

*CLINTON POWER STATION
NUCLEAR SUPPORT DEPARTMENT/DOCUMENT CONTROL
Controlled Document Transmittal*

Transmittal No. 00ALS292 Transmittal Date 9/9/00 Sheet 1 of 1

Letter No. N/A Document Type CONTROLLED DOCUMENTS

REMOVE & DESTROY:

EPIP Status Report, dated 7/27/00

RA-11 R/6

INSERT:

Same; dated 8/29/00

RA-11 R/7

Please acknowledge receipt of the attached documents and return this signed transmittal to DOCUMENT CONTROL, V-150. NOTE: Retain a copy of this transmittal for updating instructions, as needed.

Any questions regarding this transmittal should be forwarded to A. Shaffer, extension 3566.

Signature/Date

A045

**CLINTON POWER STATION
NUCLEAR SUPPORT
Controlled Document Distribution List**

CPS EMERGENCY PLAN IMPLEMENTING PROCEDURES (EPIPS)

25.	SDC	V-130A	3.	BEOF	V-150
27.	RL	V-455	3A.	BEOF	V-150
56.	SDC/NRC OFFICE	V-130A	183.	JPIC	V-150
62.	RP OFFICE	T-31H	183A.	JPIC	V-150
64.	TSC	T-31B	183B.	JPIC	V-150
64A.	TSC	T-31B	493.	EOF	V-922
64B.	TSC	T-31B	493A.	EOF	V-922
68.	M. KACZOR	T-31Q	493B.	EOF	V-922
90.	MIKE KIEL	V-130G	493C.	EOF	V-922
110.	SUPV - CHEMISTRY	T-31C	493D.	EOF	V-922
113.	SUPERVISOR	V-995	493F.	EOF	V-922
	SECURITY		493G.	EOF	V-922
179.	OPS	T-31B	493H.	EOF	V-922
202.	NTD/SIMULATOR	V-922			
202C.	SIMULATOR	V-922			
255B.	DOSIMETRY OFFICE	T-31H			
262A.	MCR/HORSESHOE	T-31B	76.	D. V. PICKETT	OS
262C.	SHIFT SUPERVISOR	T-31B	222/222A.	C. SANGSTER	OS
262D.	REMOTE SHUTDOWN	T-31B	223.	U.S. NRC	OS
273.	TRAINING REQUAL	V-922		DOC. CONTROL DESK	OS
273A.	TRAINING REQUAL	V-922	225/225A.	IDNS (M. SINCLAIR)	OS
422.	INSTR - TRAINING	V-374A	234.	STATE EOC	OS
467.	MEDICAL	V-374B	235.	M. STRAIN	OS
505.	W. L. YAROSZ	V-922		(DEWITT CO. ESDA)	
542.	CAS	T-31M	238.	M. SINCLAIR (IDNS)	OS
544.	SAS	T-31M	567.	J. FAIROW	OS
				(RADIOLOGICAL EP MANAGER)	

STATUS REPORT

NUMBER	EPIP TITLE	REVISION	DATE	ACN'S	ACN DATE
<u>ADMINISTRATIVE PROCEDURE (AP)</u>					
AP-01	ORGANIZATION & PREPARATION OF CONTROLLED DOCUMENTS	6	12/13/99	n/a	
AP-02	REVISIONS AND ADVANCE CHANGE NOTICES	13	07/07/00	n/a	
AP-03	EMERGENCY RECORDS RETENTION	4	01/12/96	5/1	02/03/99
AP-04	PREPARATION & CONDUCT OF EMERGENCY DRILLS & EXERCISES	5	08/03/99	n/a	
AP-05	EMERGENCY PREPAREDNESS TRAINING PROGRAM	8	08/03/99	n/a	
AP-06	REVIEW OF EMERGENCY PREPAREDNESS PROGRAM	5	12/20/99	6/1	04/14/00
AP-07	ALERT AND NOTIFICATION SYSTEM	7	06/19/00	n/a	
F-01	ANS Test Report	*	1	09/30/94	2/1 06/19/00
F-02	Siren Maintenance/Repairs Report	*	1	09/30/94	2/1 06/19/00
AP-09	EMERGENCY FACILITY AND EQUIPMENT CHECKS	6	05/18/00	n/a	
AP-10	EMERGENCY RESPONSE ORGANIZATION ASSIGNMENTS	8	01/24/00	n/a	

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223
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STATUS REPORT

NUMBER	EMIP TITLE	REVISION	DATE	ACN'S	ACN DATE
<u>EMERGENCY CONTROL (EC)</u>					
EC-01	CPS EMERGENCY RESPONSE ORGANIZATION & STAFFING	* 6	07/12/99	7/1	12/13/99
F-01	Interim Station Emergency Director	* 3	10/23/97	4/1	05/29/98
F-02	Station Emergency Director (SED)	* 3	04/21/99	4/1	07/27/99
F-03	SED Administrative Support	* 1	05/29/98	n/a	
F-04	TSC Administrative Supervisor	* 2	10/23/97	n/a	
F-05	Technical Assessment Supervisor	* 1	04/21/99	n/a	
F-06	Emergency Operations Supervisor	* 1	04/21/99	n/a	
F-07	TSC Radiological Supervisor	* 0	07/28/92	n/a	
F-08	OSC Supervisor	* 1	08/26/99	n/a	
F-09	Station Security Coordinator	* 0	07/28/92	n/a	
F-10	TSC Communicator	* 3	02/24/00	n/a	
F-11	TSC Records Management Coordinator	* 0	07/28/92	n/a	
F-12	TSC Electrical Engineer	* 1	04/21/99	n/a	
F-13	TSC Reactor Engineer	* 1	04/21/99	n/a	
F-14	TSC Chemist-Nuclear	* 2	04/21/99	n/a	
F-15	Operations Coordinator	* 1	04/21/99	n/a	
F-16	TSC Computer Operator	* 5	02/28/00	n/a	

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STATUS REPORT

NUMBER	EPIP TITLE	REVISION	DATE	ACN'S	ACN DATE
F-17	Radiological Engineering Specialist	* 1	11/23/93	n/a	
F-19	RP (TSC) Communicator	* 0	07/28/92	n/a	
F-20	Status Board Keepers	* 0	07/28/92	n/a	
F-21	Radiological Controls Supervisor	* 0	07/28/92	1/1	06/29/00
F-22	In-station Emergency Teams	* 0	07/28/92	n/a	
F-23	OSC Radiological Controls Coordinator	* 0	07/28/92	n/a	
F-24	Assistant OSC Radiological Controls Coordinator	* 0	07/28/92	n/a	
F-25	RP (OSC) Communicator	* 0	07/28/92	n/a	
F-26	Emergency Team Coordinator	* 1	10/18/93	n/a	
F-28	Emergency Manager	* 2	02/06/97	3/1	06/01/98
F-30	EOF Director	* 3	03/05/97	n/a	
F-31	Executive Administrative Support	* 1	06/01/98	n/a	
F-32	Licensing Advisor	* 0	07/28/92	n/a	
F-33	EOF Emergency Advisor	* 2	10/18/96	n/a	
F-34	EOF Technical Advisor	* 0	07/28/92	n/a	
F-36	Technical Information Liaison	* 1	01/22/97	n/a	
F-37	Emergency Action Level/Protective Action Evaluator	* 0	07/28/92	n/a	
F-38	Security Supervisor	* 0	07/28/92	n/a	
F-39	Radiation Protection Supervisor	* 1	10/18/93	n/a	

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STATUS REPORT

NUMBER	EPIP TITLE	REVISION	DATE	ACN'S	ACN DATE
F-40	EOF Administrative Supervisor	* 2	07/25/00	n/a	
F-41	EOF Engineering Supervisor	* 0	07/28/92	1/1	07/28/99
F-42	RP (EOF) Communicator	* 0	07/28/92	n/a	
F-43	Dose Assessment Supervisor	* 1	12/01/93	n/a	
F-44	Dose Assessor	* 0	07/28/92	n/a	
F-45	Field Team Coordinator	* 2	01/10/00	n/a	
F-46	Field Teams	* 0	07/28/92	n/a	
F-47	Radiological Controls Coordinator	* 1	11/23/93	n/a	
F-48	Environmental Lab Coordinator	* 1	11/23/93	2/1	03/25/99
F-49	EOF Monitor	* 0	07/28/92	n/a	
F-50	EOF Records Management Coordinator	* 0	07/28/92	n/a	
F-51	EOF Communicator	* 3	02/24/00	n/a	
F-52	Log Coordinator	* 0	07/28/92	n/a	
F-53	Copy Clerk	* 0	07/28/92	n/a	
F-54	TSC Emergency Advisor	* 0	07/28/92	n/a	
F-55	Procurement Coordinator	* 0	07/28/92	n/a	
F-56	Word Processor	* 0	07/28/92	n/a	
F-57	EOF Computer Operator	* 4	09/02/99	n/a	
F-58	Mechanical/Nuclear Engineer	* 0	07/28/92	n/a	
F-59	EOF Electrical Engineer	* 0	07/28/92	n/a	
F-60	Core Damage Assessor	* 0	07/28/92	n/a	

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STATUS REPORT

NUMBER	EPIP TITLE	REVISION	DATE	ACN'S	ACN DATE
F-61	Technical Advisor to State/Local Organizations	* 0	07/28/92	n/a	
F-62	EOF Administrative Support	* 0	07/28/92	n/a	
F-63	Fire Brigade Coordinator	* 0	07/28/92	n/a	
F-64	RAFT Liaison	* 0	07/28/92	n/a	
F-65	Warehouseman	* 0	07/28/92	n/a	
F-66	EOF Access Control Coordinator	* 1	10/26/93	n/a	
F-67	PASS Team Leader	* 1	05/24/93	n/a	
F-68	Fitness for Duty (FFD) Coordinator	* 0	07/28/92	n/a	
F-69	HAZMAT Team Leader	* 0	07/28/92	n/a	
F-70	Assistant Emergency Team Coordinator	* 0	07/28/92	n/a	
F-71	OSC Communicator	* 0	07/28/92	n/a	
F-72	OSC Support	* 0	10/05/93	n/a	
F-73	Mechanical Engineer	* 0	07/27/99	n/a	
EC-02	EMERGENCY CLASSIFICATIONS	6	04/24/98	7/1, 7/2, 7/3	01/27/99, 12/13/99, 12/20/99
EC-03	NOTIFICATION OF UNUSUAL EVENT	5	01/02/97	6/1	01/24/00
EC-04	ALERT	4	01/02/97	5/1	01/24/00
EC-05	SITE AREA EMERGENCY	4	01/02/97	5/1, 5/2	10/23/97, 01/24/00
EC-06	GENERAL EMERGENCY	4	01/02/97	5/1, 5/2	10/23/97, 01/24/00

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STATUS REPORT

NUMBER	EPIP TITLE	REVISION	DATE	ACN'S	ACN DATE
EC-07	EMERGENCY PLAN NOTIFICATION	11	01/31/00	n/a	
	F-01 State and NRC Notifications Checklist	0	02/06/97	n/a	
EC-08	NON-ESSENTIAL PERSONNEL EVACUATION	8	07/23/00	n/a	
EC-09	SECURITY DURING EMERGENCIES	5	03/22/96	6/1, 6/2	09/21/98, 07/30/99
EC-10	PERSONNEL ACCOUNTABILITY	6	10/23/97	n/a	
EC-11	REENTRY	* 4	08/03/99	n/a	
EC-12	EMERGENCY TEAMS	7	02/24/00	n/a	
EC-13	REACTOR CORE DAMAGE ESTIMATION	4	09/19/97	5/1, 5/2	12/01/97, 09/28/99
EC-14	RECOVERY	3	10/21/94	4/1, 4/2, 4/3	02/08/96, 02/03/99, 12/13/99
	F-01 Recovery Checklist	0	10/21/94	n/a	

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STATUS REPORT

NUMBER	EPIP TITLE	REVISION	DATE	ACN'S	ACN DATE
<u>FACILITIES AND EQUIPMENT (FE)</u>					
FE-01	TSC OPERATIONS	6	06/09/97	7/1	01/12/99
FE-02	OSC OPERATIONS	6	06/09/97	7/1	07/23/99
FE-03	EOF OPERATIONS	5	06/09/97	6/1	04/21/99
FE-04	BEOF OPERATIONS	5	06/09/97	6/1	07/23/99
FE-05	EMERGENCY EQUIPMENT & SUPPLIES	11	05/26/97	n/a	
F-02	OSC Emergency Equipment	3	03/25/99	n/a	
F-03	EOF Emergency Equipment	3	07/22/97	n/a	
F-04	BEOF Emergency Equipment	0	04/28/92	n/a	
F-05	EOF Environmental Lab Equipment	0	04/28/92	n/a	
F-06	Emergency Vehicle Kit	0	04/28/92	n/a	
F-07	Field Monitoring Kit	1	07/22/97	n/a	
F-08	Hospital Kit	1	10/07/97	n/a	
F-09	Decontamination Kit	2	10/16/94	n/a	
F-10	TSC Administrative Supplies	3	02/26/97	n/a	
F-11	OSC Administrative Supplies	0	04/28/92	n/a	
F-12	OSC Maintenance Tool Box	2	05/29/98	n/a	
F-13	First Aid Kit (Trauma Kit)	1	05/29/98	n/a	
F-14	EOF Administrative Supplies	1	10/16/94	n/a	
F-15	BEOF Administrative Supplies	0	04/28/92	n/a	
F-16	JPIC Administrative Supplies	1	02/06/97	n/a	

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STATUS REPORT

<u>NUMBER</u>	<u>EPIP TITLE</u>	<u>REVISION</u>	<u>DATE</u>	<u>ACN'S</u>	<u>ACN DATE</u>
	F-17 EOP Supply Kit	4	09/30/99	n/a	
	F-18 EOP MCR Tool Bag	0	10/16/94	n/a	
FE-06	EMERGENCY COMMUNICATIONS EQUIPMENT	4	06/04/92	5/1, 5/2, 5/3	10/06/93, 03/05/97, 04/08/97

MISCELLANEOUS (MS)

MS-01	TRANSPORTATION ACCIDENTS	4	10/13/97	5/1	02/01/00
MS-03	NOTIFICATION OF NEXT OF KIN	4	01/12/96	5/1, 5/2	02/03/99, 12/13/99
MS-04	PROCESSING NRC & IDNS PERSONNEL DURING AN EMERGENCY	* 4	06/06/00	n/a	

STATUS REPORT

NUMBER	EPIP TITLE	REVISION	DATE	ACN'S	ACN DATE
<u>PUBLIC RELATIONS (PR)</u>					
PR-01	JOINT PUBLIC INFORMATION CENTER ORGANIZATION & STAFFING	6	02/06/97	7/1	12/13/99
F-01	JPIC Administration Coordinator Checklist	1	02/06/97	n/a	
F-02	JPIC Audiovisual Support Checklist	1	02/06/97	n/a	
F-03	JPIC Director Checklist	2	02/06/97	n/a	
F-05	JPIC Assistant Director Checklist	2	02/06/97	n/a	
F-06	JPIC Graphic Support Checklist	0	07/28/92	n/a	
F-07	JPIC Public Information Officer Checklist	1	02/06/97	n/a	
F-08	JPIC Media Coordinator Checklist	0	07/28/92	n/a	
F-09	JPIC Media Monitoring Team Checklist	0	07/28/92	n/a	
F-11	JPIC Security Representative Checklist	0	07/28/92	n/a	
F-12	JPIC Technical Advisor Checklist	0	07/28/92	n/a	
F-13	JPIC Technical Information Coordinator Checklist	0	07/28/92	n/a	
F-14	Writer Checklist	0	07/28/92	n/a	
F-15	IP PIO Steno Checklist	1	07/06/93	n/a	
F-16	JPIC Telefax Operator Checklist	0	07/28/92	n/a	

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STATUS REPORT

NUMBER	EPIP TITLE	REVISION	DATE	ACN'S	ACN DATE
	F-17 JPIC Registration Staff Checklist	0	07/28/92	n/a	
PR-03	PREPARATION AND DISSEMINATION OF EMERGENCY INFORMATION	8	12/13/99	n/a	
PR-05	PUBLIC INFORMATION & EDUCATION	6	08/09/96	7/1, 7/2	02/03/99, 12/13/99

STATUS REPORT

NUMBER	EPIP TITLE	REVISION	DATE	ACN'S	ACN DATE
<u>RADIOLOGICAL ASSESSMENT (RA)</u>					
RA-01	MANUAL RADIOLOGICAL DOSE ASSESSMENT	6	08/20/99	7/1	11/29/99
RA-02	PROTECTIVE ACTION RECOMMENDATIONS	4	08/20/96	5/1	01/15/99
RA-03	RADIOLOGICAL EXPOSURE GUIDELINES	5	10/13/97	n/a	
RA-04	PERSONNEL MONITORING & DECONTAMINATION	7	08/03/99	n/a	
RA-05	PERSONNEL PROTECTION	6	02/24/00	n/a	
RA-06	STATION RADIOLOGICAL SURVEYS	6	06/03/96	n/a	
RA-07	FIELD RADIOLOGICAL MONITORING	6	08/03/99	n/a	
RA-09	POST ACCIDENT SAMPLING	6	10/12/94	7/1	06/19/97
RA-11	STACK EFFLUENT ANALYSIS & SAMPLING	7	08/27/00	n/a	
RA-14	DOSE RATE DETERMINATION BASED ON ENVIRONMENTAL AIR SAMPLES	6	12/14/99	n/a	
RA-15	PREDICTIVE RELEASE RATES	6	02/18/98	n/a	
RA-16	COMPUTERIZED RADIOLOGICAL DOSE ASSESSMENT	5	08/03/99	n/a	
RA-17	RADIOLOGICAL CONTROL OF THE EOF	8	08/30/99	n/a	
RA-18	EOF ENVIRONMENTAL LAB OPERATIONS	4	08/03/99	n/a	

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TITLE: STACK EFFLUENT ANALYSIS AND SAMPLING

SCOPE OF REVISION: In step 2.3, changed Supervisor Chemistry to Director Chemistry. Changed Shift Supervisor to Shift Manager in step 4.4.6. In response to CR 2-00-03-113, removed CPS 7410.75, OPERATION OF AR/PR MONITORS from section 4.3. and section 5. The new procedure that covers the pre-planned alternate sampling method is now CPS 3315.03, RADIATION MONITORING(AR/PR). Added CPS 3315.03, RADIATION MONITORING(AR/PR) to section 5. This revision also serves as the biennial review.

DOCUMENT CONTROL

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223
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Authority

<u>Authority</u>	<u>Function</u>	<u>Signature</u>	<u>Date</u>
Prepared by		Wayne Helenthal	8/22/00
Director-Security & Emergency Planning		Annus Smith	8/25/00
Concurrence		J Ramanya	8/24/00
Concurrence		J M Viswanath	8/24/00
Concurrence		NA	
Independent Reviewer		(Signature)	8/24/00
Facility Review Group		NA	
Manager-Clinton Power Station		NA	
Approval/Effective Date		Dary Babin	8/27/00

TITLE: STACK EFFLUENT ANALYSIS AND SAMPLING

1.0 INTRODUCTION

The purpose of this procedure is to provide additional guidance for implementation of CPS No. 6005.04, STACK EFFLUENT ANALYSIS, and 6005.03, STACK EFFLUENT SAMPLING, which provide instructions for Stack Effluent Sampling and Analysis to the sampling team and OSC Supervisor.

2.0 RESPONSIBILITY

- 2.1 Station Emergency Director - is responsible for directing that Stack Samples be obtained and analyzed.
- 2.2 Director - Security and Emergency Planning - is responsible for the review of this procedure.
- 2.3 Director - Chemistry - is responsible for review of this procedure for Chemistry content.
- 2.4 Chemistry Personnel - are responsible for sampling and analyzing Stack Effluent Samples.
- 2.5 Radiation Protection - is responsible for review of this procedure for radiological control content.
- 2.6 Manager - Nuclear Support - is responsible for the approval of this procedure.

3.0 DEFINITIONS

None

4.0 INSTRUCTIONS

4.1 General Information

- 4.1.1 The Station Emergency Director shall authorize the performance of Stack effluent samples.
- 4.1.2 Chemistry personnel shall obtain Stack effluent samples per CPS No. 6005.03, STACK EFFLUENT SAMPLING. Sample analysis is per CPS No. 6005.04, STACK EFFLUENT ANALYSIS.

4.2 Radiological Considerations

- 4.2.1 Stack effluent samples obtained during a radiological emergency may be highly radioactive. Special considerations incorporated in CPS No. 6005.03 and CPS No. 6005.04 should be employed in the handling of these samples to avoid high personnel exposures.
- 4.2.2 When directed by the OSC Supervisor, Radiation Protection personnel shall be present during Stack effluent sampling activities and transport of such samples to the Chemistry Laboratory, as well as during sample analysis.

TITLE: STACK EFFLUENT ANALYSIS AND SAMPLING

- 4.2.3 The TSC Radiological Supervisor or designee and the Dose Assessment Supervisor or designee should review the results of Stack effluent analysis reported on CPS No. 6005.04D001 forms. The accident range monitor (AXM) sample line drains should be drained every 54 hours to avoid excess moisture which could block the sample lines. In addition, if the Process Radiation Monitors (PRMs) are running their sample line drains should be drained every 8 hours.
- 4.2.4 The Stack sample analysis results should be compared against source term information being used for offsite dose assessments. Differences should be factored into the dose assessment calculations.

NOTE

Special attention should be paid to CPS No. 6005.04D001. Should the correction factor CF_w for water in sample line be used, then consideration should be given to requesting samples and analysis of condensate from the drain lines per Appendix A of CPS No. 6005.03.

4.3 Pre-Planned Alternate Sampling Method (AXM Inoperable)

NOTE

The pre-planned alternate method of monitoring the appropriate parameter(s), referred to in ODCM Table 3.9.2-1, Remedial Requirement 11 (a), shall be to perform grab samples on the inoperable channel (parameter).

- 4.3.1 During an accident situation when an AXM is inoperable, obtain grab samples from the affected effluent IAW CPS 3315.03, RADIATION MONITORING (AR/PR) and CPS 6005.03.

4.4 AXM Team Briefing

When a determination is made that a sample is needed, Attachment 1, AXM - PRM SAMPLE LOGIC, should be used to provide guidance on which type of samples to take. As mentioned above, some monitors may not be in service which would alter the type of sample obtained. The team used for AXM sampling shall consist of two individuals. Information required by the sampling team to successfully obtain samples and analyze them is found on Attachment 2, AXM TEAM BRIEFING SHEET. The information should be provided as follows:

- 4.4.1 PLANT STATUS - Give a brief status of the plant and of the PRMs and AXMs.
- 4.4.2 SAMPLE INFORMATION - Information should be provided as to when AXMs started to sample. In addition, the sample location should be specified (PRM, AXM) sample type (HVAC, SGTS) and length of sample. Also include which section(s) of CPS No. 6005.03 should be performed.

NOTE

Before dispatching a team allow adequate time for the sample line flush. (20.8 minutes for HVAC and 3.4 minutes for SGTS after start at AXM)

TITLE: STACK EFFLUENT ANALYSIS AND SAMPLING

- 4.4.3 ELECTRICAL POWER STATUS - Power to the lab should be confirmed. Division 1 Power is necessary to obtain samples from SGTS.
- 4.4.4 CHANNEL MONITOR READINGS - This section provides space for recording channel monitor readings for the AXM and PRM monitors. Record here as much information as possible before the team departs to obtain the sample in question. Only that information that is pertinent to the sample(s) being obtained should be recorded. In addition, radiation dose rates should be recorded for the laboratory and transport route, if known.
- 4.4.5 INSTRUMENT AIR STATUS - Indicate whether instrument air is available to provide purge air to the monitoring skid.
- 4.4.6 KEYS REQUIRED - The following keys may be required by Chemistry personnel (they can be obtained from the Shift Manager):
 - DAM Key - Data Acquisition Module Key
 - 445 Key - Ventilation Access Key
 - D5 Key - Lab Key
- 4.4.7 TRAVEL PATH - The route the team should take (as specified by Radiation Protection) to the sample panel and back to the laboratory should be specified here.
- 4.4.8 VENTILATION STATUS - This is applicable to the Laboratory only.
- 4.4.9 REMARKS - Use this section to add any other information which may be useful to the sampling effort. Include a reminder here to recalibrate, as needed, equipment which was affected by any power outage.
- 4.4.10 PRECAUTIONS - Use this to indicate and review radiological precautions of sample and analysis procedures.

4.5 Results Reporting

NOTE

If power is unavailable to the lab, the TSC Chemist - Nuclear should be consulted to provide guidance for sample analysis.

- 4.5.1 Analytical results should be telephoned to the TSC and then a hard copy of the completed CPS No. 6005.04D001 and 6005.04D002 should be delivered to the Chemist-Nuclear in the TSC. In addition a copy of CPS No. 6005.03D001 should be delivered.
- 4.5.2 The TSC Chemist-Nuclear shall provide Stack effluent sample results to the Dose Assessment Supervisor or designee in the Emergency Operations Facility and the TSC Radiological Supervisor or designee in the TSC.

TITLE: STACK EFFLUENT ANALYSIS AND SAMPLING

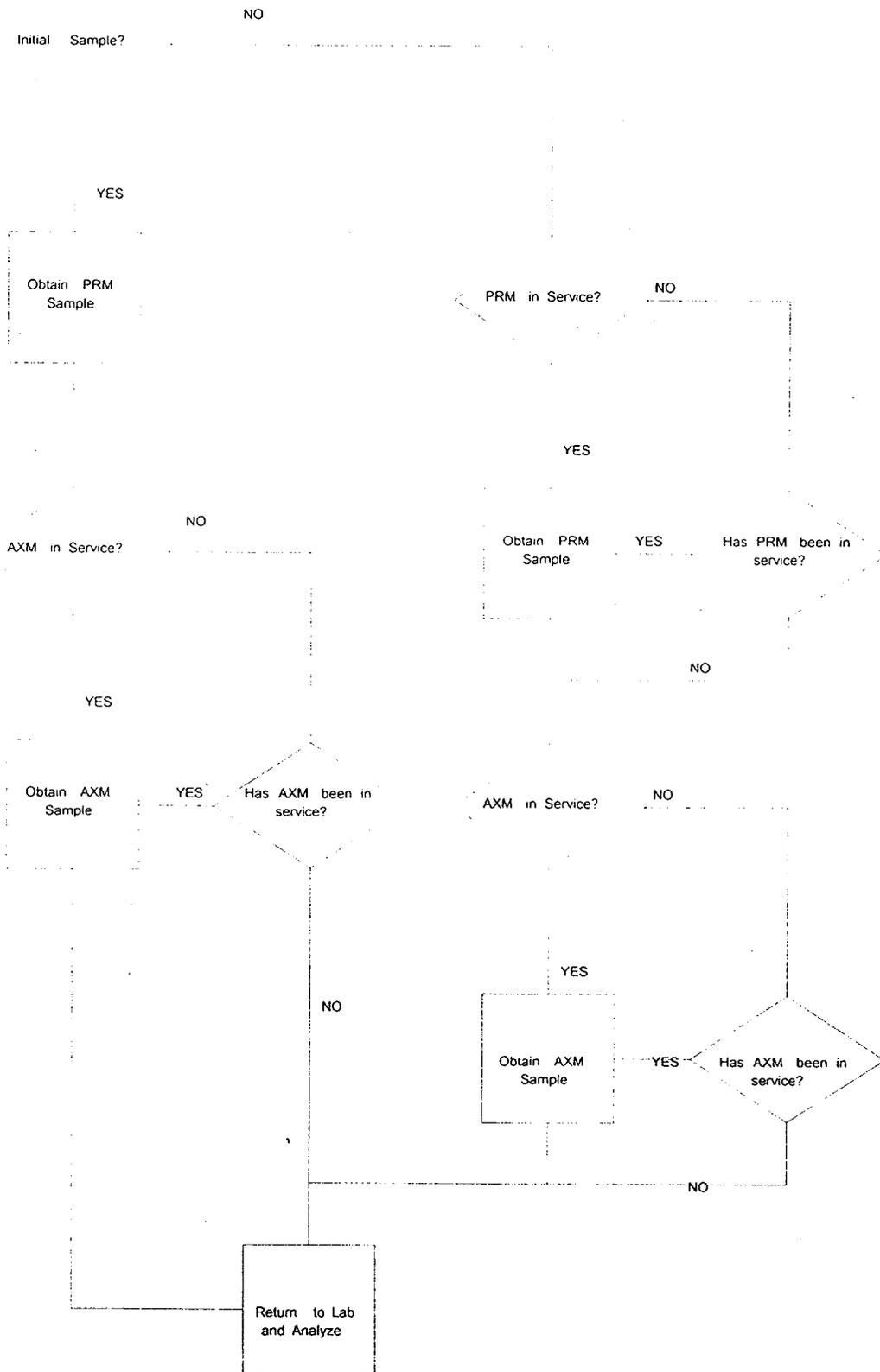
5.0 REFERENCES

- 5.1 CPS Emergency Plan, Section 3.1.9 and 3.2.5
- 5.2 CPS No. 6005.04, STACK EFFLUENT ANALYSIS
- 5.3 CPS No. 6005.03, STACK EFFLUENT SAMPLING
- 5.4 CPS 3315.03, RADIATION MONITORING (AR/PR)
- 5.5 CPS Offsite Dose Calculation Manual
- 5.6 Condition Report 2-00-03-113

6.0 ATTACHMENTS

1. AXM - PRM SAMPLE LOGIC
2. AXM - TEAM BRIEFING SHEET

AXM-PRM SAMPLE LOGIC



AXM TEAM BRIEFING SHEET

1. PLANT STATUS

PLANT: _____

MONITORS: _____

2. SAMPLE INFORMATION:

PUMP (SAMPLE) START TIME: _____

SAMPLE LOCATION (AXM/PRM): _____

LENGTH OF SAMPLE: _____

APPLICABLE SECTION OF CPS NO. 6005.03: _____

3. ELECTRICAL POWER STATUS: _____

4. CHANNEL MONITOR READINGS

a. AXM (HVAC)
TIME _____

<u>Channel #</u>	<u>Function</u>	<u>Reading</u>
1	SA-16 Particulate + Iodine	_____ (mr/hr)
2	Background Monitor	_____ (mr/hr)
3	Mid Range Noble Gas (SA-14)	_____ (μ Ci/cc)
4	High Range Noble Gas (SA-15)	_____ (μ Ci/cc)

b. AXM (SGTS)
TIME _____

<u>Channel #</u>	<u>Function</u>	<u>Reading</u>
1	SA-16 Particulate + Iodine	_____ (mr/hr)
2	Background Monitor	_____ (mr/hr)
3	Mid Range Noble Gas (SA-14)	_____ (μ Ci/cc)
4	High Range Noble Gas (SA-15)	_____ (μ Ci/cc)

AXM TEAM BRIEFING SHEET

c. PRM (HVAC)
TIME _____

<u>Channel #</u>	<u>Function</u>	<u>Reading</u>
1	Beta Particulate	_____ (μCi)
3	Iodine ¹³¹	_____ (μCi)
5	Noble Gas Low	_____ (μCi/cc)
6	Area	_____ (mr/hr)
7	Noble Gas High	_____ (μCi/cc)

d. PRM (SGTS)
TIME _____

<u>Channel #</u>	<u>Function</u>	<u>Reading</u>
1	Beta Particulate	_____ (μCi)
4	Iodine ¹³¹	_____ (μCi)
6	Noble Gas Low	_____ (μCi/cc)
7	Area	_____ (mr/hr)
9	Noble Gas High	_____ (μCi/cc)

e. RADIATION DOSE RATES:

Laboratory: _____

Sample Transport Route: _____

5. INSTRUMENT AIR STATUS: _____

6. PHONE NUMBERS:

TSC - 3633 OR 3478

OSC - 3750 OR 3715

MCR - 3323

AXM TEAM BRIEFING SHEET

7. KEYS REQUIRED: _____

8. TRAVEL PATH: _____

9. VENTILATION STATUS: _____

10. REMARKS: _____

11. PRECAUTIONS: _____

Prepared By: _____ Date/Time: _____ / _____