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TO: ~~GERLACH ROSE M~~ 09/10/2003

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THE FOLLOWING CHANGES HAVE OCCURRED TO THE HARDCOPY OR ELECTRONIC MANUAL ASSIGNED TO YOU:

104 - 104 - RADIATION PROTECTION COORDINATOR (RPC): EMERGENCY PLSN-POSITION  
SPECIFIC PROCEDURE

REMOVE MANUAL TABLE OF CONTENTS DATE: 06/26/2003

ADD MANUAL TABLE OF CONTENTS DATE: 09/09/2003

CATEGORY: PROCEDURES TYPE: EP

ID: EP-PS-104

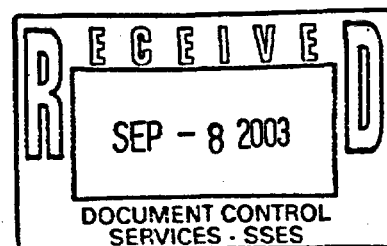
ADD: PCAF 2003-1640 REV: N/A

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A045

## PROCEDURE CHANGE PROCESS FORM

1. PCAF NO. <u>2013-1140</u>	2. PAGE 1 OF <u>6</u>	3. PROC. NO. <u>EP-PS-104</u>	REV. <u>17</u>
4. FORMS REVISED - <u>D R 7</u> , - <u>R</u> , - <u>R</u> , - <u>R</u> , - <u>R</u> , - <u>R</u>			
5. PROCEDURE TITLE <u>Dose Assessment Supervisor 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 Added step 1b, 1c, & 1d to provide guidance in referring to Tab N to determine if there is a non-routine radiological release in progress. This is an administrative PCAF since it provides a reference step to an existing Tab.			
			Continued <input checked="" type="checkbox"/>
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# _____	
<b>BLOCKS 11 THRU 16 ARE ON PAGE 2 OF FORM</b>			
17. T.C. Dalpiaz / <u>3227</u> / <u>09/04/2003</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 notification</u>	
19. <u>[Signature]</u> RESPONSIBLE SUPERVISOR		DATE <u>9/5/2003</u>	
20. <u>[Signature]</u> FUM APPROVAL		DATE <u>9/5/2003</u>	
21. RESPONSIBLE APPROVER <u>N/A</u> INITIALS		ENTER N/A IF FUM HAS APPROVAL AUTHORITY DATE _____	



# PROCEDURE CHANGE PROCESS FORM

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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>	<u>TP [Signature]</u>	<u>9/5/04</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. <sup>(58)</sup>

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

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EP-PS-104  
Revision 17  
Page 2 of 4

**RADIATION PROTECTION COORDINATOR (RPC):**

Emergency Plan-Position  
Specific Procedure

**WHEN:** Technical Support Center (TSC) is activated  
**HOW NOTIFIED:** Paged, phone backup  
**REPORT TO:** TSC Emergency Director  
**WHERE TO REPORT:** TSC

**OVERALL DUTY:**

Quantify and assess radiological conditions both on- and off-site, then recommend emergency classification and protective actions.

**MAJOR TASKS:**

**TAB:**

**REVISION:**

Obtain briefing on the emergency.	TAB A	4
Activate TSC Health Physics group and, if needed, request EOF activation.	TAB B	5
Make sure initial habitability is assessed.	TAB C	8
Take inventory of information required to analyze the radiological situation.	TAB D	8 7
Brief Emergency Director in the TSC on what you know about radiological conditions and Health Physics staff.	TAB E	1
Assess emergency classification and confirm or recommend changes to the Emergency Director.	TAB F	6
Assess and recommend protective actions to the Emergency Director.	TAB G	10
Communicate with DEP/BRP.	TAB H	5
Continue assessing radiological situation, updating Emergency Director, TSC staff, and Health Physics staff.	TAB I	10
Evaluate and approve emergency exposure extensions and/or revise RWP's.	TAB J	4

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TAB D  
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**MAJOR TASK:**

Take inventory of information required to analyze the radiological situation.

**SPECIFIC TASKS:**

**HOW:**

1. Evaluate offsite radiological conditions.

- 1a. Review available data such as:

- (1) Valid release rates (airborne and liquid).
- (2) Field measurements.
- (3) Meteorological data.
- (4) Dose calculations.
- (5) Affected sectors.

- 1b. Refer to Tab N for assistance in determining if there is a non-routine Radiological release in progress.

- 1c. If there is a non-routine Radiological release in progress, insure the TSC Communicator indicates that on the ENR form.

- 1d. Insure that information is communicated to the Emergency Director and TSC personnel.

**NOTE:**

"White" PICSY data is an indication of unreliable data. It may be normal and acceptable due to low or no flow in the SPING Monitor. It may also indicate a release exceeding the range of the instrument or an indication of instrumentation or computer interface problems.

**HELP**

TSC Dose Assessment Flowchart  
See TAB 16

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**SPECIFIC TASKS:**

**HOW:**

- 1e. Use the default Noble Gas to Iodine ratio of 1,000 and the default Noble Gas to Particulate Ratio of 10,000 until Chemistry vent data is available.

**HELP**

**TSC Dose Assessment Flowchart**  
**See TAB 16**

- 1f. If low confidence (white) PICSY data exists:
- (1) If data is suspect, consult with Operations or Engineering to determine if condition is normal.
  - (2) Use appropriate alternate data such as grab sample (vent, PAVSS, HP air samples) results in Forward Calculation.

**HELP**

**TSC Dose Assessment**  
**Flowcharts**  
**See TAB 16**

- (3) Ensure OSCAR is taking air samples as appropriate and is maintaining their exposure ALARA.
- (4) Report conditions as a potential unmonitored or an unmonitored release depending on measured to projected dose rate ratios.
- (5) Initiate Back Calculations if field data is available.

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TAB D  
EP-PS-104-D  
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**SPECIFIC TASKS:**

**HOW:**

2. Evaluate onsite radiological conditions.

- 2a. Review available data such as:
- (1) ARMs.
  - (2) Containment integrity.
  - (3) Containment high rad monitor.
  - (4) Liquid release.
  - (5) CAM's.
  - (6) INDIA Team's survey data.
  - (7) HVAC status/conditions.
  - (8) Status of turbine building doors.
  - (9) Status of blow-out panels.