

Sep. 17, 2003

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

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

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CATEGORY: PROCEDURES TYPE: EP

ID: EP-PS-101

REPLACE: REV:19

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ALARA REVIEW

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A. PERSON-REM ESTIMATION

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| <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> |
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B. PLANNING

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| <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> |
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C. EXPOSURE REDUCTION CONTROLS

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| <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> |
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D. AIRBORNE/CONTAMINATION CONTROL

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| <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> |
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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 displays the 'Radiation Protection Management {PPL TATS}' application. The 'RPDPERX' tab is active, and the 'Dose Summaries' button is highlighted. Below the header, the 'Person Related Information' section shows the individual's name as 'John Doe', ID as '123456789', and SSN as 'SSN'. The 'Dose Summaries' table is displayed below, showing various exposure metrics for the individual.

MP	Type	DOE (mrem)	LDE (mrem)	SDE (mrem)	WDE (mrem)	CEDE (mrem)	COE (mrem)	TEDE (mrem)	TUDE (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

Figure 1