



PECO NUCLEAR

A Unit of PECO Energy

10CFR50, Appendix E

PECO Energy Company
200 Exelon Way
Kennett Square, PA 19348

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Docket Nos. 50-277
50-278
50-352
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NPF-39
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U. S. Nuclear Regulatory Commission
ATTN: Document Control Desk
Washington, DC 20555

Subject: Limerick Generating Station, Units 1 & 2
Peach Bottom Atomic Power Station, Units 2 & 3
Common Nuclear Emergency Response Procedure Revision

Dear Sir/Madam:

Enclosed are the following procedure revisions to the Common Emergency Response Procedures (ERPs) for Peach Bottom Atomic Power Station (PBAPS), Units 2 and 3, and Limerick Generating Station (LGS), Units 1 and 2. These procedures are required to be submitted within thirty (30) days of their revision in accordance with 10CFR50, Appendix E, and 10CFR50.4.

- ERP-C-1300, Revision 10, "Emergency Operations Facility (EOF) Dose Assessment Team Leader"
- ERP-C-1320, Revision 7, "Emergency Operations Facility (EOF) Field Survey Group Leader"
- ERP-C-1320-3, Revision 2, "Field Survey Group Leader Data Sheet"

Also enclosed are copies of computer generated report indexes identifying the latest revisions of the LGS and PBAPS ERPs.

If you have any questions or require additional information, please do not hesitate to contact us.

Very truly yours,

James A. Hutton
Director - Licensing

Attachments

cc: H. J. Miller, Administrator, Region I, USNRC (w/attachment, 2 copies)
A. L. Burritt, USNRC Senior Resident Inspector, LGS (w/attachment)
A. C. McMurtry, USNRC Senior Resident Inspector, PBAPS (w/attachment)

A045

Effective Date: 8/29/00

ERP-C-1300
Rev. 10
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MES/mes

PECO NUCLEAR
PEACH BOTTOM/LIMERICK
EMERGENCY RESPONSE PROCEDURE

ERP-C-1300 EMERGENCY OPERATIONS FACILITY (EOF)
DOSE ASSESSMENT TEAM LEADER

1.0 RESPONSIBILITIES

1.1 The Dose Assessment Team Leader (DATL) is responsible for:

- 1.1.1 Designating an EOF Dose Assessment Lead (DAL) and coordinating and directing the activities of the EOF Dose Assessment Lead (DAL), the Field Survey Group Leader (FSGL), and the HP Support Liaison.
- 1.1.2 Recommending to the Emergency Response Manager (ERM) Protective Action Recommendations (PAR's) based on dose projections.
- 1.1.3 Recommending to the ERM administration of Potassium Iodide (KI) tablets to field teams.
- 1.1.4 Technical liaison with offsite authorities (as directed by the ERM) in matters relating to Health Physics.
- 1.1.5 Ensuring Engineering has assigned a dose assessment interface.
- 1.1.6 Notifying the Dose Assessment Coordinator (DAC) and Shift Dose Assessment Personnel (SDAP) when able to assume dose assessment duties.

1.2 The Dose Assessment Lead is responsible for:

- 1.2.1 Reporting to the Dose Assessment Team Leader (DATL).
- 1.2.2 Reviewing results of calculations and providing results to DATL and Field Survey Group Leader (FSGL).
- 1.2.3 Establishing contact with Engineering Dose Assessment Interface.

1.3 The Dose Assessment Group (DAG) is responsible for:

- 1.3.1 Operating MESOREM in accordance with Emergency Response Procedures.

- 1.3.2 Obtaining necessary MESOREM input data from the Emergency Preparedness Data System (EPDS) including:
 - 1.3.2.1 Radiation readings, flow rates, and current meteorological information.
- 1.3.3 Performing Dose Assessment Calculations.
- 1.3.4 Reviewing results of calculations for accuracy and completeness.
- 1.4 The Health Physics Support Liaison (HPSL) is responsible for:
 - 1.4.1 Providing HP Support when directed by the DATL.

NOTE

NRC WILL REQUEST INITIATION OF HPN COMMUNICATIONS

- 1.4.2 The HPSL is responsible for communicating on the Health Physics Network (HPN) to the NRC for dose projections.

2.0 INITIAL ACTIONS

2.1 DATL shall:

- 2.1.1 Complete initial activation using Exhibit ERP-C-1300-1, "Dose Assessment Team Leader Initial Actions".

NOTE

AFTER TURNOVER, TSC DOSE ASSESSMENT COORDINATOR/ SHIFT DOSE ASSESSMENT PERSONNEL REMAIN AS A RESOURCE OF DOSE ASSESSMENT.

- 2.1.2 **WHEN** Emergency Response Manager, Emergency Director and Dose Assessment Team Leader concur that the EOF Dose Assessment Group is ready to assume control
THEN inform the (TSC) Dose Assessment Coordinator and Shift Dose Assessment personnel that the EOF Dose Assessment Group is assuming dose assessment duties, and complete Exhibit ERP-C-1300-2, "Dose Assessment Turnover Sheet".
- 2.1.3 Review the results of all dose calculations.

- 2.1.3.1 **IF** MESOREM, Jr. EAL Summary provided is "Declare General Emergency"
THEN inform ERM IMMEDIATELY.

NOTE

THE DATL SHOULD ALWAYS BE PREPARED WITH PAR SECTORS AND A SUGGESTED PAR FOR THE ERM BASED ON FIELD MEASUREMENT OR CALCULATIONS BASED ON RELEASE RATES. PAR BASIS IS DISCUSSED IN EXHIBIT ERP-C-1300-5, "DETERMINATION OF PROTECTIVE ACTION RECOMMENDATIONS".

- 2.1.3.2 **IF** a General Emergency is declared,
THEN determine dose assessment PAR,
complete all information on Part 1 of
Exhibit ERP-1300-3, "Protective Action
Recommendation Worksheet", and forward to
the ERM.

NOTE

FOR PBAPS, PROVIDE ADULT THYROID CDE TO ERM FOR THE STATE OF MARYLAND.

- A. **IF** changing met or rad conditions cause any information on a previously completed Exhibit ERP-C-1300-3, "Protective Action Recommendation Worksheet" to be incomplete or incorrect
THEN complete a new Exhibit ERP-C-1300-3, "Protective Action Recommendation Worksheet" and forward to ERM.
- B. **IF** conditions exists that indicate a PAG is exceeded at the EPZ boundary or field survey measurements identify that a PAG is exceeded outside of the EPZ boundary,
THEN include a PAR based on information from all sources for areas outside of the EPZ on ERP-C-1300-3, "Protective Action Recommendation Worksheet", and forward to the ERM.

NOTE

THE FOLLOWING PROTECTIVE MEASURE SHOULD BE CONSIDERED AFTER RELEASE PATH SAMPLE OR FIELD DATA VERIFIES THE PRESENCE OF IODINE.

- 2.1.4 IF projected iodine deposition $>0.13 \mu\text{Ci}/\text{m}^2$ (1.5 Rem thyroid ingestion dose)
THEN request ERM to recommend to state(s) to shelter lactating animals and put them on stored feed and water.
- 2.1.5 IF radioactive liquid release has occurred
THEN direct DAG to perform liquid dose calculations per site specific ERP-315 (PBAPS) or ERP-300-12 (LGS).
- 2.1.6 Stay informed of Field Survey Team evolutions.
- 2.1.7 Inform the Field Survey Group Leader of dose ratio value.

$$\text{Dose Ratio value} = \frac{\text{ExDE} + \text{CEDE}}{\text{ExDE}}$$

NOTE

THE DOSE RATIO FROM MESOREM IS AN APPROXIMATION ONLY. GIVE THE STATE THE LARGEST DOSE RATIO FROM PAGE 1 OF MESOREM PRINTOUT WHEN A PAR IS ISSUED.

- 2.1.8 Provide release and meteorological data to Pennsylvania State representatives at EOF in 15 minute intervals. If affected site is Peach Bottom, also provide this data to Maryland State Representatives.
- 2.1.9 IF requested by the NRC
THEN ensure that HP Support Liaison contacts the NRC via the HPN (CM-1).
- 2.2 DAL shall:
- 2.2.1 Complete initial activation using Exhibit ERP-C-1300-6, "Dose Assessment Group Initial Actions".
- 2.2.2 Obtain name of dose assessment interface from the ESC.

- 2.2.2.1 Contact dose assessment interface and obtain ERP-C-1400-1, Engineering Support Team Checklist.
- 2.2.3 Instruct DAG member to obtain data necessary to perform dose calculations.
 - 2.2.3.1 Consult Exhibit ERP-C-1300-7, "Obtaining Emergency Preparedness Data System Met/Rad Data" for instructions using the EPDS System.
 - 2.2.3.2 IF EPDS Met/Rad Data unavailable THEN request Met/Rad parameters from SDAP or TSC Dose Assessment Coordinator.
- 2.2.4 Discuss the following with the DAC or SDAP.
 - 2.2.4.1 Previous dose projections performed.
 - 2.2.4.2 Present readiness status of the Dose Assessment Group.

NOTE

GUIDANCE IN USE OF MODE "A" VS. MODE "B" IS IN EXHIBIT ERP-C-1300-8, ONLY MODE "A" SHALL BE USED FOR EMERGENCY CLASSIFICATIONS.

- 2.2.5 Ensure that Dose Assessment System (DAS) computers and printers are operating and supplies are available.

NOTE

IF IN AUTOMODE "A", ALWAYS CHOOSE THE DEFAULT 15 MINUTE AVERAGE OPTION.

- 2.2.6 **IF** a radioactive airborne release in excess of Tech Spec allowable limits is in progress, **THEN** ensure performance of Class A/B dose projections using the DAS. **IF NOT** and drywell radiation levels are elevated **THEN** estimate potential release consequences using "Estimate Source Term" option of the DAS.
 - 2.2.6.1 Review the results of all dose projections for accuracy, timeliness and adequacy to include:

- A. Verification of source data,
 - B. Verification of input to DAS,
 - C. Evaluation of output of DAS,
 - D. Correct DAS input based on resolution of discrepancies, if required.
- 2.2.6.2 Assure that dose projections are performed whenever radiological or meteorological conditions change.
- 2.2.7 Inform the FSGL of:
- 2.2.7.1 Stability class.
 - 2.2.7.2 Magnitude of release.
 - 2.2.7.3 Wind speed and direction.
- 2.2.8 Using Exhibit ERP-C-1300-9, "Obtaining Met Data from National Weather Service", contact the National Weather Service, identify yourself, and request long range forecast.
- 2.3 Dose Assessment Group members shall:
- 2.3.1 Perform initial setup:

NOTE

DETAILED OPERATING INSTRUCTIONS ARE FOUND IN THE MESOREM JR. USERS MANUAL.

- 2.3.1.1 Logon to the DAS and select the affected site.
 - a. PASSWORD: EOF
 - USERID: 333333
- 2.3.1.2 Post initial data on Dose Assessment Status Boards.
- 2.3.2 Review completion of activation steps using Exhibit ERP-C-1300-6, "Dose Assessment Group Initial Actions".
- 2.3.3 Run a dose projection to establish initial projection doses and plume touchdown location.

2.4 HP Support Liaison shall:

2.4.1 Obtain briefing from the DATL.

2.4.2 Contact the NRC via the HPN phone as requested by NRC.

3.0 CONTINUING ACTIONS

3.1 Dose Assessment Team Leader shall:

3.1.1 Coordinate with the FSGL to confirm dose projections using actual field data, and attempt to resolve any inconsistencies that may arise.

3.1.1.1 **IF** informed by FSGL that offsite radioiodine concentrations $>2.6 \times 10^{-6}$ $\mu\text{Ci/cc}$ exist
THEN immediately inform ERM of General Emergency condition.

3.1.1.2 **IF** offsite dose projections or dose indicates

a. Offsite Dose ≥ 1000 mRem or measured $>1000\text{mR/hr}$

OR

b. Offsite Child Thyroid Committed Dose Equivalent ≥ 5000 mRem

THEN immediately inform ERM of General Emergency condition.

3.1.2 Continue to evaluate plant and meteorological conditions and dose projections for their impact on:

3.1.2.1 PAR's

3.1.2.2 Emergency classification.

3.1.2.3 Protective measures for the ingestion pathway.

NOTE

ONLY USE MODE "A" FOR DETERMINING EAL/PAR.

- 3.1.3 Direct mode "B" calculations to evaluate for more realistic calculations based on variable conditions.
- 3.1.4 Periodically brief the ERM on status of Dose Assessment Team operations.
- 3.1.5 Periodically brief the FSGL and DAG on plant status and ongoing response efforts.
- 3.1.6 **IF** Field Survey Team member exceeds or is projected to exceed 950 DAC-hr Iodine **THEN** refer to Site Specific ERP-680 (PBAPS) or ERP-660 (LGS) for instructions **AND** inform the Dose Assessment Coordinator and ERM of request for KI administration.

NOTE

POST ACCIDENT ENVIRONMENTAL SAMPLING IS A RECOVERY PHASE FUNCTION THAT WILL BE INITIATED IN CONJUNCTION WITH STATE EFFORTS.

- 3.1.7 Request the Chemistry Team Leader (TSC) to perform and analyze in-plant/on-site samples as needed. Consider performing analysis of release to determine isotopic mix for input into Mesorem, Jr.
- 3.1.8 **IF** offsite analysis is requested, contact off-site laboratories by referring to Exhibit ERP-C-1300-4, "Offsite Sample Analysis Requests".
 - 3.1.8.1 **IF** Pool Inventory Management Cask is necessary **THEN** coordinate request thru Logistics Support Coordinator (LSC).
- 3.1.9 **IF** site affected is Limerick **AND** Wide Range Accident Monitor (WRAM) data is not available **AND** North Stack sampling is limited by dose **THEN** request assistance from HPTL in performance of Estimation of Source Term using North Stack Dose Rate.

NOTE

ADVISE BRP AT (717) 787-2480 BEFORE REQUESTING OFFSITE SURVEY SUPPORT

- 3.1.10 IF necessary, contact Brookhaven National Laboratory at (516) 282-2200 and request offsite radiation survey support.

NOTE

EACH TRAIN OF SGTS HAS BEEN DESIGNED TO BE MORE THAN ADEQUATE FOR ABSORPTION OF ALL EXPECTED IODINE. FOR MORE INFORMATION, REFER TO PIMS EWR A0659758.

- 3.1.11 Consider loading capacity of SGTS filters for extended releases.

NOTE

THE FOLLOWING PROTECTIVE MEASURE SHOULD BE CONSIDERED ONLY AFTER FIELD SURVEY DATA IS RECEIVED AND VERIFIED TO CONTAIN IODINE.

- 3.1.12 IF Field survey measurement indicates iodine and the projected deposition is $>1.3 \mu\text{Ci}/\text{m}^2$ (15 Rem thyroid ingestion dose) THEN request ERM to recommend to state(s) to:
- a. Isolate contaminated food products and prevent introduction into commerce.
 - b. Determine whether condemnation or other disposition is appropriate after consideration of food products in question.
- 3.2 Dose Assessment Group shall perform the following calculations as required or requested by the DATL.
- 3.2.1 Class A model calculation for information on plume exposure.
- 3.2.1.1 Back calculate option on main menu to evaluate source term based on field readings.
- 3.2.1.2 Radioactive liquid release.
- 3.3 The DAL shall ensure all completed dose calculations are reviewed for data entry accuracy and completeness.
- 3.4 IF dose projections indicate a release has or will result in off-site doses above background levels, THEN the DAL shall advise the DATL to dispatch Field Survey Teams (if teams have not already been dispatched).

- 3.5 DAL shall coordinate activities with FSGL including:
- 3.5.1 Ensure that field verification surveys,
 - 3.5.2 Information on tracking plume,
 - 3.5.3 Discussion of differences between field survey results and projections,
 - 3.5.4 Discussion of additional field survey measurements and,

NOTE

TPARD dose equals external dose and CEDE from inhalation and 4 day's shine dose from ground deposition. TPARD is the dose value when considering offsite dose. (TPARD = ED+CEDE+4 DAY)

- 3.6 The DAL shall forward dose projection results to DATL, particularly if:
- 3.6.1 Projected TPARD dose ≥ 1000 mrem.
 - 3.6.2 Projected child thyroid Committed Dose Equivalent ≥ 5000 mrem.
 - 3.6.3 Projected skin dose $\geq 50,000$ mrem.
 - 3.6.4 Projected iodine deposition $> 0.13 \mu\text{Ci}/\text{m}^2$.
 - 3.6.5 Inform the FSGL if the DAS Dose Ratio is > 1 .
- 3.7 DAL ensures that Dose Assessment Status Boards is updated.
- 3.8 HP Support Liaison shall:
- 3.8.1 Serve as communicator on the HPN phone as requested by NRC.
- 4.0 FINAL CONDITIONS
- 4.1 The ERM has determined that Dose Assessment and HP Support functions are no longer required.
 - 4.2 Ensure that all instrumentation is operative and returned to its initial status to maintain future dose assessment readiness.
 - 4.3 The EOF has been deactivated.

4.4 Submit all paperwork and logbooks to the Emergency Preparedness Coordinator.

5.0 ATTACHMENTS AND APPENDICES

- 5.1 Exhibit ERP-C-1300-1, "Dose Assessment Team Leader Initial Actions"
- 5.2 Exhibit ERP-C-1300-2, "Dose Assessment Team Leader Turnover List"
- 5.3 Exhibit ERP-C-1300-3, "Protective Action Recommendation Worksheet"
- 5.4 Exhibit ERP-C-1300-4, "Offsite Sample Analysis Requests"
- 5.5 Exhibit ERP-C-1300-5, "Determination of Protective Action Recommendations"
- 5.6 Exhibit ERP-C-1300-6, "Dose Assessment Group Initial Actions"
- 5.7 Exhibit ERP-C-1300-7, "Obtaining Met data from the National Weather Service"
- 5.8 Exhibit ERP-C-1300-8, "Obtaining EPDS Met/Rad Data"
- 5.9 Exhibit ERP-C-1300-9, "Use of Mode A/Mode B of DAS"

6.0 SUPPORTING INFORMATION

6.1 PURPOSE

- 6.1.1 To identify the responsibilities and activities of the EOF Dose Assessment Team (CM-2).

6.2 CRITERIA FOR USE

- 6.2.1 Alert declaration.
- 6.2.2 The Emergency Operations Facility Dose Assessment Group has been staffed.

6.3 SPECIAL EQUIPMENT

NONE

6.4 REFERENCES

- 6.4.1 NUREG-0654, "Criteria for the Preparation and Evaluation of Radiological Emergency Response Plans and Preparedness in Support of Nuclear Power Plants."

- 6.4.2 Nuclear Emergency Plan.
 - 6.4.3 MESOREM User's and Technical Manuals
 - 6.4.4 ERP-C-1320, "EOF Field Survey Group Leader"
 - 6.4.5 ERP-C-1400, "Engineering Support Team"
 - 6.4.6 ERP-300, "TSC/MCR Dose Assessment Team" (LGS).
 - 6.4.7 ERP-315, "Operation of the Dose Assessment Computer" (PBAPS)
 - 6.4.8 ERP-301, "Dose Assessment Coordinator (DAC)" (PBAPS).
 - 6.4.9 ERP-680, "Control of Thyroid Blocking Potassium Iodide (KI) Tablets" (PBAPS)
 - 6.4.10 ERP-660, "Distribution of Thyroid Blocking Tablets" (LGS)
 - 6.4.11 ERP-360, "Adjustment of Wide Range Gas Monitor Conversion Factors" (LGS)
 - 6.4.12 Regulatory Guide 1.109, "Calculation of annual doses to man from routine releases of reactor effluents for the purpose of evaluation compliance with 10CFR50, Appendix I."
 - 6.4.13 Evacuation Time Estimate for the Peach Bottom Plume Exposure Pathway Emergency Planning Zone, September 1989, prepared by HMM Associates, Concord, Massachusetts.
 - 6.4.14 Development of Evacuation Time Estimates for the Limerick Generating Station Executive Summary, by KLD Associates, Inc., Huntington Station, N.Y., and SE Technologies, Inc., Harrisburg, PA.
 - 6.4.15 EPA-400-R-92-001.
 - 6.4.16 PIMS EWR A0659758.
- 6.5 COMMITMENT ANNOTATIONS
- 6.5.1 **CM-1**, letter to NRC dated 12/15/88 (PIMS T00322).
 - 6.5.2 **CM-2**, Dose Assessment Emergency Response Organization Reorganization (PIMS T03323).

Effective Date: 8/29/00

PECO NUCLEAR
PEACH BOTTOM/LIMERICK
EMERGENCY RESPONSE PROCEDURE

ERP-C-1320 EMERGENCY OPERATIONS FACILITY (EOF)
FIELD SURVEY GROUP LEADER

1.0 RESPONSIBILITIES

1.1 The Field Survey Group Leader (FSGL) is responsible for:

- 1.1.1 Directing the activities of the Field Survey Teams.
- 1.1.2 Coordinating with the Dose Assessment Team Leader (DATL) on field team activities.
- 1.1.3 Interfacing with Dose Assessment Lead (DAL) on dose assessment calculations.

2.0 INITIAL ACTIONS

2.1 FSGL shall:

- 2.1.1 Complete Exhibit ERP-C-1320-1, "Field Survey Group Leader Initial Actions".
- 2.1.2 Complete Exhibit ERP-C-1320-2, "Field Survey Group Leader Turnover Sheet".
- 2.1.3 Receive turnover of responsibility for field survey from the Dose Assessment Coordinator.

3.0 CONTINUING ACTIONS

3.1 Field Survey Group Leader shall:

- 3.1.1 Maintain awareness of plant conditions.
 - 3.1.1.1 Provide status updates to the Field Survey Teams on the following:
 - a. Radiological Conditions
 - b. Meteorological Conditions
 - c. Plant Conditions
 - d. Team placement with respect to plume.
- 3.1.2 Inform DATL of significant field survey evolutions.

- 3.1.3 Direct activities of the Field Survey Teams.
 - 3.1.3.1 Select monitoring locations.
 - 3.1.3.2 Maintain communication with field survey teams.
 - 3.1.3.3 Record data on Exhibit ERP-C-1320-3, "Field Survey Group Leader Data Sheet".
 - 3.1.3.4 Update information on status boards in the FSG area.
- 3.1.4 Inform DATL of results from field surveys, particularly where:
 - 3.1.4.1 Actual readings differ significantly from expected (projected) values.
 - 3.1.4.2 Field survey meter reading equals or exceeds 1000 mR/hr closed window.
 - 3.1.4.3 Field radioiodine concentration equals or exceeds 2.6×10^{-6} $\mu\text{Ci/cc}$.

NOTE: MAINTAINING PERSONNEL SAFETY - MAINTAINING DOSES ALARA, ADMINISTRATION OF KI, ETC., SHOULD BE THE FIRST PRIORITY OF FIELD SURVEY.

- 3.1.5 **IF** informed by Field Survey Team that DAC-hr >850 DAC-hr.
OR dose projections indicate that team DAC-hr may reach 950 DAC-hr
THEN arrange for relief team dispatch.
OR request DATL to initiate process for KI administration per site specific ERP-680 (PBAPS) or ERP-660 (LGS).

NOTE: TEDE CAN BE ESTIMATED FROM DRD READINGS USING DOSE RATIO FROM MESOREM JR. PROJECTIONS.

$$\text{TEDE} = \text{DRD} \times \text{DOSE RATIO}$$

- 3.1.6 Inform field survey teams of projected dose ratio value.

- 3.1.7 **IF** informed by Field Survey Teams that dose exceeds 75% of authorized level
THEN arrange for relief field team dispatch through DATL
OR initiate dose extension per site specific procedure, ERP-680 (PBAPS) and ERP-660 (LGS).
- 3.1.8 **IF** the affected site is LGS
AND isotopic scan results of field air sample are available
THEN calculate efficiency factor using the following equation
AND transmit to Field Survey Teams for use in later air sample calculations.
- $$\text{Eff Factor} = \frac{\text{Estimated Concentration}}{\text{Actual Concentration}}$$
- 3.1.9 **IF** Field Survey Team members or vehicles become contaminated,
THEN inform the Health Physics Team Leader through DATL.

4.0 FINAL CONDITIONS

- 4.1 The ERM has determined that Dose Assessment and HP Support functions are no longer required.
- 4.2 The EOF has been deactivated.
- 4.3 Submit all paperwork and logbooks to the Emergency Preparedness Coordinator.

5.0 ATTACHMENTS AND APPENDICES

- 5.1 Exhibit ERP-C-1320-1, "Field Survey Group Leader Initial Actions".
- 5.2 Exhibit ERP-C-1320-2, "Field Survey Group Leader Turnover Sheet".
- 5.3 Exhibit ERP-C-1320-3, "Field Survey Group Leader Data Sheet".

6.0 SUPPORTING INFORMATION

6.1 PURPOSE

- 6.1.1 To identify the responsibilities and activities of the EOF Field Survey Group. (CM-1)

6.2 CRITERIA FOR USE

- 6.2.1 The Emergency Operations Facility Dose Assessment Team has been staffed.

6.3 SPECIAL EQUIPMENT

None

6.4 REFERENCES

- 6.4.1 NUREG-0654, "Criteria for the Preparation and Evaluation of Radiological Emergency Response Plans and Preparedness in Support of Nuclear Power Plants."
- 6.4.2 Nuclear Emergency Plan
- 6.4.3 ERP-340, "Field Survey Group"
- 6.4.4 Regulatory Guide 1.109, "Calculation of Annual Doses to Man from Routine Releases of Reactor Effluents for the Purpose of Evaluating Compliance with 10CFR50", Appendix I.
- 6.4.5 ERP-680, "Control of Thyroid Blocking Potassium Iodide (KI) Tablets".
- 6.4.6 ERP-660, "Distribution of Thyroid Blocking Tablets (LGS)".

6.5 COMMITMENT ANNOTATIONS

- 6.5.1 CM-1, Dose Assessment Emergency Response Organization Reorganization (PIMS T03323).

8/29/00

Effective Date

DATE _____

FSGL _____

FIELD SURVEY GROUP LEADER DATA SHEET

DATA NUMBER

SURVEY NUMBER	1								
SURVEY LOCATION	2								
TIME OF SURVEY	3								
OPEN WINDOW mR/hr	4								
CLOSED WINDOW mR/hr*	5								
CONTAMINATION cpm	6								
	6								
IODINE CONCENTRATION uCi/cc*	7								
THYROID DOSE RATE mR/hr (PBAPS ONLY)	8								
TEDE/HOUR (mr/hr)	9								
DOSE RATIO (OBTAIN FROM DAL)									
TOTAL TEDE (H.P.)									
TOTAL TEDE (DRIVER)									

* IF CLOSED WINDOW >1000 mR/hr OR IODINE CONCENTRATION 2.6×10^{-6} , NOTIFY DOSE ASSESSMENT TEAM LEADER IMMEDIATELY.

* IF TOTAL DOSE EXCEEDS 75% OF CURRENT AUTHORIZED EXPOSURE, NOTIFY DATL.

PROCEDURE INDEX REPORT:

FAC	DOC TYPE	PROC TYPE	PROCEDURE NUMBER	CURR REV NBR	TITLE	EFFECTIVE DATE	RESP GROUP	SYSTEM NBR
LG	PROC	ERP	ERP-C-1000	0005	EMERGENCY OPERATIONS FACILITY (EOF) ACTIVATION/DEACTIVATION	04/21/99		
LG	PROC	ERP	ERP-C-1000-1	0002	EOF ACTIVATION CHECKLIST	04/21/99		
LG	PROC	ERP	ERP-C-1000-2	0003	EOF DEACTIVATION CHECKLIST	04/21/99		
LG	PROC	ERP	ERP-C-1000-3	0000	EOF BUSINESS HOURS FIRST RESPONDER CHECKLIST	04/21/99		
LG	PROC	ERP	ERP-C-1000-4	0000	EOF AFTER HOURS FIRST RESPONDER CHECKLIST	04/21/99		
LG	PROC	ERP	ERP-C-1100	0003	EOF STAFF AUGMENTATION INCORPORATED INTO ERP-C-1250	09/14/94		
LG	PROC	ERP	ERP-C-1200	0009	EMERGENCY RESPONSE MANAGER	04/03/00	LWE	
LG	PROC	ERP	ERP-C-1200-1	0000	EMERGENCY RESPONSE MANAGER TURNOVER/BRIEFING FORM	09/14/94		
LG	PROC	ERP	ERP-C-1200-2	0000	PROTECTIVE ACTION RECOMMENDATION WORKSHEET CANCELLED	10/24/95		
LG	PROC	ERP	ERP-C-1200-3	0000	ERM PAR DELIVERY CHECKLIST	04/03/00		
LG	PROC	ERP	ERP-C-1210	0002	ASSISTANT EMERGENCY RESPONSE MANAGER (AERM) CANCELLED	10/24/95		
LG	PROC	ERP	ERP-C-1250	0003	EMERGENCY PREPAREDNESS COORDINATOR/EOF	11/02/98		
LG	PROC	ERP	ERP-C-1250-1	0000	EMERGENCY POWER INSTRUCTIONS	09/14/94		
LG	PROC	ERP	ERP-C-1250-2	0001	EMERGENCY PREPAREDNESS COORDINATOR INSTRUCTIONS FOR ASPEN BACKUP NOTIFICATION SYSTEM	04/02/98		
LG	PROC	ERP	ERP-C-1250-3	0000	EMERGENCY PREPAREDNESS COORDINATOR INSTRUCTIONS TO STOP STAFFING	09/14/94		
LG	PROC	ERP	ERP-C-1250-4	0000	EMERGENCY PREPAREDNESS COORDINATOR INSTRUCTIONS FOR SYSTEM RESET	09/14/94		
LG	PROC	ERP	ERP-C-1300	0010	EMERGENCY OPERATIONS FACILITY (EOF) DOSE ASSESSMENT TEAM LEADER	08/29/00		
LG	PROC	ERP	ERP-C-1300-1	0003	DOSE ASSESSMENT TEAM LEADER INITIAL ACTIONS	04/03/00		
LG	PROC	ERP	ERP-C-1300-2	0000	DOSE ASSESSMENT TURNOVER LIST	09/23/94		
LG	PROC	ERP	ERP-C-1300-3	0003	PROTECTIVE ACTION RECOMMENDATION WORKSHEET	11/02/98		
LG	PROC	ERP	ERP-C-1300-4	0000	OFFSITE SAMPLE ANALYSIS REQUESTS	09/23/94		
LG	PROC	ERP	ERP-C-1300-5	0001	DETERMINATION OF PROTECTIVE ACTION RECOMMENDATIONS (PARS)	11/02/98		
LG	PROC	ERP	ERP-C-1300-6	0001	DOSE ASSESSMENT GROUP INITIAL ACTIONS	04/10/98		
LG	PROC	ERP	ERP-C-1300-7	0000	OBTAINING EPDS MET/RAD DATA	03/26/97		
LG	PROC	ERP	ERP-C-1300-8	0000	USE OF MODE A/MODE B CDM	03/26/97		
LG	PROC	ERP	ERP-C-1300-9	0001	OBTAINING MET DATA FROM NATIONAL WEATHER SERVICE	09/12/97		
LG	PROC	ERP	ERP-C-1310	0003	EMERGENCY OPERATIONS FACILITY (EOF) DOSE ASSESSMENT GROUP CANCELLED	03/26/97		
LG	PROC	ERP	ERP-C-1310-1	0000	DOSE ASSESSMENT GROUP LEADER INITIAL ACTIONS CANCELLED	03/26/97		
LG	PROC	ERP	ERP-C-1310-2	0000	OBTAINING MET DATA FROM NATIONAL WEATHER SERVICE CANCELLED	03/26/97		
LG	PROC	ERP	ERP-C-1310-3	0000	OBTAINING EPDS MET/RAD DATA CANCELLED	03/26/97		
LG	PROC	ERP	ERP-C-1310-4	0000	USE OF MODE A / MODE B OF CDM CANCELLED	03/26/97		
LG	PROC	ERP	ERP-C-1320	0007	EMERGENCY OPERATIONS FACILITY (EOF) FIELD SURVEY GROUP LEADER	08/29/00		
LG	PROC	ERP	ERP-C-1320-1	0002	FIELD SURVEY GROUP LEADER INITIAL ACTIONS	04/10/98		
LG	PROC	ERP	ERP-C-1320-2	0001	FIELD SURVEY GROUP LEADER TURNOVER SHEET	03/26/97		
LG	PROC	ERP	ERP-C-1320-3	0002	FIELD SURVEY GROUP LEADER DATA SHEET	08/29/00		
LG	PROC	ERP	ERP-C-1400	0004	ENGINEERING SUPPORT TEAM	11/02/98		
LG	PROC	ERP	ERP-C-1400-1	0002	ENGINEERING SUPPORT TEAM CHECKLIST	11/02/98		
LG	PROC	ERP	ERP-C-1410	0002	CORE DAMAGE ASSESSMENT	09/09/98		

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FAC	DOC TYPE	PROC TYPE	PROCEDURE NUMBER	CURR REV NBR	TITLE	EFFECTIVE DATE	RESP GROUP	SYSTEM NBR
LG	PROC	ERP	ERP-C-1410-1	0000	RADIOLOGICAL DATA	09/14/94		
LG	PROC	ERP	ERP-C-1410-2	0001	HYDROGEN CONCENTRATION DATA	09/09/98		
LG	PROC	ERP	ERP-C-1410-3	0001	CONTAINMENT RADIATION MONITOR DATA	09/09/98		
LG	PROC	ERP	ERP-C-1410-4	0000	METAL WATER REACTION CANCELLED	09/09/98		
LG	PROC	ERP	ERP-C-1410-5	0001	PERCENT OF FUEL INVENTORY AIRBORNE IN THE CONTAINMENT VS. APPROXIMATE SOURCE AND DAMAGE ESTIMATE	09/09/98		
LG	PROC	ERP	ERP-C-1410-6	0001	PROCEDURES FOR ESTIMATING FUEL DAMAGE BASED ON MEASURED I-131 AND XE-133 CONCENTRATIONS	09/09/98		
LG	PROC	ERP	ERP-C-1500	0006	LOGISTIC SUPPORT TEAM	04/14/00		
LG	PROC	ERP	ERP-C-1500-1	0001	MESSAGE AND INFORMATION INSTRUCTIONS	10/24/95		
LG	PROC	ERP	ERP-C-1500-2	0001	HELICOPTER LANDING INFORMATION	10/24/95		
LG	PROC	ERP	ERP-C-1900	0004	RECOVERY PHASE IMPLEMENTATION	11/02/98		
LG	PROC	ERP	ERP-C-1900-1	0000	RECOVERY PHASE IMPLEMENTATION FLOW CHART	06/28/93		
LG	PROC	ERP	ERP-C-1900-2	0002	PEACH BOTTOM ATOMIC POWER STATION RECOVERY ACCEPTANCE CHECKLIST	04/02/98		
LG	PROC	ERP	ERP-C-1900-3	0002	LIMERICK GENERATING STATION RECOVERY ACCEPTANCE CHECKLIST	04/02/98		
LG	PROC	ERP	ERP-C-1900-4	0002	RECOVERY PLAN OUTLINE	04/02/98		
LG	PROC	ERP	ERP-C-1900-5	0002	ASSESSMENT CONSIDERATIONS	12/28/99		
LG	PROC	ERP	ERP-101	0011	CLASSIFICATION OF EMERGENCIES	09/14/99	LWE	
LG	PROC	ERP	ERP-101 BASES	0000	LGS EAL TECHNICAL BASIS MANUAL	09/16/99		
LG	PROC	ERP	ERP-106	0003	WRITTEN SUMMARY NOTIFICATION	11/22/95	LWE	
LG	PROC	ERP	ERP-110	0031	EMERGENCY NOTIFICATION	06/19/00	LWE	
LG	PROC	ERP	ERP-120	0006	STATION EVACUATIONS	11/14/97	LWE	
LG	PROC	ERP	ERP-140	0009	STAFFING AUGMENTATION	02/03/98	LWE	
LG	PROC	ERP	ERP-200	0013	EMERGENCY DIRECTOR (ED) RESPONSE	06/20/00	LWE	
LG	PROC	ERP	ERP-200-1 APP	0010	EMERGENCY NOTIFICATION MESSAGE FORM	10/05/98	LWE	
LG	PROC	ERP	ERP-200-2 APP	0000	DOSE ASSESSMENT DATA SHEET	06/20/00		
LG	PROC	ERP	ERP-230	0014	OPERATIONS SUPPORT CENTER (OSC) DIRECTOR	04/14/00	LWE	
LG	PROC	ERP	ERP-230 APPENDIX 1	0000	OSC - EMERGENCY COMMUNICATIONS EQUIPMENT CHECK LIST	04/14/00		
LG	PROC	ERP	ERP-230 APPENDIX 2	0000	OSC DIRECTOR ACTIVATION CHECK-OFF LIST	04/14/00		
LG	PROC	ERP	ERP-230 APPENDIX 3	0000	OPERATIONS SUPPORT CENTER FACILITY ACCOUNTABILITY LOG	04/14/00		
LG	PROC	ERP	ERP-230 APPENDIX 4	0000	OSC DIRECTOR ACTIVATION	04/14/00		
LG	PROC	ERP	ERP-300	0022	TSC/MCR DOSE ASSESSMENT TEAM	04/03/00	LWE	
LG	PROC	ERP	ERP-300 APPENDIX 1	0000	DOSE ASSESSMENT TEAM ACTIVATION	04/03/00		
LG	PROC	ERP	ERP-300 APPENDIX 2	0000	DOSE ASSESSMENT TEAM CHECK-OFF LIST	04/03/00		
LG	PROC	ERP	ERP-300 APPENDIX 3	0001	TURNOVER OF DOSE ASSESSMENT RESPONSIBILITIES	06/19/00		
LG	PROC	ERP	ERP-300 APPENDIX 4	0000	DOSE ASSESSMENT DATA SHEET	04/03/00		
LG	PROC	ERP	ERP-300 APPENDIX 5	0000	USE OF MESOREM, JR, AUTO MODE A	04/03/00		
LG	PROC	ERP	ERP-300 APPENDIX 6	0000	OBTAINING RADIOLOGICAL DATA	04/03/00		
LG	PROC	ERP	ERP-300 APPENDIX 7	0000	OBTAINING MET DATA FROM PLANT MONITORING SYSTEM (PMS)	04/03/00		
LG	PROC	ERP	ERP-300 APPENDIX 8	0000	OBTAINING METEROLOGICAL DATA FROM NATIONAL WEATHER SERVICE	04/03/00		
LG	PROC	ERP	ERP-300 APPENDIX 9	0001	PROTECTIVE ACTION WORKSHEET	06/19/00		
LG	PROC	ERP	ERP-300 APPENDIX 10	0000	USE OF NORTH STACK DOSE RATE TO ESTIMATE RELEASE SOURCE TERM	04/03/00		
LG	PROC	ERP	ERP-300 APPENDIX 11	0000	OPERATION OF IBM PS/2 MODEL L40SX	04/03/00		
LG	PROC	ERP	ERP-300 APPENDIX 12	0000	LIMERICK LIQUID RELEASE DOSE CALCULATIONS	04/03/00		
LG	PROC	ERP	ERP-300 APPENDIX 13	0000	DOSE ASSESSMENT SELF-CHECK	04/03/00		
LG	PROC	ERP	ERP-300 APPENDIX 14	0000	STABILTY CLASS DETERMINATION	04/03/00		
LG	PROC	ERP	ERP-316	0000	OPERATION OF THE DOSE ASSESSMENT COMPUTER (CM-4)	06/20/00		
LG	PROC	ERP	ERP-326	0000	SHIFT DOSE ASSESSMENT PERSONNEL (SDAP)	06/20/00		
LG	PROC	ERP	ERP-330	0000	USE OF NORTH STACK-DOSE RATE TO ESTIMATE RELEASE SOURCE TERM	11/14/94	LWE	

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FAC	DOC TYPE	PROC TYPE	PROCEDURE NUMBER	CURR REV NBR	TITLE	EFFECTIVE DATE	RESP GROUP	SYSTEM NBR
LG	PROC	ERP	ERP-330	0000	CANCELLED INCORPORATED INTO ERP-300 APP.10	11/14/94	LWE	
LG	PROC	ERP	ERP-340	0008	FIELD SURVEY GROUP	06/20/00	LWE	
LG	PROC	ERP	ERP-350	0003	RADIOACTIVE LIQUID RELEASE CANCELLED	11/10/94	LWE	
LG	PROC	ERP	ERP-360	0003	ADJUSTMENT OF WIDE RANGE GAS MONITOR CONVERSION FACTORS	10/18/99	LWE	
LG	PROC	ERP	ERP-370	0001	USE OF RMMS FOR DOSE ASSESSMENT CANCELLED	11/10/94	LWE	
LG	PROC	ERP	ERP-400	0012	CHEMISTRY SAMPLING AND ANALYSIS TEAM	09/28/98	LWE	
LG	PROC	ERP	ERP-410	0002	SAMPLE PREPARATION AND HANDLING OF HIGHLY RADIOACTIVE LIQUID SAMPLES	09/28/98	LWE	
LG	PROC	ERP	ERP-420	0002	SAMPLE PREPARATION AND HANDLING OF HIGHLY RADIOACTIVE PARTICULATE FILTERS AND IODINE CARTRIDGES	09/28/98	LWE	
LG	PROC	ERP	ERP-430	0002	SAMPLE PREPARATION AND HANDLING OF HIGHLY RADIOACTIVE GAS SAMPLES	09/28/98	LWE	
LG	PROC	ERP	ERP-440	0002	OFF-SITE ANALYSIS OF HIGH ACTIVITY SAMPLES	03/29/95	LWE	
LG	PROC	ERP	ERP-500	0016	SECURITY TEAM	04/14/00	LWE	
LG	PROC	ERP	ERP-500 APPENDIX 1	0000	SECURITY TEAM ACTIVATION	04/14/00		
LG	PROC	ERP	ERP-500 APPENDIX 2	0000	SECURITY TEAM STAFFING GUIDELINES	04/14/00		
LG	PROC	ERP	ERP-500 APPENDIX 3	0000	STAFFING FOR SITE EVACUATION	04/14/00		
LG	PROC	ERP	ERP-500 APPENDIX 4	0000	SECURITY EVACUATION GUIDANCE	04/14/00		
LG	PROC	ERP	ERP-500 APPENDIX 5	0000	SECURITY TEAM LEADER CHECK-OFF LIST	04/14/00		
LG	PROC	ERP	ERP-500 APPENDIX 6	0000	EMERGENCY ASSEMBLY AREAS	04/14/00		
LG	PROC	ERP	ERP-500 APPENDIX 7	0000	FACILITY ACCOUNTABILITY LOG TECHNICAL SUPPORT CENTER	04/14/00		
LG	PROC	ERP	ERP-600	0012	HEALTH PHYSICS TEAM	05/19/98	LWE	
LG	PROC	ERP	ERP-620	0002	PLANT SURVEY GROUP CANCELLED - NO REPLACEMENT	05/02/95	LWE	
LG	PROC	ERP	ERP-630	0003	VEHICLE AND EVACUEE CONTROL GROUP	03/29/95	LWE	
LG	PROC	ERP	ERP-640	0008	EMERGENCY RESPONSE FACILITY HABITABILITY	04/17/99	LWE	
LG	PROC	ERP	ERP-650	0010	ENTRY FOR EMERGENCY REPAIR AND OPERATIONS	06/20/00	LWE	
LG	PROC	ERP	ERP-660	0006	DISTRIBUTION OF THYROID BLOCKING TABLETS	04/17/99	LWE	
LG	PROC	ERP	ERP-700	0014	TECHNICAL SUPPORT TEAM	10/05/98	LWE	
LG	PROC	ERP	ERP-800	0019	MAINTENANCE TEAM	04/14/00	LWE	
LG	PROC	ERP	ERP-800 APPENDIX 1	0000	TASK BRIEFING/DEBRIEFING SHEET	04/14/00		
LG	PROC	ERP	ERP-800 APPENDIX 2	0000	MAINTENANCE TEAM ACTIVATION	04/14/00		
LG	PROC	ERP	ERP-800 APPENDIX 3	0000	TECHNICAL SUPPORT CENTER ACTIVATION	04/14/00		
LG	PROC	ERP	ERP-800 APPENDIX 4	0000	OFFSITE SIRENS ACTIVATION (REF. 6.5.1)	04/14/00		

** END OF REPORT **

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FAC	DOC TYPE	PROC TYPE	PROCEDURE NUMBER	CURR REV NBR	TITLE	EFFECTIVE DATE	RESP GROUP	SYSTEM NBR
PB	PROC	ERP	ERP-C-1000	0005	EMERGENCY OPERATIONS FACILITY (EOF) ACTIVATION/DEACTIVATION	04/21/99	PWE	
PB	PROC	ERP	ERP-C-1000-1	0002	EOF ACTIVATION CHECKLIST	04/21/99	PWE	
PB	PROC	ERP	ERP-C-1000-2	0003	EOF DEACTIVATION CHECKLIST	04/21/99	PWE	
PB	PROC	ERP	ERP-C-1000-3	0000	EOF BUSINESS HOURS FIRST RESPONDER CHECKLIST	04/21/99	PWE	
PB	PROC	ERP	ERP-C-1000-4	0000	EOF AFTER HOURS FIRST RESPONDER CHECKLIST	04/21/99	PWE	
PB	PROC	ERP	ERP-C-1100	0003	EOF STAFF AUGMENTATION- CANCELLED - REPLACED BY ERP-C-1250	09/14/94	PWE	
PB	PROC	ERP	ERP-C-1200	0009	EMERGENCY RESPONSE MANAGER	04/03/00	PWE	
PB	PROC	ERP	ERP-C-1200-1	0000	EMERGENCY RESPONSE MANAGER TURNOVER/BRIEFING FORM	09/14/94	PWE	
PB	PROC	ERP	ERP-C-1200-2 EXH	0000	PROTECTIVE ACTION RECOMMENDATION WORKSHEET CANCELLED REPLACED BY ERP-C-1200	10/24/95	PWE	
PB	PROC	ERP	ERP-C-1200-3	0000	ERM PAR DELIVERY CHECKLIST	04/03/00	PWE	
PB	PROC	ERP	ERP-C-1210	0002	ASSISTANT EMERGENCY RESPONSE MANAGER (AERM) CANCELLED - REPLACED BY ERP-C-1200	10/24/95	PWE	
PB	PROC	ERP	ERP-C-1250	0003	EMERGENCY PREPAREDNESS COORDINATOR/EOF	11/02/98	PWE	
PB	PROC	ERP	ERP-C-1250-1	0000	EMERGENCY POWER INSTRUCTIONS	09/14/94	PWE	
PB	PROC	ERP	ERP-C-1250-2	0001	EMERGENCY PREPAREDNESS COORDINATOR INSTRUCTIONS FOR ASPEN BACKUP NOTIFICATION SYSTEM	04/02/98	PWE	
PB	PROC	ERP	ERP-C-1250-3	0000	EMERGENCY PREPAREDNESS COORDINATOR INSTRUCTIONS TO STOP STAFFING	09/14/94	PWE	
PB	PROC	ERP	ERP-C-1250-4	0000	EMERGENCY PREPAREDNESS COORDINATOR INSTRUCTIONS FOR SYSTEM RESET	09/14/94	PWE	
PB	PROC	ERP	ERP-C-1300	0010	EMERGENCY OPERATIONS FACILITY (EOF) DOSE ASSESSMENT TEAM LEADER	08/31/00	PWE	
PB	PROC	ERP	ERP-C-1300-1	0003	DOSE ASSESSMENT TEAM LEADER INITIAL ACTIONS	04/04/00	PWE	
PB	PROC	ERP	ERP-C-1300-2	0000	DOSE ASSESSMENT TURNOVER LIST	09/23/94	PWE	
PB	PROC	ERP	ERP-C-1300-3	0003	PROTECTIVE ACTION RECOMMENDATION WORKSHEET	11/02/98	PWE	
PB	PROC	ERP	ERP-C-1300-4	0000	OFFSITE SAMPLE ANALYSIS REQUESTS	09/23/94	PWE	
PB	PROC	ERP	ERP-C-1300-5	0001	DETERMINATION OF PROTECTIVE ACTION RECOMMENDATIONS (PARS)	11/02/98	PWE	
PB	PROC	ERP	ERP-C-1300-6	0001	DOSE ASSESSMENT GROUP INITIAL ACTIONS	04/10/98	PWE	
PB	PROC	ERP	ERP-C-1300-7	0000	OBTAINING EPDS MET/RAD DATA	03/26/97	PWE	
PB	PROC	ERP	ERP-C-1300-8	0000	USE OF MODE A/MODE B OF CDM	03/26/97	PWE	
PB	PROC	ERP	ERP-C-1300-9	0001	OBTAINING MET DATA FROM NATIONAL WEATHER SERVICE	09/12/97	PWE	
PB	PROC	ERP	ERP-C-1310	0003	EMERGENCY OPERATIONS FACILITY (EOF) DOSE ASSESSMENT GROUP - CANCELLED - REPLACED BY ERP-C-1300	03/26/97	PWE	
PB	PROC	ERP	ERP-C-1310-1	0000	DOSE ASSESSMENT GROUP LEADER INITIAL ACTIONS CANCELLED - REPLACED BY ERP-C-1300	03/26/97	PWE	
PB	PROC	ERP	ERP-C-1310-2	0000	OBTAINING MET DATA FROM NATIONAL WEATHER SERVICE CANCELLED - REPLACED BY ERP-C-1300	03/24/97	PWE	
PB	PROC	ERP	ERP-C-1310-3	0000	OBTAINING EPDS MET/RAD DATA - CANCELLED - NO REPLACED BY ERP-C-1300	03/26/97	PWE	
PB	PROC	ERP	ERP-C-1310-4	0000	USE OF MODE A/MODE B OF CDM CANCELLED - REPLACED BY ERP-C-1300	03/26/97	PWE	
PB	PROC	ERP	ERP-C-1320	0007	EMERGENCY OPERATIONS FACILITY (EOF) FIELD SURVEY GROUP LEADER	08/31/00	PWE	
PB	PROC	ERP	ERP-C-1320-1	0002	FIELD SURVEY GROUP LEADER INITIAL ACTIONS	04/10/98	PWE	
PB	PROC	ERP	ERP-C-1320-2	0001	FIELD SURVEY GROUP LEADER TURNOVER SHEET	03/26/97	PWE	
PB	PROC	ERP	ERP-C-1320-3	0002	FIELD SURVEY GROUP LEADER DATA SHEET	08/31/00	PWE	
PB	PROC	ERP	ERP-C-1400	0004	ENGINEERING SUPPORT TEAM	11/02/98	PWE	
PB	PROC	ERP	ERP-C-1400-1	0002	ENGINEERING SUPPORT TEAM CHECKLIST	11/02/98	PWE	
PB	PROC	ERP	ERP-C-1410	0002	CORE DAMAGE ASSESSMENT	09/09/98	PWE	
PB	PROC	ERP	ERP-C-1410-1	0000	RADIOLOGICAL DATA	09/14/94	PWE	
PB	PROC	ERP	ERP-C-1410-2	0001	HYDROGEN CONCENTRATION DATA	09/09/98	PWE	
PB	PROC	ERP	ERP-C-1410-3	0001	CONTAINMENT RADIATION MONITOR DATA	09/09/98	PWE	
PB	PROC	ERP	ERP-C-1410-4	0000	METAL WATER REACTION - CANCELLED NO REPLACEMENT	09/09/98	PWE	

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FAC	DOC TYPE	PROC TYPE	PROCEDURE NUMBER	CURR REV NBR	TITLE	EFFECTIVE DATE	RESP GROUP	SYSTEM NBR
PB	PROC	ERP	ERP-C-1410-5	0001	PERCENT OF FUEL INVENTORY AIRBORNE IN THE CONTAINMENT VS. APPROXIMATE SOURCE AND DAMAGE ESTIMATE	09/09/98	PWE	
PB	PROC	ERP	ERP-C-1410-6	0001	PROCEDURES FOR ESTIMATING FUEL DAMAGE BASED ON MEASURED I-131 AND XE-133 CONCENTRATIONS	09/09/98	PWE	
PB	PROC	ERP	ERP-C-1500	0006	LOGISTICS SUPPORT TEAM	04/14/00	PWE	
PB	PROC	ERP	ERP-C-1500-1	0001	MESSAGE AND INFORMATION INSTRUCTIONS	10/24/95	PWE	
PB	PROC	ERP	ERP-C-1500-2	0001	HELICOPTER LANDING INFORMATION	10/24/95	PWE	
PB	PROC	ERP	ERP-C-1900	0004	RECOVERY PHASE IMPLEMENTATION	11/02/98	PWE	
PB	PROC	ERP	ERP-C-1900-1	0000	RECOVERY PHASE IMPLEMENTATION FLOW CHART	06/28/93	PWE	
PB	PROC	ERP	ERP-C-1900-2	0002	PEACH BOTTOM ATOMIC POWER STATION RECOVERY ACCEPTANCE CHECKLIST	04/02/98	PWE	
PB	PROC	ERP	ERP-C-1900-3	0002	LIMERICK GENERATING STATION RECOVERY ACCEPTANCE CHECKLIST	04/02/98	PWE	
PB	PROC	ERP	ERP-C-1900-4	0002	RECOVERY PLAN OUTLINE	04/02/98	PWE	
PB	PROC	ERP	ERP-C-1900-5	0002	ASSESSMENT CONSIDERATIONS	12/28/99	PWE	
PB	PROC	ERP	ERP-101	0022	CLASSIFICATION OF EMERGENCIES	08/15/00	PWE	
PB	PROC	ERP	ERP-110	0012	EMERGENCY NOTIFICATIONS	08/06/98	PWE	
PB	PROC	ERP	ERP-110 APP 1	0055	EMERGENCY NOTIFICATION TELEPHONE LIST	08/07/00	PWE	
PB	PROC	ERP	ERP-110 APP 2	0024	EMERGENCY CLASSIFICATION NOTIFICATION TELEPHONE LIST FOR A SITE EMERGENCY OR GENERAL EMERGENCY CANCELLED - REPLACED BY ERP-110 APPENDIX 1	07/21/93	PWE	
PB	PROC	ERP	ERP-120	0002	PARTIAL PLANT EVACUATION CANCELLED - REPLACED BY ERP-130 & GP-15	08/10/92	PWE	
PB	PROC	ERP	ERP-130	0014	SITE EVACUATION	02/16/00	PWE	
PB	PROC	ERP	ERP-140	0019	EMERGENCY RESPONSE ORGANIZATION (ERO) CALL OUT	03/04/99	PWE	
PB	PROC	ERP	ERP-140 APP 1	0019	AUTOMATED ERO ACTIVATION	08/06/98	PWE	
PB	PROC	ERP	ERP-140 APP 2	0022	ASPEN EMERGENCY MESSAGE CANCELLED - REPLACED BY ERP-110 APP 1	08/06/98	PWE	
PB	PROC	ERP	ERP-140 APP 3	0022	DOSE ASSESSMENT TEAM CANCELLED - REPLACED BY PIMS PRINTOUTS ISSUED MONTHLY PER RT/ERP-2	08/20/92		
PB	PROC	ERP	ERP-140 APP 4	0015	CHEMISTRY SAMPLING & ANALYSIS TEAM CANCELLED - REPLACED BY PIMS PRINTOUTS ISSUED MONTHLY PER RT/ERP-2	08/20/92		
PB	PROC	ERP	ERP-140 APP 5	0014	DAMAGE REPAIR TEAM CANCELLED - REPLACED BY PIMS PRINTOUTS ISSUED MONTHLY PER RT/ERP-2	08/20/92		
PB	PROC	ERP	ERP-140 APP 6	0013	SECURITY TEAM CANCELLED - REPLACED BY PIMS PRINTOUTS ISSUED MONTHLY PER RT/ERP-2	08/20/92		
PB	PROC	ERP	ERP-140 APP 7	0017	PERSONNEL SAFETY TEAM CANCELLED - REPLACED BY PIMS PRINTOUTS ISSUED MONTHLY PER RT/ERP-2	08/20/92		
PB	PROC	ERP	ERP-140 APP 8	0009	COMPANY CONSULTANTS AND CONTRACTORS CANCELLED - INCLUDED IN EMERGENCY TELEPHONE DIRECTORY	08/20/92		
PB	PROC	ERP	ERP-140 APP 9	0011	NEARBY PUBLIC AND INDUSTRIAL USERS OF DOWNSTREAM WATER CANCELLED - INCLUDED IN EMERGENCY TELEPHONE DIRECTORY	08/20/92		
PB	PROC	ERP	ERP-200	0016	EMERGENCY DIRECTOR (ED)	07/10/00	PWE	
PB	PROC	ERP	ERP-200 APP 1	0003	EMERGENCY DIRECTOR CHECKLIST (MCR)	07/10/00	PWE	
PB	PROC	ERP	ERP-200 APP 2	0004	EMERGENCY DIRECTOR CHECKLIST (TSC)	07/10/00	PWE	
PB	PROC	ERP	ERP-200 APP 3	0004	EVENT NOTIFICATION FORM	07/10/00	PWE	
PB	PROC	ERP	ERP-200 APP 4	0004	STATION PUBLIC ADDRESS ANNOUNCEMENTS	07/10/00	PWE	
PB	PROC	ERP	ERP-200 APP 5	0003	PAR DEVELOPMENT AND ISSUANCE	07/10/00	PWE	
PB	PROC	ERP	ERP-200 APP 6	0001	DOSE ASSESSMENT DATA SHEET	07/10/00		
PB	PROC	ERP	ERP-200 APP 7	0000	TURNOVER/BREIFING FORM	07/10/00	PWE	
PB	PROC	ERP	ERP-205	0008	EMERGENCY PREPAREDNESS COORDINATOR/TSC	06/20/00	PWE	
PB	PROC	ERP	ERP-206	0007	SUPPORT SERVICES GROUP	03/03/00	PWE	
PB	PROC	ERP	ERP-210	0000	TRIP TABLE COMMUNICATOR (TSC)	09/12/97	PWE	
PB	PROC	ERP	ERP-220	0006	OPERATIONS GROUP	10/05/95	PWE	

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FAC	DOC TYPE	PROC TYPE	PROCEDURE NUMBER	CURR REV NBR	TITLE	EFFECTIVE DATE	RESP GROUP	SYSTEM NBR
PB	PROC	ERP	ERP-230	0016	OPERATIONS SUPPORT CENTER (OSC) ACTIVATION	10/07/98	PWE	
PB	PROC	ERP	ERP-230 APP 1	0001	PERSONNEL EXPOSURE LOG OPERATIONS SUPPORT CENTER (OSC) CANCELLED - NO REPLACEMENT	11/28/95	PWE	
PB	PROC	ERP	ERP-250	0011	TECHNICAL SUPPORT CENTER (TSC) ACTIVATION CANCELLED - NO REPLACEMENT	10/14/93		
PB	PROC	ERP	ERP-300	0007	DOSE ASSESSMENT TEAM LEADER (DATL) CANCELLED - NO REPLACEMENT	09/23/94	PWE	
PB	PROC	ERP	ERP-301	0004	DOSE ASSESSMENT COORDINATOR (DAC)	08/29/00	PWE	
PB	PROC	ERP	ERP-305	0004	DOSE ASSESSMENT GROUP LEADER (DAGL) CANCELLED - NO REPLACEMENT	03/12/93		
PB	PROC	ERP	ERP-306	0000	LIMERICK RESPONSE FOR SHIFT DOSE ASSESSMENT PERSONNEL (SDAP)	06/30/00	PWE	
PB	PROC	ERP	ERP-310	0007	DOSE ASSESSMENT GROUP CANCELLED - NO REPLACEMENT	09/23/94	PWE	
PB	PROC	ERP	ERP-315	0014	OPERATION OF THE DOSE ASSESSMENT COMPUTER	04/24/00	PWE	
PB	PROC	ERP	ERP-318	0001	LIQUID RELEASE DOSE CALCULATIONS AT DOWNSTREAM WATER INTAKE FACILITIES CANCELLED - REPLACED BY ERP-360	06/18/93		
PB	PROC	ERP	ERP-319	0001	LIQUID RELEASE DOSE CALCULATIONS FOR FISH INGESTION CANCELLED - REPLACED BY ERP-360	06/18/93		
PB	PROC	ERP	ERP-325	0005	SHIFT DOSE ASSESSMENT PERSONNEL	08/25/98	PWE	
PB	PROC	ERP	ERP-325 APP 1	0000	CANCELLED - REPLACED BY MESOREM PROGRAM	03/03/95	PWE	
PB	PROC	ERP	ERP-330	0009	FIELD SURVEY GROUP LEADER (FSGL) CANCELLED - NO REPLACEMENT	09/23/94	PWE	
PB	PROC	ERP	ERP-340	0006	FIELD SURVEY GROUP	03/19/97	PWE	
PB	PROC	ERP	ERP-340 APP 1	0005	FIELD SURVEY DATA SHEET	08/29/00	PWE	
PB	PROC	ERP	ERP-360	0000	RADIOACTIVE LIQUID RELEASE CANCELLED - REPLACED BY ERP-315	06/23/94		
PB	PROC	ERP	ERP-400	0006	CHEMISTRY TEAM LEADER (CTL)	01/20/00	PWE	
PB	PROC	ERP	ERP-410	0009	CHEMISTRY GROUP	04/30/98	PWE	
PB	PROC	ERP	ERP-410 APP 1	0000	CHEMISTRY SAMPLE CHECK-OFF LIST CANCELLED - REPLACED BY ERP-410	12/11/96	PWE	
PB	PROC	ERP	ERP-410 APP 2	0000	CHEMISTRY SAMPLE AND ANALYSIS LOG SHEET CANCELLED - REPLACED BY ERP-410	12/11/96	PWE	
PB	PROC	ERP	ERP-500	0010	SECURITY TEAM LEADER (STL)	04/24/00	PWE	
PB	PROC	ERP	ERP-510	0009	PERSONNEL ACCOUNTABILITY CANCELLED - NO REPLACEMENT	11/28/95	PWE	
PB	PROC	ERP	ERP-520	0005	SECURITY GROUP LEADERS	11/28/95	PWE	
PB	PROC	ERP	ERP-520 APP 1	0000	UNIT 1 PERSONNEL LOG CANCELLED - NO REPLACEMENT	11/28/95	PWE	
PB	PROC	ERP	ERP-600	0013	HEALTH PHYSICS TEAM LEADER (HPTL)	07/07/99	PWE	
PB	PROC	ERP	ERP-610	0004	FIRST AID/SEARCH AND RESCUE GROUP CANCELLED - NO REPLACEMENT	02/05/93		
PB	PROC	ERP	ERP-620	0011	HEALTH PHYSICS GROUP (HPG)	09/04/98	PWE	
PB	PROC	ERP	ERP-620 APP 1	0000	HABITABILITY STATUS LOG SHEET	11/05/93	PWE	101
PB	PROC	ERP	ERP-620 APP 2	0000	ARM STATUS LOG	11/05/93	PWE	100
PB	PROC	ERP	ERP-620 APP 3	0002	HEALTH PHYSICS BRIEFING GUIDE	09/04/98	PWE	
PB	PROC	ERP	ERP-620 APP 4	0000	ACCESS BRIEFING GUIDE CANCELLED - NO REPLACEMENT	05/08/96	PWE	
PB	PROC	ERP	ERP-630	0003	DOSIMETRY, BIOASSAY, AND RESPIRATORY PROTECTION GROUP CANCELLED - NO REPLACEMENT	03/18/93		
PB	PROC	ERP	ERP-640	0006	VEHICLE AND EVACUEE CONTROL GROUP	05/28/97	PWE	
PB	PROC	ERP	ERP-640 APP 1	0000	CONTAMINATED VEHICLE SURVEY FORM CANCELLED - NO REPLACEMENT	05/28/97	PWE	
PB	PROC	ERP	ERP-640 APP 2	0000	UNCONTAMINATED VEHICLE FORM CANCELLED - NO REPLACEMENT	05/28/97	PWE	
PB	PROC	ERP	ERP-650	0006	TRANSPORT OF CONTAMINATED INJURY OFF-SITE	11/27/96	PWE	
PB	PROC	ERP	ERP-660	0007	ENTRY FOR EMERGENCY REPAIR AND OPERATIONS CANCELLED - REPLACED BY ERP-620	07/11/94		
PB	PROC	ERP	ERP-670	0004	EMERGENCY RADIATION EXPOSURE GUIDELINES AND CONTROLS	12/11/96	PWE	
PB	PROC	ERP	ERP-680	0006	CONTROL OF THYROID BLOCKING POTASSIUM IODIDE (KI) TABLETS	02/20/97	PWE	
PB	PROC	ERP	ERP-680 APP 1	0001	POTASSIUM IODIDE WORKSHEET	02/20/97	PWE	
PB	PROC	ERP	ERP-680 APP 2	0000	POTASSIUM IODIDE CONSENT FORM	11/30/94	PWE	

PROCEDURE INDEX REPORT:

FAC	DOC TYPE	PROC TYPE	PROCEDURE NUMBER	CURR REV NBR	TITLE	EFFECTIVE DATE	RESP GROUP	SYSTEM NBR
PB	PROC	ERP	ERP-680 APP 3	0001	INSTRUCTION AND RECORD SHEET FOR PERSONS RECEIVING KI	02/20/97	PWE	
PB	PROC	ERP	ERP-680 APP 4	0001	KI AUTHORIZATION	02/20/97	PWE	
PB	PROC	ERP	ERP-700	0009	TECHNICAL SUPPORT TEAM	11/02/98	PWE	
PB	PROC	ERP	ERP-710	0008	TECHNICAL SUPPORT GROUP CANCELLED - REPLACED BY ERP-700	11/02/98	PWE	
PB	PROC	ERP	ERP-800	0006	OPERATIONS SUPPORT CENTER DIRECTOR (OSC DIRECTOR)	10/07/98	PWE	
PB	PROC	ERP	ERP-810	0011	MAINTENANCE TEAM	07/07/99	PWE	

** END OF REPORT **