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TO: ~~GERLACH ROSE M~~      09/10/2003  
LOCATION: DOCUMENT CONTROL DESK  
FROM: NUCLEAR RECORDS DOCUMENT CONTROL CENTER (NUCSA-2)  
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

UPDATES FOR HARD COPY MANUALS WILL BE DISTRIBUTED WITHIN 5 DAYS IN ACCORDANCE WITH DEPARTMENT PROCEDURES. PLEASE MAKE ALL CHANGES AND ACKNOWLEDGE COMPLETE IN YOUR NIMS INBOX UPON RECEIPT OF HARD COPY. FOR ELECTRONIC MANUAL USERS, ELECTRONICALLY REVIEW THE APPROPRIATE DOCUMENTS AND ACKNOWLEDGE COMPLETE IN YOUR NIMS INBOX.

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**PROCEDURE CHANGE PROCESS FORM**

1. PCAF NO. 2003-1640 | 2. PAGE 2 OF 6 | 3. PROC. NO. EP-PS-104 REV. 17

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? If YES, enter an Action Item @ NIMS/Action/Gen Work Mech/PICN  YES  NO
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.

**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.

<b><u>MAJOR TASKS:</u></b>	<b><u>TAB:</u></b>	<b><u>REVISION:</u></b>
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	<del>8</del> 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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**MAJOR TASK:**

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Take inventory of information required to analyze the radiological situation.

**SPECIFIC TASKS:**

**HOW:**

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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**

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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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**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.