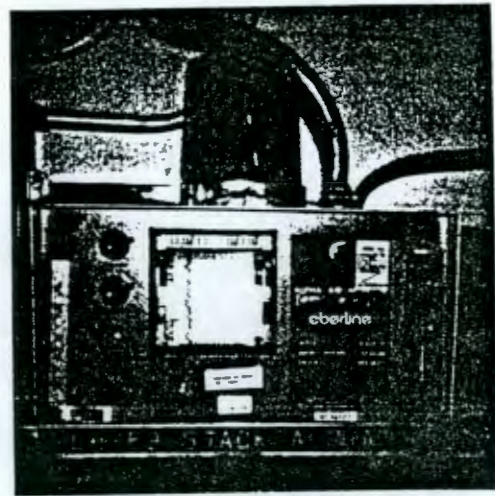
E 4/5 GLEX SYSTEM
EBERLINE
ALPHA #3 AIR MONITOR
Dwyer LPM AIR FLOW METER
WHC S/N 250



E 4/5 GLEX

308-TRIGA

E 8/9 TRIGA SYSTEM
EBERLINE
ALPHA #5A AIR ^{MONITOR} FLOW METER
Dwyer LPM AIR FLOW METER
WHC S-N 536



E 8/9 TRIGA

D. Powell
B.A. 4/28/93

340 Stack Sampling Equipment

INSTRUMENT	MANUFACTURER	PROCEDURES
Alpha CAM	Eberline	WHC-IP-0692 HP Manual Procedure #7.3.1 (source check). Calibration is done by PNL
NIM-BIN Beta-Iodine CAM	"Hanford Built"	WHC-IP-0692 HP Manual Procedure #7.3.3.4 (source check). Calibration is done by PNL
Rotameter	Dwyers	Calibration Procedure #1148
Vacuum Pumps (2)	Becker	Preventive Maintenance Procedure #985
	Busch	Preventive Maintenance Procedure #399
Filter Case	?	
Particulate Filters	Versapor 3000	
Carbon Cartridge (charcoal filter)	No specific vendor	
Isokinetic Sampler	Air Monitor Corp.	

Stack	Calibration Procedure
FFTF-CB-EX	EC-96-2, Section 5.2 contains the procedures used to calibrate the sampling and monitoring systems for these stacks
FFTF-RE-SB	
FFTF-HT-TR	
Stack	Calibration Procedure
437-MN&ST	ICP-XR-017 is the procedure which is used to calibrate the sampling and monitoring systems for this stack.

Location	Instrument	Procedures
100 N	Sample Pump	Preventive Maintenance SSP 50-003 SSP 50-008
	Rotameter	Calibration Procedure SSP 50-015
		Qtrly Flow Checks WHC-IP-0692 Sec. 5.2.6
100 K	Sample Pump & Rotameter	Preventive Maintenance and Calibration Procedures in development
		Qtrly Flow Checks WHC-IP-0692 Sec. 5.2.6