

May. 24, 2002

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50-387/388

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TRANSMITTAL INFORMATION:

TO: ~~FLAIM*LAUREL B~~ 05/24/2002
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:

101 - 101 - EMERGENCY DIRECTOR (ED)-TSC EMERGENCY
PLAN-POSITION SPECIFIC PROCEDURE

REMOVE MANUAL TABLE OF CONTENTS DATE: 02/27/2002

ADD MANUAL TABLE OF CONTENTS DATE: 05/23/2002

CATEGORY: PROCEDURES TYPE: EP

ID: EP-PS-101

No Table of Contents

No Procedure

Replace contents of Tab 11

UALS WILL BE DISTRIBUTED
CE WITH DEPARTMENT
ALL CHANGES AND
OUR NIMS INBOX UPON

RECEIPT OF HARD COPY. FOR ELECTRONIC MANUAL USERS,
ELECTRONICALLY REVIEW THE APPROPRIATE DOCUMENTS AND
ACKNOWLEDGE COMPLETE IN YOUR NIMS INBOX.

A045

DATE / / TIME TEAM

☐ Extend to _____ Rem

Approved by/date (ED/RM): _____ / _____

ALARA REVIEW

Check ☒

A. PERSON-REM ESTIMATION

- | | |
|---|--|
| <p>_____ 1. Assess the number of workers required.</p> <p>2. Evaluate the use of fewer workers.</p> <p>3. Investigate experience of workers selected.</p> | <p>4. Assure all workers have essential, productive tasks.</p> <p>5. Assure workers have available exposure.</p> <p>6. Evaluate criteria for emergency exposure.</p> |
|---|--|

B. PLANNING

- | | |
|--|---|
| <p>_____ 1. Preplanning meeting with supervisors and/or workers required.</p> <p>2. Access to and exit from work are planned.</p> <p>3. Evaluate staging/setup in accessible low dose rate area.</p> | <p>4. Prefabrication considered.</p> <p>5. Evaluate use of remote handling devices or other special tools.</p> <p>6. Cold equipment "mockups", rehearsals, or other practical exercise.</p> |
|--|---|

C. EXPOSURE REDUCTION CONTROLS

- | | |
|---|---|
| <p>_____ 1. Evaluate need for timekeeping.</p> <p>2. Consider use of water bucket shielding for carrying hot parts.</p> <p>3. Consider use of shielded drums or lead "pigs" for carrying hot parts.</p> <p>4. Consider use of temporary shielding such as lead wool blankets, lead sheets, or lead bricks.</p> <p>5. Consider use of shadow shields utilizing a portable curtain shield.</p> <p>6. System or equipment to be filled with water.</p> | <p>7. System or equipment to be drained and flushed.</p> <p>8. Assess exposure reduction by permitting decay of radiation sources during reactor shutdown or system isolation.</p> <p>9. Assess the need of communication devices such as head sets, TV cameras, others.</p> <p>10. Assess practicality of removing component from radiation area.</p> <p>11. Evaluate use of photographs of "as installed equipment" to aid in worker briefings.</p> |
|---|---|

D. AIRBORNE/CONTAMINATION CONTROL

- | | |
|--|--|
| <p>_____ 1. Assess need for respiratory protection usage against effectiveness of engineering controls.</p> <p>2. Assess individual's history of internal DAC-Hr exposure to airborne contamination.</p> | <p>3. Assess necessity of area decon before commencement of work.</p> <p>4. Containment structure (tent) required.</p> <p>5. Portable ventilation system required.</p> <p>6. Assess need for flooding or draining rooms.</p> <p>7. Assess hot particle or fuel fragment migration.</p> |
|--|--|

Performed by _____

Provided below are the instructions on how to retrieve an individual's occupational exposure information.

1. Log into NIMS, go to RPDPERX screen.
2. Query the individual.
3. Click on DOSE SUMMARIES button.
4. The screen in Figure 1 will appear.
5. The individual's YEAR-TO-DATE (YTD) dose will be provided as 'NRC PERIOD EXPOSURE' for the current calendar year.

The screenshot shows the 'Radiation Protection Management (PPL TATS)' application window. The menu bar includes Action, Edit, Block, Field, Record, Query, Attachments, Window, and Help. The toolbar contains various icons for file operations and data management. The main window is titled 'RPDPERX' and has a 'Dose Summaries' dropdown menu. Below this is a section for 'Person Related Information' with fields for Name, ID, and Type (SSN). A tabbed interface shows 'RAD Clearance', 'Exposure Periods', 'Dose Summaries' (selected), 'Notes', and 'Requests'. The 'Dose Summaries' tab displays a table with columns for MP, Type, DDE (mrem), LDE (mrem), SDE.WB (mrem), SDE.ME (mrem), CEDE (mrem), CDE (mrem), TEDE (mrem), and TODD (mrem). The table contains data for Lifetime Exposure, Lifetime Level, and NRC Period Exposure/Level for the year 2002, including non-SSES and SSES exposure types.

MP	Type	DDE (mrem)	LDE (mrem)	SDE.WB (mrem)	SDE.ME (mrem)	CEDE (mrem)	CDE (mrem)	TEDE (mrem)	TODD (mrem)
	Lifetime Exposure	52	52	62	62	0	0	52	52
	Lifetime Level							45000	
2002	NRC Period Available	2000	12000	40000	40000			2000	2000
2002	NRC Period Exposure	0	0	0	0	0	0	0	0
2002	NRC Period Level	2000	12000	40000	40000			2000	2000
2002	non SSES Exposure								
2002	SSES Exposure	0	0	0	0	0	0	0	0

Identifier for monitoring period
Period 1/2

Figure 1

REACTOR PARAMETERS		Date: _____	
Power APRM A _____ %, IRM A _____ %, SRM A _____ CPS	TIME OF SHUTDOWN _____		
Reactor Water Level _____ inches	ESTIMATED RELEASE TERMINATION _____		
Reactor Pressure _____ PSIG	EMERGENCY CLASSIFICATION _____ TIME _____		
Reactor Temp _____ °F (Recirc. Loop A)	CONTAINMENT RAD LEVEL _____ R/HR		
Drywell Temperature _____ °F	BIG PICTURE Time _____		
Drywell Pressure _____ PSIG			
Suppression Pool Level _____ Ft.			
Suppression Pool Water Temp _____ °F			
Suppression Pool Atmospheric Pressure _____ PSIG	ECCS EQUIPMENT IN SERVICE		
RADIOLOGICAL DATA		Equipment _____	Time _____
Release in Progress ____ Yes ____ No			
Release Type ____ Airborne ____ Liquid			
Release is ____ Monitored ____ Unmonitored			
Release Path _____			
Current Dose Rates at EPB _____ mrem/hr TEDE _____ mrem/hr Thyroid		MAJOR EQUIPMENT OUT OF SERVICE Equipment _____ Time _____	
Current Field Measurement at EPB _____ mrem/hr External _____ Iodine Conc			
Peak Sector (TEDE) _____			
Current Project Dose at EPB _____ mrem/hr TEDE _____ mrem/hr Thyroid			
PPL's Protective Action Recommendation is _____			
State's Protective Action is _____ Implemented at _____			

EMERGENCY EXPOSURE EXTENSIONS

EXTENSION		APPROVAL	ACTIONS
FROM mrem (TEDE)	TO mrem (TEDE)		
2000	4000	ED, RPC, RM, or RSM	ALARA REVIEW
4000	<25000	ED and RPC/RM and RSM	ALL OF ABOVE AND APPLY EMERGENCY EXPOSURE CONSIDERATIONS
>25000		ED and RPC/RM and RSM	ALL OF ABOVE AND BRIEFING ON RISKS

POTASSIUM IODIDE (KI) TRACKING FORM

(Recommended dose: 1 tablet/day = 130 mg)

[illegible]

Approved by: _____
Emergency Director - or - Recovery Manager

Date _____