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10CFR50, Appendix E

February 6, 2001

Docket Nos. 50-277 50-278

License Nos. DPR-44 DPR-56

U. S. Nuclear Regulatory Commission ATTN: Document Control Desk Washington, DC 20555

Subject: Peach Bottom Atomic Power Station, Units 2 & 3 Emergency Response Procedure Revisions

Dear Sir/Madam:

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

- ERP-205, Revision 9, "Emergency Preparedness Coordinator/TSC"
- ERP-206, Revision 8, "Support Services Group"

Also, enclosed is a copy of a computer generated report index identifying the latest revisions of the PBAPS ERPs.

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

Very truly yours,

D. E. Helper /For

James A. Hutton Director - Licensing Mid-Atlantic Regional Operating Group

Attachments

cc: H. J. Miller, Administrator, Region I, USNRC (2 copies) A. C. McMurtray, USNRC Senior Resident Inspector, PBAPS



Effective Date:

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PECO NUCLEAR PEACH BOTTOM UNITS 2 AND 3 EMERGENCY RESPONSE PROCEDURE

ERP-205 EMERGENCY PREPAREDNESS COORDINATOR/TSC

1.0 RESPONSIBILITIES

- 1.1 The Emergency Preparedness Coordinator/TSC (EPC/TSC) is responsible for the expeditious activation of the Technical Support Center (TSC).
- 1.2 The EPC/TSC is responsible for advising the Emergency Director (ED) and TSC emergency response personnel, on emergency response procedural requirements.
- 1.3 The EPC/TSC is responsible for directing the activities of the Support Services Group.

2.0 INITIAL ACTIONS

- 2.1 Respond to the Unit One Emergency Response Facility.
- 2.2 An EPC/TSC who is not on-call and is fit for duty and available to respond will notify the on-call EPC/TSC and then call the NEROCS system and follow prompts.
- 2.3 Ensure that the Unit One Emergency Facilities are unlocked, including the emergency response equipment room on the first floor.
- 2.4 Proceed to the Ventilation System Panel and activate, using Attachment 1, "Unit 1, Panel P60A, Ventilation Emergency Mode Startup".
 - 2.4.1 Verify that the pressure indicator reads \geq 0.125 inches of water. **CM-1**
- 2.5 Complete attachment titled, "TSC Activation Checklist".
 - 2.5.1 Notify the ED when activation is completed.

- 2.6 Review Nuclear Emergency Response Organization Call out System (NEROCS) printouts for unfilled positions.
 - 2.6.1 IF positions remain unfilled 30 minutes after NEROCS activation, THEN ensure/assist calling in the required qualified personnel.
- 2.7 Assign Support Services Group members to perform the following functions:
 - 2.7.1 ED Communicator
 - 2.7.2 Message Router
 - 2.7.3 Nuclear Records Management Operator

3.0 CONTINUING ACTIONS

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- 3.1 Advise the ED on Emergency Response procedural requirements.
- 3.2 Ensure Support Services Group members perform actions required by ERP-206, "Support Services Group" and provide assistance as necessary.
- 3.3 Maintain current log accounts of all actions taken.
- 3.4 Advise response personnel to initiate and maintain current and complete log book entries.
- 3.5 Ensure that status board entries are current and complete.
- 3.6 Ensure that the ED and Team Leaders establish work priorities and plans consistent with changing plant conditions and emergency response procedures.
- 3.7 Monitor communication equipment operations.
 - 3.7.1 IF communication equipment failures are reported THEN ensure timely repair actions are initiated.
- 3.8 Periodically inquire if a NRC Response Team is responding to the TSC.
 - 3.8.1 IF NRC Response Team is responding to the TSC, THEN greet and arrange for an NRC Response Team briefing AND assist and coordinate the setup and activation of the NRC Response Team office.

- 3.9 IF a site evacuation is directed $\overline{\text{THEN}}$:
 - 3.9.1 Ensure the notifications to off site agencies have been completed per ERP-130.
 - 3.9.2 Advise and assist Security Team Leader with accountability issues.
- 3.10 IF TSC becomes uninhabitable, <u>THEN</u>:
 - 3.10.1 Coordinate <u>AND</u> direct transfer of TSC personnel per Attachment 5, "Guidance for TSC Evacuation" or as directed by the Emergency Director.
- 3.11 Ensure that news releases are reviewed by the ED or designee and comments forwarded to the Emergency News Center.
- 3.12 Advise the ED on recovery phase planning and actions.

4.0 FINAL CONDITIONS

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- 4.1 When the ED terminates the emergency event, or de-escalates so as not to require continued facility activation.
 - 4.1.1 Complete attachment titled, "TSC Closeout Checklist".
 - 4.1.2 Ensure that log books, transmittals and forms are retained for future review.
- 4.2 After the facility is deactivated.
 - 4.2.1 Schedule inventory of supplies and equipment.
 - 4.2.2 Initiate actions required for restocking of supplies.
 - 4.2.3 Ensure that the TSC facility is secured.

5.0 ATTACHMENTS

- 5.1 Attachment 1, "Unit 1, Panel P60A, Ventilation Emergency Mode Startup"
- 5.2 Attachment 2, "TSC Activation Checklist"
- 5.3 Attachment 3, "TSC Closeout Checklist"
- 5.4 Attachment 4, "Unit 1, Panel 60A, Ventilation Return to Normal Operation"
- 5.5 Attachment 5, "Guidance for TSC Evacuation"

6.0 SUPPORTING INFORMATION

6.1 PURPOSE

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- 6.1.1 The purpose is to ensure and assist in the timely activation of the TSC and assist the ED, Team Leaders and other TSC personnel in performing emergency functions as required.
- 6.2 CRITERIA FOR USE
 - 6.2.1 Site Emergency Response Organization activation.
 - 6.2.2 Declaration of an alert or TSC activation at the discretion of the ED.

6.3 REFERENCES

- 6.3.1 ERP-200, "Emergency Director"
- 6.3.2 ERP-206, "Support Services Group"
- 6.3.3 Nuclear Emergency Plan
- 6.3.4 ERP-130, "Site Evacuation"
- 6.4 COMMITMENT ANNOTATION
 - 6.4.1 CM-1, NRC IFI 93-34-03, TSC Ventilation, (T03285)

ATTACHMENT 1

UNIT 1, PANEL P60A, VENTILATION EMERGENCY MODE STARTUP

- 1. Verify AHU-1, "TSC Supply Fan" is in the "ON" or "Remote" position.
- Verify RAF-1 "TSC Exhaust Fan" is in the "ON" or "remote" position.
- 3. Place the AFF-1 "HEPA FILTER FAN" switch to the "ON" position.
- 4. Place the AHU-1 "TSC OUTSIDE AIR" damper switch to the "OPEN" position.
- 5. Verify the following indications:
 - a. MOV-1 closed (green light)
 - b. MOV-2 closed (green light)
 - c. MOV-3 open (red light)
 - d. MOV-4 open (red light)
- NOTE: If any operating equipment does NOT perform as expected, <u>THEN</u> place the equipment in a safe condition <u>AND</u> contact responsible System Engineer <u>OR</u> Shift Management.

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ATTACHMENT 2

TSC ACTIVATION CHECKLIST

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1.	Ensı	ure the following equipment is operable:	SAT/UNSAT
	a.	Radiation Monitoring Equipment	/
	b.	Plant Monitoring System (PMS) Terminals	/
	c.	Emergency Ventilation	/
	d.	Projection System	/

NOTE:

IF EQUIPMENT IS MISSING OR INOPERABLE, THEN INITIATE REPLACEMENT OR REPAIR AS APPROPRIATE.

Ens	sure the following TSC activities are functional:	Initial
a.	Status Boards	
b.	Message Routing	
c.	Nuclear Records Management System	
d.	Technical Support	
e.	Dose Assessment	
f.	Health Physics	
g.	Chemistry	
h.	Security	
i.	Habitability	
j.	ED Communicator	
REN	1ARKS:	

Signature

Date

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ATTACHMENT 3

TSC CLOSEOUT CHECKLIST

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1.	Ensure	correct	shutdown	of	this	equipment	by
	qualifi	led perso	onnel:				

- a. Nuclear Records Management
- b. Radiation Monitoring Equipment

2.	Return emergency ventilation system to normal from
	emergency mode per Attachment 4, "Unit 1,
	Panel P60A, Ventilation Return to Normal
	Operation".

- 3. Ensure office and consumable supplies, including forms, are inventoried.
- 4. Ensure status boards are cleaned.
- 5. Retrieve all loose documents, maps, worksheets, etc., consolidate and ensure proper storage.
- 6. Perform special or additional tasks as directed by the ED.
 - 7. Record equipment and operations deficiencies below or on an attached page.

REMARKS:

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Date

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ATTACHMENT 4

UNIT 1, PANEL P60A, VENTILATION RETURN TO NORMAL OPERATION

- Verify AHU-1, "TSC Supply Fan" is in the "ON" or "REMOTE" position.
- 2. Verify RAF-1, "TSC Exhaust Fan" is in the "ON" or "REMOTE" position.
- 3. Place AFF-1 "HEPA FILTER FAN" switch to the "OFF" position.
- 4. Place AHU-1 "TSC Outside Air" damper switch to the "CLOSED" position.
- 5. Verify the following indications:
 - a. MOV-1 is opened. (red light)
 - b. MOV-2 is opened. (red light)
 - c. MOV-3 is closed. (green light)
 - d. MOV-4 is closed. (green light)
- NOTE: If any operating equipment does NOT perform as expected, <u>THEN</u> place the equipment in a safe condition <u>AND</u> contact responsible System Engineer OR Shift Management.

ATTACHMENT 5

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GUIDANCE FOR TSC EVACUATION

TSC POSITION	RELOCATE TO:
Emergency Director (ED)	Main Control Room
Assistant Emergency Director	SMB, 2nd Floor Library
Technical Support Group	SMB, 2nd Floor Library
Emergency Preparedness Coordinator	SMB, 2nd Floor Library
Security Team Leader	Central Alarm Station (CASS)
Chemistry Team Leader	Operations Support Center (OSC)
Health Physics Team Leader	OSC
Dose Assessment Coordinator	Main Control Room (with Shift Dose Assessment Personnel)
Support Services Group	SMB, 1st Floor Lobby
Table Trip Communicator	SMB, 2nd Floor Library
Field Survey Teams	As directed by EOF

NOTES:

UPON RELOCATION, ALL TEAM LEADERS/COORDINATORS SHALL CALL THE EMERGENCY DIRECTOR IN THE MAIN CONTROL ROOM AND RELAY A PHONE NUMBER TSC PERSONNEL CAN BE CONTACTED AT. PERSONNEL MAY ALSO BE DISMISSED FROM THE SITE, AS DIRECTED BY THE ED. Effective Date:

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PECO NUCLEAR PEACH BOTTOM UNITS 2 AND 3 EMERGENCY RESPONSE PROCEDURE

ERP-206 SUPPORT SERVICES GROUP

- 1.0 RESPONSIBILITIES
 - 1.1 The Emergency Preparedness Coordinator/Technical Support Center (EPC/TSC) is responsible for directing the activities of the Support Services Group.
 - 1.2 The Support Services Group is responsible for providing communications, data dissemination, and records maintenance support to the Technical Support Center (TSC).

2.0 INITIAL ACTIONS

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- 2.1 Support Services Group members report to the TSC.
- 2.2 The EPC/TSC Coordinator shall consider staffing the following functions.
 - 2.2.1 Emergency Director (ED) Communicator(s)
 - 2.2.2 Message Router
 - 2.2.3 Nuclear Records Management Operator
- 2.3 An ED Communicator shall:
 - 2.3.1 Call Shift ED Communicator, ext. 4277 or emergency telephone ext. 282 to relieve notification responsibilities.
 - 2.3.2 Perform immediate personnel call-out if necessary, per the ERO Directory.
- 2.4 The Message Router shall:
 - 2.4.1 Verify operation of copier and facsimile machines.
 - 2.4.2 Distribute blank message forms with message routing instructions to key positions (i.e., ED, Technical Support Team Leader (TSTL), etc.).
- 2.5 The Nuclear Records Management Operator shall activate NRMS equipment.

3.0 CONTINUING ACTIONS

- 3.1 An ED Communicator shall:
 - 3.1.1 Staff the telephones at the ED Communicator location.
 - 3.1.2 Receive and record telephone messages for the ED.
 - 3.1.3 Make telephone calls on behalf of the ED, as requested.
 - 3.1.4 Arrange conference calls, as directed.
 - 3.1.5 Implement ERP-110, Appendix 1, "Emergency Notification Telephone List", upon event classification change.
 - 3.1.6 Implement personnel augmentation using the ERO Directory if directed by the ED.
 - 3.1.7 Maintain the Emergency Message Log and assign numbers to approved messages (Messages shall be numbered in sequential order starting at 1000).
- 3.2 The Message Router shall:
 - 3.2.1 Route messages per Message Routing Instructions.
 - 3.2.2 Transmit, via facsimile machine, status board copies to the EOF (Administration) by selecting the pre-programmed number.
 - 3.2.3 Copy and distribute other documents as directed by the ED and Team Leaders.
 - 3.2.4 Distribute incoming telecopied documents to the addressee.
 - 3.2.5 Transmit, via facsimile machine, other outgoing documents.
 - 3.2.6 Transmit status board copies via facsimile machine to NRC Region 1 Response Center by selecting the pre-programmed number, or key pad in 9-1-610-337-5067. **CM-1**
- 3.3 NRMS Operator retrieves NRMS documents as requested by TSC personnel.

4.0 FINAL CONDITIONS

- 4.1 The event is terminated and the ED has ordered deactivation of the TSC.
- 4.2 Support Service Group members shall:
 - 4.2.1 De-activate NRMS equipment.
 - 4.2.2 Collect all paperwork and submit to EPC/TSC.
 - 4.2.3 Report any known shortages of supplies to the EPC/TSC.

5.0 ATTACHMENTS

None

6.0 SUPPORTING INFORMATION

6.1 PURPOSE

To provide guidance for the activities of the Support Services Group.

6.2 CRITERIA FOR USE

This procedure shall be implemented at the alert or higher emergency classification, or at the discretion of the ED.

6.3 SPECIAL EQUIPMENT

None

6.4 REFERENCES

- 6.4.1 ERP-110, "Emergency Notifications"
- 6.4.2 ERP-110, Appendix 1, "Emergency Notification Telephone List"
- 6.4.3 ERP-205, "Emergency Preparedness Coordinator/TSC"
- 6.4.4 ERP-140, "Emergency Response Organization (ERO) Call Out"
- 6.4.5 Nuclear Emergency Plan
- 6.5 COMMITMENT ANNOTATION

6.5.1 CM-1, Letter from NRC, 01/23/89 (T00323)

PEACH BOTTOM ATOMIC POWER STATION

PROCEDURE INDEX REPORT:

				CURR				
	DOC	PROC		REV	TITLE EMERGENCY OPERATIONS FACILITY (EOF) ACTIVATION/DECACTIVATION EOF ACTIVATION CHECKLIST EOF DEACTIVATION CHECKLIST EOF DEACTIVATION CHECKLIST EOF BUSINESS HOURS FIRST RESPONDER CHECKLIST EOF STAFF AUGMENTATION- CANCELLED - REPLACED BY ERP-C-1250 EMERGENCY REPSONSE MANAGER EMERGENCY RESPONSE MANAGER TUNNOVER/BRIEFING FORM PROTECTIVE ACTION RECOMMENDATION WORKSHEET CANCELLED REPLACED BY ERP-C-1200 EMERGENCY PREPAREDNESS COORDINATOR/BRIEFING FORM BY ERP-C-1200 EMERGENCY PREPAREDNESS COORDINATOR/EOF EMERGENCY PREPAREDNESS COORDINATOR INSTRUCTIONS FOR ASPEN BACKUP NOTIFICATION SYSTEM EMERGENCY PREPAREDNESS COORDINATOR INSTRUCTIONS FOR ASPEN BACKUP NOTIFICATION SYSTEM EMERGENCY PREPAREDNESS COORDINATOR INSTRUCTIONS FOR SYSTEM RESET EMERGENCY PREPAREDNESS COORDINATOR INSTRUCTIONS FOR SYSTEM DSSE ASSESSMENT TURNOVER LIST OSSE ASSESSMENT TURNOVER LIST OSSE ASSESSMENT TURNOVER LIST OSSE ASSESSMENT GOUP INITIAL ACTIONS BATINING EDF DATO FROME TIMITAL ACTIONS CANCELLED - REPLACED BY ERP-C-1300 DSTAINING MET DATA FROM NATIONAL WEATHER SERVICE CANCELLED - REPLACED BY ERP-C-1300 OBTAINING MET DATA FROM NATIONAL WEATHER SERVICE CANCELLED - REPLACED BY ERP-C-1300 OSSE ASSESSMENT TURNOVER SHEET FILL SURVEY GROUP LEADER INITIAL ACTIONS FILL SURVEY GROUP LEADER INITIAL ACTIONS FILL	EFFECTIVE	RESP	SYSTEM
FAC	TYPE	TYPE	PROCEDURE NUMBER	NBR	TITLE	DATE	GROUP	NBR
PB	PROC	ERP	ERP-C-1000	0005	EMERGENCY OPERATIONS FACILITY (EQF) ACTIVATION/DECACTIVATION	04/21/00	DWE	
PB	PROC	ERP	ERP-C-1000-1	0002	EQE ACTIVATION CHECKLIST	04/21/00		
PB	PROC	ERP	ERP-C-1000-2	0003	FOE DEACTIVATION CHECKLIST	04/21/99	PWE	
PB	PROC	ERP	ERP-C-1000-3	0000	FOF BUSINESS HOURS FIRST RESPONDER CHECKLIST	04/21/99	PWC	
PB	PROC	ERP	FRP-C-1000-4	0000	FOF AFTER HOURS FIRST RESPONDED CHECKLIST	04/21/99	PWC	
PB	PROC	FRP	FRP-C-1100	0003	FOR STAFF AUGMENTATION- CANCEL ED - DEPLACED BY EDD-C-1250	04/21/99	PWE	
PB	PROC	FRP	ERP-C-1200	0000	EMEDGENCY DEDSONSE MANAGED	09/14/94	PWE	
PR	PROC	FRP	FRP-C-1200-1	00000	EMERGENCY RESONSE MANAGER THRNOVER/RETEETING FORM	04/03/00	PWE	
DR	PROC	EPD	EPP-C-1200-2 EXH	0000	DOALCTIVE ACTION DECOMMENDATION WORKSHEET CANCELLED DEDLAGED BY	09/14/94	PWE	
10	1.000			0000	ERP-C-1200	10/24/95	PWE	
PB	PROC	ERP	ERP-C-1200-3	0000	ERM PAR DELIVERY CHECKLIST	04/03/00	PWF	
PB	PROC	ERP	ERP-C-1210	0002	ASSISTANT EMERGENCY RESPONSE MANAGER (AERM) CANCELLED - REPLACED	10/24/95	DWE	
					BY ERP-C-1200	10/21/00		
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	04/02/98	PWE	
DB	PPOC	FDD	EPP-C-1250-3	0000	BACKUP NUTIFICATION SYSTEM		-	
FU	FROC	LAF	ERF C 1250 5	0000	STAFFING	09/14/94	PWE	
PB	PROC	ERP	ERP-C-1250-4	0000	EMERGENCY PREPAREDNESS COORDINATOR INSTUCTIONS FOR SYSTEM RESET	09/14/94	OWE	
PB	PROC	ERP	ERP-C-1300	0010	EMERGENCY OPERATIONS FACILITY (EOF) DOSE ASSESSMENT TEAM LEADER	08/31/00	DWE	
PB	PROC	ERP	ERP-C-1300-1	0003	DOSE ASSESSMENT TEAM LEADER INITIAL ACTIONS	00/01/00		
PB	PROC	ERP	ERP-C-1300-2	0000	DOSE ASSESSMENT TURNOVER LIST	09/23/94	DWE	
PB	PROC	ERP	ERP-C-1300-3	0003	PROTECTIVE ACTION RECOMMENDATION WORKSHEFT	11/02/08		
PB	PROC	ERP	ERP-C-1300-4	0000	OFFSITE SAMPLE ANALYSIS REQUESTS	09/23/94		
PB	PROC	ERP	ERP-C-1300-5	0001	DETERMINATION OF PROTECTIVE ACTION RECOMMENDATIONS (PARS)	11/02/98	DWE	
PB	PROC	ERP	ERP-C-1300-6	0001	DOSE ASSESSMENT GROUP INITIAL ACTIONS	04/10/98	DWF	
PB	PROC	ERP	ERP-C-1300-7	0000	OBTAINING EPDS MET/RAD DATA	03/26/97	DWE	
PB	PROC	ERP	ERP-C-1300-8	0000	USE OF MODE A/MODE B OF CDM	03/26/97	DWE	
PB	PROC	ERP	ERP-C-1300-9	0001	OBTAINING MET DATA FROM NATIONAL WEATHER SERVICE	09/12/07		
PB	PROC	ERP	ERP-C-1310	0003	EMERGENCY OPERATIONS FACILITY (EOF) DOSE ASSESSMENT GROUP -	03/26/97	PWF	
					CANCELLED - REPLACED BY ERP-C-1300			
PB	PROC	ERP	ERP-C-1310-1	0000	DOSE ASSESSMENT GROUP LEADER INITIAL ACTIONS CANCELLED -	03/26/97	PWE	
					REPLACED BY ERP-C-1300			
PB	PROC	ERP	ERP-C-1310-2	0000	OBTAINING MEI DATA FROM NATIONAL WEATHER SERVICE CANCELLED -	03/24/97	PWE	
			FDD C 1010 0	0000	REPLACED BY ERP-C-1300			
PB	PROC	ERP	ERP-C-1310-3	0000	ERP-C-1300	03/26/97	PWE	
PR	PROC	FRP	ERP-C-1310-4	0000	LISE OF MODE A/MODE B OF COM CANCELLED - REPLACED BY ERD-C-1300	09/96/07	DWE	
PB	PROC	FRD	ERP-C-1320	0007	EMERGENCY OPERATIONS FACTLITY (FOE) FIELD SUBVEY GOOD LEADED	03/26/9/	PWE	
DB	PPOC	FDD	EPP-C-1320-1	0007	ETELD SUBVEY GROUP LEADER INITIAL ACTIONS	08/31/00	PWE	
DR	PPOC	FDD	ERP C 1320 1	0002	FIELD SUBVEY GOOD LEADER THINKYED SHEET	04/10/98	PWE	
			ERP-C-1320-2	0001	FIELD SURVEY GROUP LEADER TORNOVER SHEET	03/26/9/	PWE	
DR	PROC	FRD	FRP-C-1400	0002	FNGING SUDODT FAM	08/31/00	PWE	
- D P		FDD	$E_{PP-C-1400-1}$	0004	ENGINEEDING SUBORT TEAM CHECKLIST	11/02/98	PWE	
			EDD_C_1410	0002	CODE DAMAGE ASSESSMENT	11/02/98	PWE	
			ERP-0-1410-1	0002	UNE UNITAGE ASSESSIVENT	09/09/98	PWE	
	DDDC		ERF-0-1410-1	0000	RADIOLOGICAL DATA	09/14/94	PWE	
70	PROC		ERF-U-1410-2	0001	CONTAINMENT DADATION MALA	09/09/98	PWE	
20 00	PROC	ERP	ERPTUT1410-3		CONTAINMENT RADIATION MUNITUR DATA	09/09/98	PWE	
۲ð	PROL	CKP	CKF-U-1410-4	0000	WEIAL WATER REAUTION - CANCELLED NU REPLACEMENT	09/09/98	PWE	

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PEACH BOTTOM ATOMIC POWER STATION

PROCEDURE INDEX REPORT:

				CURR				
	DOC	PROC		REV		EFFECTIVE	RESP	SYSTEM
FAC	TYPE	TYPE	PROCEDURE NUMBER	NBR	TITLE	DATE	GROUP	NBR
РВ	PROC	ERP	ERP-C-1410-5	0001	TITLE PERCENT OF FUEL INVENTORY AIRBORNE IN THE CONTAINMENT VS. APPROXIMATE SOURCE AND DAMAGE ESTIMATE PROCEDURES FOR ESTIMATING FUEL DAMAGE BASED ON MEASURED I-131 AND XE-133 CONCENTRATIONS UGISTICS SUPPORT TEAM MESSAGE AND INFORMATION INSTRUCTIONS HELICOPTER LANDING INFORMATION RECOVERY PHASE IMPLEMENTATION FLOW CHART PEACH BOTTOM ATOMIC POWER STATION RECOVERY ACCEPTANCE CHECKLIST LIMERICK GENERATING STATION RECOVERY ACCEPTANCE CHECKLIST LIMERICK GENERATING STATION RECOVERY ACCEPTANCE CHECKLIST RECOVERY PLAS IMPLEMENTATION RECOVERY PLAS DIMPLEMENTATION FLOW CHART PEACH BOTTOM ATOMIC POWER STATION RECOVERY ACCEPTANCE CHECKLIST LIMERICK GENERATING STATION RECOVERY ACCEPTANCE CHECKLIST RECOVERY PLAS INPLEMENTATION FLOW CHART PEACH BOTTOM ATOMIC POWER STATION RECOVERY ACCEPTANCE CHECKLIST RECOVERY PLAS UNDIFFICATION RECOVERY ACCEPTANCE CHECKLIST RECOVERY PLAS UNDIFFICATION RECOVERY ACCEPTANCE CHECKLIST RECOVERY PLAS UNDIFFICATION RECOVERY ACCEPTANCE CHECKLIST RECOVERY PLAN OUTLINE ASSESSMENT CONSIDERATIONS CLASSIFICATION OF EMERGENCIES PBAPS EAL TECHNICAL BASIS MANUAL TABLE OF CONTNENTS EMERGENCY OR GENERAL EMERGENCY CANCELLED - REPLACED BY ERP-110 APPENDIX 1 PARTIAL PLANT EVACUATION CANCELLED - REPLACED BY ERP-130 & GP-15 SITE EVACUATION AMERGENCY RESPONSE ORGANIZATION (ERO) CALL OUT AUTOMATED ERO ACTIVATION ASPEN EMERGENCY MESSAGE CANCELLED - REPLACED BY PIMS PRINTOUTS ISSUED MONTHLY PER RT/ERP-2 CHEMISTRY SAMPLING & ANALYSIS TEAM CANCELLED - REPLACED BY PIMS PRINTOUTS ISSUED MONTHLY PER RT/ERP-2 COMPANY CONSULTANTS AND CONTRACTORS CANCELLED - INCLUDED IN EMERGENCY DIRECTOR (ERD) PERSONNEL SAFETY TEAM CANCELLED - REPLACED BY PIMS PRINTOUTS ISSUED MONTHLY PER RT/ERP-2 COMMONTHLY PER RT/ERP-2 COMANY CONS	09/09/98	PWE	
					VS. APPROXIMATE SOURCE AND DAMAGE ESTIMATE			
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	
	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	
	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		ERP	ERP-101	0022	CLASSIFICATION OF EMERGENCIES	08/15/00	PWE	
PB	PROC	ERP	ERP-101 BASES	0000	PBAPS EAL TECHNICAL BASIS MANUAL TABLE OF CONTNENTS	09/22/00	PWE	
PB	PROC	ÉRP	ERP-110	0012	EMERGENCY NOTIFICATIONS	08/06/98	PWE	
PB	PROC	ERP	ERP-110 APP 1	0057	EMERGENCY NOTIFICATION TELEPHONE LIST	01/06/01	PWE	
PB	PROC	ERP	ERP-110 APP 2	0024	EMERGENCY CLASSIFICATION NOTIFICATION TELEPHONE LIST FOR A SITE	07/21/93	PWE	
					EMERGENCY OR GENERAL EMERGENCY CANCELLED - REPLACED BY ERP-110 APPENDIX 1			
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	08/20/92		
					ISSUED MONTHLY PER RT/ERP-2			
РВ	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		
РВ	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	PWF	
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	PWF	
PB	PROC	ERP	ERP-200 APP 3	0004	EVENT NOTIFICATION FORM	07/10/00	PWF	
PB	PROC	ERP	ERP-200 APP 4	0004	STATION PUBLIC ADDRESS ANNONCEMENTS	07/10/00	PWF	
PB	PROC	FRP	ERP-200 APP 5	0003	PAR DEVELOPMENT AND ISSUANCE	07/10/00	DWE	
PB	PROC	FRP	FRP-200 APP 6	0001	DOSE ASSESSMENT DATA SHEET	07/10/00	r 10 La	
	PROC	FRP	ERP-200 APP 7	0000		07/10/00	DWE	
	PROC	FDD	ERD-205	0000	EMERGENCY PREPAREDNESS COOPDINATOR/ISC	02/07/01	DWE	
PB	PROC	FDD	ERD-206	0009	SUPPORT SERVICES GROUP	02/07/01		
PB		ERP	ERP-210	0000		02/0//01		
-0	PROC	CRP		0000	TATE TABLE COMMONICATION (13C)	03/12/9/	PWC	

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PEACH BOTTOM ATOMIC POWER STATION

PROCEDURE INDEX REPORT:

					CURR	<pre>TITLE OPERATIONS GROUP OPERATIONS SUPPORT CENTER (OSC) ACTIVATION RESONCE LEXPOSURE LOG OPERATIONS SUPPORT CENTER (OSC) CANCELLED - NO REPLACEMENT TECHNICAL SUPPORT CENTER (ISC) ACTIVATION CANCELLED - NO REPLACEMENT TECHNICAL SUPPORT CENTER (ISC) ACTIVATION CANCELLED - NO REPLACEMENT DOSE ASSESSMENT TEAM LEADER (DATL) CANCELLED - NO REPLACEMENT DOSE ASSESSMENT GROUP LEADER (DATL) CANCELLED - NO REPLACEMENT IMERICK RESPONSE FOR SHITT DOSE ASSESSMENT PERSONNEL (SDAP) DOSE ASSESSMENT GROUP CANCELLED - NO REPLACEMENT IMERICK RESPONSE FOR SHITT DOSE ASSESSMENT PERSONNEL (JUID RELEASE DOSE CALCULATIONS AT DOWNSTREAM WATER INTAKE FACILITISE CANCELLED - REPLACED BY ERP-360 UNID RELEASE DOSE CALCULATIONS FOR FISH INGESTION CANCELLED - REPLACED BY ERP-360 SHIFT DOSE ASSESSMENT PERSONNEL CAUCELLED - REPLACED BY MESOREM PROGRAM FIELD SURVEY GROUP LEADER FIELD SURVEY GROUP LEADER (ISGL) CANCELLED - NO REPLACEMENT FIELD SURVEY GROUP FIELD SURVEY GROUP FIELD SURVEY GROUP FIELD SURVEY GROUP FIELD SURVEY GROUP CANCELLED - REPLACED BY MESOREM PROGRAM FIELD SURVEY GROUP FIELD SURVEY GROUP FIELD SURVEY GROUP FIELD SURVEY GROUP LEADER (ISGL) CANCELLED - NO REPLACEMENT FIELD SURVEY GROUP FIELD SURVEY GROUP FIELD SURVEY GROUP FIELD SURVEY GROUP LEADER (SGL) CANCELLED - NO REPLACEMENT FIELD SURVEY GROUP FIELD SURVEY GROUP LEADER (SGL) CHMISTRY SAMPLE AND ANALYSIS LOG SHEETCANCELLED - REPLACED BY ENTITY SOUP SCURITY EAM LEADER (CTL) FIELD SURVEY DATA SHEET FIELD SURVEY ADAY LEADER (SGL) FIELD SURVEY ADAY LEADER (SGL) FIELD SURVEY SAMPLE AND ANALYSIS LOG SHEETCANCELLED - NO REPLACEMENT SECURITY MENT LOG CANCELLED - NO REPLACEMENT SECURITY SUBJECTING GUIDE CANCELLED - NO REPLACEMENT CALCH PHYSICS GROUP FIELD SURVEY FOR AND RESPIRATORY PROTECHING GROUP CANCELLED FIELD SURVEY SAMPLE CONTROL GROUP FIELD SURVEY SAMPLE CONTROL GROUP FIELD SURVEY SAMPLE CONTROL GROUP CONTAMINATED VEHICLE FORM CANCELLED - NO REPLACEMENT CONTAMINATED VEHICLE FORM CANCELLED - NO REPLACEMENT CONTAMINATED VEHICLE FORM CANCELLED - NO REPLACEMENT CONTAMINATED VE</pre>			
	DOC	PROC			REV		EFFECTIVE	RESP	SYSTEM
FAC	TYPE	TYPE	PROCEDURE	NUMBER	NBR	TITLE	DATE	GROUP	NBR
PB	PROC	ERP	ERP-220		0006	OPERATIONS GROUP	10/05/95	PWE	
PB		ERP	ERP-230		0016	OPERATIONS SUPPORT CENTER (OSC) ACTIVATION	10/07/98	PWE	
PB	PROC	ERP	ERP-230 APP	P 1	0001	PERSONNEL EXPOSURE LOG OPERATIONS SUPPORT CENTER (OSC)	11/28/95	PWE	
						CANCELLED - NO REPLACEMENT			
PB	PROC	ERP	ERP-250		0011	TECHNICAL SUPPORT CENTER (ISC) ACTIVATION CANCELLED - NO	10/14/93		
			500 000		0007	REPLACEMENT			
PB PB	PROC PROC	ERP	ERP-300		0007	DOSE ASSESSMENT COODDINATOR (DAC) CANCELLED - NU REPLACEMENT	09/23/94	PWE	
PB	PROC		ERP-301		0004	DOSE ASSESSMENT COOLD LEADED (DACL) CANCELLED - NO DEDLACEMENT	08/29/00	PWE	
	PROC		ERP-305		0004	DUSE ASSESSMENT GROUP LEADER (DAGE) CANCELLED - NO REPLACEMENT	03/12/93	-	
PB			ERP-300		0000	LIMERICK RESPONDE FOR SHIFT DUSE ASSESSMENT PERSONNEL (SDAP)	00/30/00	PWE	
PB	PROC		ERP-310		0007	DOSE ASSESSMENT GROUP CANCELLED - NO REPLACEMENT	09/23/94	PWE	
PB	PROC	ERP	ERP-315		0014	UPERATION OF THE DOSE ASSESSMENT COMPUTER	04/24/00	PWE	
PD	PROC	ERF	EKP-310		0001	EACTITITES CANCELED - DEDIACED BY EDD-360	00/18/93		
PB	PROC	FDD	EDD-319		0001	TOULD RELEASE DOSE CALCULATIONS FOR EISH INGESTION CANCELLED	06/19/02		
FU	FRUC	LAF	ERF 013		0001	REPLACED BY FRP-360	00/10/93		
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		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 FRP-315	06/23/94	F 11 L.	
PB		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	12/11/96	PWE	
						ERP-410			
PB	PROC	ERP	ERP-410 APF	° 2	0000	CHEMISTRY SAMPLE AND ANALYSIS LOG SHEETCANCELLED - REPLACED BY	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 APF	P 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		0012	HEALTH PHYSICS GROUP	10/13/00	PWE	
PB		ERP	ERP-620 APP		0000	HABITABILITY STATUS LOG SHEET	11/05/93	PWE	101
PB	PROC	ERP	ERP-620 APP	2	0000	ARM STATUS LUG	11/05/93	PWE	100
PB	PROC	ERP	ERP-620 APP	3	0002	HEALTH PHYSICS BRIEFING GOIDE	09/04/98	PWE	
PB	PROC	ERP	ERP-620 APP	54	0000	ACCESS BRIEFING GOIDE CANCELLED - NO REPLACEMENT	05/08/96	PWE	
PB	PROC	ERP	ERP-630		0003	DOSIMETRY, BIDASSAY, AND RESPIRATORY PROTECTION GROUP CANCELLED	03/18/93		
РВ	0000	EDD	EDD_640		0006	- NU REFLACEMENT VEHTCLE AND EVACUEE CONTROL CROUP	05/00/07	DUIC	
	PROC PROC		ECC-040	5 1	0000	CONTAMINATED VEHICLE SUBVEY FORM CANCELLED - NO DEDLACTION	05/28/9/	PWE	
PB		ERP	EDD_640 APP		0000	UNCONTAMINATED VEHICLE SURVET FORM CANCELLED - NO REPLACEMENT	05/28/9/	PWE	
PB PB			ERP-040 APP	- 2	0000	TRANSDOR OF CONTAMINATED IN HIDV OFFICE	00/28/9/	PWE	
PB	PROC		ERP-000		0000	ENTRY FOR CONTAINTRALED INJURY OF STIE	07/11/04	PWE	
۲ð	FRUC	ERP	LKF-000		0007	BV FRD-620	07711794		
РВ	PROC	FDD	FRR-670		0004	EMERGENCY RADIATION EXPOSURE GUIDELINES AND CONTROLS	12/11/06	PWE	
PB	PROC	FRD	ERP-680		0007	CONTROL OF THYROTO BLOCKING POTASSTUM TODIOF (KT) TARLETS	12/11/30	PWE	
PB		FRD	FRD-680 ADD	2 1	0001	POTASSIUM IODIDE WORKSHEET	02/20/07	PWE	
- 5	1100	L	-A 000 AP	•	0001		02/20/3/	r W C	

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PEACH BOTTOM ATOMIC POWER STATION

PROCEDURE INDEX REPORT:

FAC	DOC TYPE	PROC TYPE	PROCEDURE	NUMBER	CURR REV NBR	TITLE	EFFECTIVE DATE	RESP GROUP	SYSTEM NBR
PB PB PB PB PB PB	PROC PROC PROC PROC PROC PROC PROC	ERP ERP ERP ERP ERP	ERP-680 APP ERP-680 APP ERP-680 APP ERP-700 ERP-710 ERP-800 ERP-810	3	0001 I 0001 K 0010 T 0008 T 0006 0	POTASSIUM IODIDE CONSENT FORM INSTRUCTION AND RECORD SHEET FOR PERSONS RECEIVING KI I AUTHORIZATION FECHNICAL SUPPORT TEAM FECHNICAL SUPPORT GROUP CANCELLED - REPLACED BY ERP-700 OPERATIONS SUPPORT CENTER DIRECTOR (OSC DIRECTOR) MAINTENANCE TEAM	11/30/94 02/20/97 02/20/97 09/22/00 11/02/98 10/07/98 07/07/99	PWE PWE PWE PWE PWE PWE PWE	

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