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THE FOLLOWING CHANGES HAVE OCCURRED TO THE HARDCOPY
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114 - 114 - CHEMISTRY COORDINATOR: EMERGENCY PLAN-
POSITION SPECIFIC PROCEDURE

REMOVE MANUAL TABLE OF CONTENTS DATE: 02/26/2003

ADD MANUAL TABLE OF CONTENTS DATE: 03/13/2003

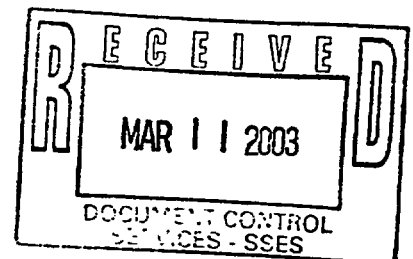
CATEGORY: PROCEDURES TYPE: EP
ID: EP-PS-114
ADD: PCAF 2003-1184 REV: N/A

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PROCEDURE CHANGE PROCESS FORM

1. PCAF NO. <u>2003-1184</u>	2. PAGE 1 OF <u>46</u>	3. PROC. NO. <u>EP-PS-114</u> REV. <u>9</u>
4. FORMS REVISED - <u>E R 4</u> , - <u>R</u> , - <u>R</u> , - <u>R</u> , - <u>R</u> , - <u>R</u>		
5. PROCEDURE TITLE <u>TSC Chemistry Coordinator: Emergency Plan Position Specific Instruction</u>		
6. REQUESTED CHANGE PERIODIC REVIEW <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES INCORPORATE PCAFS <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES # _____ # _____ # _____ # _____ REVISION <input type="checkbox"/> PCAF <input checked="" type="checkbox"/> DELETION <input type="checkbox"/> (CHECK ONE ONLY)		
7. SUMMARY OF / REASON FOR CHANGE <u>Added statement providing guidance on contacting Operations or Technical Support Coordinator for plant system information to obtain samples. This is an administrative change</u>		
8. DETERMINE COMMITTEE REVIEW REQUIREMENTS (Refer to Section 6.1.4) PORC REVIEW REQ'D? <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES		9. PORC MTG# <u>N/A</u>
BLOCKS 11 THRU 16 ARE ON PAGE 2 OF FORM		
17. <u>T.C. Dalpiaz</u> / <u>3227</u> / <u>03/11/2003</u> PREPARER ETN DATE (Print or Type)	18. COMMUNICATION OF CHANGE REQUIRED? <input type="checkbox"/> NO <input checked="" type="checkbox"/> YES (TYPE) <u>E Mail</u>	
19. <u><i>[Signature]</i></u> <u>3/11/03</u> RESPONSIBLE SUPERVISOR DATE	SIGNATURE ATTESTS THAT RESPONSIBLE SUPERVISOR HAS CONDUCTED QADR AND TECHNICAL REVIEW UNLESS OTHERWISE DOCUMENTED IN BLOCK 16 OR ATTACHED REVIEW FORMS. CROSS DISCIPLINE REVIEW (IF REQUIRED) HAS BEEN COMPLETED BY SIGNATURE IN BLOCK 16 OR ATTACHED REVIEW FORMS.	
20. <u>N/A</u> FUM APPROVAL DATE		
21. RESPONSIBLE APPROVER <u>N/A</u> INITIALS DATE	ENTER N/A IF FUM HAS APPROVAL AUTHORITY	



PROCEDURE CHANGE PROCESS FORM

1. PCAF NO. 2013-1184 | 2. PAGE 2 OF 26 | 3. PROC. NO. EP-PS-114 REV. 9

11. This question documents the outcome of the 50.59 and 72.48 Review required by NDAP-QA-0726. Either 11a, b, c or d must be checked "YES" and the appropriate form attached or referenced.
- a. This change is an Administrative Correction for which 50.59 and 72.48 are not applicable. YES N/A
- b. This change is a change to any surveillance, maintenance or administrative procedure for which 50.59 and 72.48 are not applicable. YES N/A
- c. This change is bounded by a 50.59/72.48 Screen/Evaluation, therefore, no new 50.59/72.48 Evaluation is required. YES N/A
Screen/Evaluation No. _____
- d. 50.59 and/or 72.48 are applicable to this change and a 50.59/72.48 Screen/Evaluation is attached. YES N/A
12. This change is consistent with the FSAR or an FSAR change is required. YES
Change Request No. _____
13. Should this change be reviewed for potential effects on Training Needs or Material? YES NO
If YES, enter an Action Item @ NIMS/Action/Gen Work Mech/PICN
14. Is a Surveillance Procedure Review Checklist required per NDAP-QA-0722? YES NO
15. Is a Special, Infrequent or Complex Test/Evolution Analysis Form required per NDAP-QA-0320? (SICT/E form does not need to be attached.) YES NO

16. Reviews may be documented below or by attaching Document Review Forms NDAP-QA-0101-1.

REVIEW	REVIEWED BY WITH NO COMMENTS	DATE
QADR	_____	_____
TECHNICAL REVIEW	_____	_____
REACTOR ENGINEERING/NUCLEAR FUELS *	_____	_____
IST **	_____	_____
OPERATIONS	_____	_____
NUCLEAR SYSTEMS ENGINEERING	_____	_____
NUCLEAR MODIFICATIONS	_____	_____
MAINTENANCE	_____	_____
HEALTH PHYSICS	_____	_____
NUCLEAR TECHNOLOGY	_____	_____
CHEMISTRY	_____	_____
OTHER <u>10 CFR 50.54Q</u>	_____	_____

* Required for changes that affect, or have potential for affecting core reactivity, nuclear fuel, core power level indication or impact the thermal power heat balance. ⁽⁵⁸⁾

** Required for changes to Section XI Inservice Test Acceptance Criteria.

CHEMISTRY COORDINATOR: Emergency Plan-Position Specific Procedure

WHEN: The Technical Support Center (TSC) is activated, if not already contacted by Chemistry personnel
 HOW NOTIFIED: Paged
 REPORT TO: Technical Support Coordinator
 WHERE TO REPORT: TSC

OVERALL DUTY:

Coordinate activities of Chemistry personnel to make sure necessary information on plant status is accurate and available.

<u>MAJOR TASKS:</u>	<u>TAB:</u>	<u>REVISION:</u>
Get plant status for both units.	TAB A	1
If there will be Chemistry involvement, make sure you have adequate Chemistry support.	TAB B	3
If indicated, direct setup of Chemistry Lab(s).	TAB C	2
Consider what samples will be required.	TAB D	4
If reactor water sample(s) is/are required, decide where and how to collect the sample(s).	TAB E	34
If containment gas is required, decide where and how to collect the sample(s).	TAB F	2
Decide where and how to collect Suppression Pool samples.	TAB G	1
If there is an unusual liquid release, monitor the release and perform liquid release calculations until the EOF is activated and the Field Team Director is available.	TAB H	7

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MAJOR TASK:

If reactor water sample(s) is/are required, decide where and how to collect the sample(s).

SPECIFIC TASKS:

HOW:

- | | |
|--|--|
| 1. Decide where to take the sample(s) based on available conditions. | 1a. Contact the Technical Support Coordinator or the Operations Coordinator to obtain plant system information to aid in the decision on where to obtain the samples. |
| 2. If conditions allow, direct sample(s) be taken from the Reactor Building Sample Station. | 2a. Before directing sampling at this location, make sure these considerations have been made:
(1) Dose/projected dose.
(2) Area conditions (radiation levels) on the way to the sampling location.
(3) Access available to the Reactor Building. |
| 3. If conditions permit sampling at the Reactor Building Sample Station, determine if you'll have them taken from Reactor Water Cleanup. | 3a. Before directing sampling from Reactor Water Cleanup, consider whether these conditions have been met:
(1) Is Reactor Water Cleanup in service?
(2) Can Operations place the system in service? |
| 4. If Operations places RWCU in service, reassess accessibility to the Reactor Building Sample Station. | 4a. Check with Health Physics and available Area Radiation Monitor data. |

CAUTION:

Area radiation levels are likely to increase dramatically after flow is established.

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SPECIFIC TASKS:

HOW:

5. If conditions for sampling from Reactor Water Cleanup are unsatisfactory, consider conditions at Recirculation.

5a. Conditions at Recirculation should be similar to those needed for sampling at Reactor Water Cleanup:
(1) Is Recirculation in service?
(2) Has flow been established, or can flow be established by opening HV143F019 and HV143F020 (HV-243-F019 and HV-243-F020)?

CAUTION:

Area rad levels are likely to increase dramatically after flow is established.

6. If Operations opens HV-143-F019 and HV-143-F020 (HV-243-F019 and HV-243-F020), reassess accessibility to Reactor Building Sample Station.

6a. Check with Health Physics and available Area Radiation Monitor data.

7. If sampling at these locations is prohibited, recommend going to RHR for sampling.

7a. Consider if these conditions have been met.
(1) RHR is in shutdown cooling..
(2) Determine which loop is in service.
(3) Necessary valves SV-151-F079A(B) and SV-151-F080A(B) (SV-251-F079A(B) and SV-251-F080A(B)) have been opened to establish flow.
(4) Projected dose assessment after valves are opened is acceptable.

SPECIFIC TASKS:

HOW:

8. If the Reactor Building is not available, go to the Post Accident Sampling System (PASS).

- 8a. Determine reactor pressure:
- (1) If > 109 psi, obtain a jet pump sample.
 - (2) If < 109 psi, obtain a RHR sample.

8b. RHR must be in the same operating mode for at least thirty minutes prior to sampling.

8c. Samples may be collected from RHR in shutdown cooling.

8d. During a Loss of Coolant Accident (LOCA) with RHR in Low Pressure Core Injection (LPCI) mode, samples may be obtained from RHR. Mixing time necessary for representative samples is dependent upon accident scenario (e.g., size of break).

9. Determine what analysis will be required.

9a. Using the chart below, decide what samples are needed based on determination.

ANALYSIS REQUIREMENTS

DETERMINATION	REQUEST THIS SAMPLE
Core Damage estimate	Small Volume
Isotopic	Small Volume
Chlorides	Large Volume
pH	Small Volume
Boron	Small Volume
Hydrogen and Oxygen	Dissolved Gas