



PECO Energy Company  
Nuclear Group Headquarters  
965 Chesterbrook Boulevard  
Wayne, PA 19087-5691

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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. These procedures are required to be submitted within thirty (30) days of their revision in accordance with 10CFR50, Appendix E, and 10CFR50.4.

- ERP-200, Revision 16, "Emergency Director (ED)"
- ERP-200, Appendix 1, Revision 3, "Emergency Director Checklist (MCR)"
- ERP-200, Appendix 2, Revision 4, "Emergency Director Checklist (TSC)"
- ERP-200, Appendix 3, Revision 4, "Event Notification Form"
- ERP-200, Appendix 4, Revision 4, "Station Public Address Announcements"
- ERP-200, Appendix 5, Revision 3, "Par Development and Issuance"
- ERP-200, Appendix 6, Revision 1, "Dose Assessment Data Sheet"
- ERP-200, Appendix 7, Revision 0, "Turnover/Briefing Form"

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,

James A. Hutton  
Director - Licensing

Attachments

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

A045

Effective Date: 7/10/00

ERP-200  
Rev 16  
Page 1 of 6  
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PECO NUCLEAR  
PEACH BOTTOM UNITS 2 AND 3  
EMERGENCY RESPONSE PROCEDURE

ERP-200 Emergency Director (ED)  
(This is a complete rewrite)

1.0 RESPONSIBILITIES

- 1.1 Recognize and classify an event or condition.
- 1.2 Direct the notification of the off-site agencies within 15 minutes of classification of the Emergency.
- 1.3 Direct the call out of the Emergency Response Organization (ERO)
- 1.4 Direct the activation of the proper Emergency Response Facilities.
- 1.5 Direct assessment actions and monitor results.
- 1.6 Direct actions for protection of site personnel:
  - 1.6.1 Site or local evacuations.
  - 1.6.2 Dose Extensions and Emergency Dose Authorizations
  - 1.6.3 Administration of Potassium Iodide (KI)
- 1.7 Direct on-site actions to mitigate the accident:
  - 1.7.1 Confer with shift personnel on plant status.
  - 1.7.2 Verify proper operation of plant systems and monitors.
  - 1.7.3 Strictly enforce procedures to limit emergency facility access to prevent crowding and to ensure that the line of command remains clear.
  - 1.7.4 Development of Emergency Special Procedures.

**NOTE**

The following four responsibilities will be transferred to the Emergency Operations Facility (EOF) when activated.

- 1.8 Dose Assessment.
- 1.9 Protective Action Recommendations.

- 1.10 Communication with off-site agencies.
- 1.11 Overall command and control of the Emergency Response

2.0 INITIAL ACTIONS

- 2.1 Shift Manager or designated alternate shall assume duty of Emergency Director and implement actions in Appendix 1.

**NOTE**

On call Emergency Director may assume duties of Emergency Director in the Main Control Room at the Unusual Event Classification when TSC activation is not required.

- 2.2 On call Emergency Director shall respond to the Technical Support Center (TSC) OR Main Control Room as dictated by plant conditions or emergency classifications.
- 2.3 On call Emergency Director shall implement steps in Appendix 2.

3.0 CONTINUING ACTIONS

**NOTE**

The Emergency Director may elect to assign a person as an assistant. The Emergency Director shall designate those functions for which the assistant is responsible.

**NOTE**

Title 10 of the Code of Federal Regulations, Section 50.54 (x) and (y) permit deviation from a license condition or commitment, in an emergency, when this action is needed immediately to protect the public health and safety, and when it is not immediately apparent that an action consistent with license conditions and Technical Specifications can provide adequate or equivalent protection. Actions taken in accordance with these sections should be initiated and terminated individually, treating each as a separate occurrence and shall be approved as a minimum by a Licensed Senior Operator or an Emergency Director holding the station NRC license prior to taking the action.

- 3.1 Evaluate ERO staffing and the need for additional call out.
- 3.2 Implement local evacuation if deemed appropriate. (GP-15)
- 3.3 Perform periodic briefings for ERO staff.
- 3.4 IF plant conditions warrant, implement Severe Accident Management (SAM) program.
  - 3.4.1 Verify with the Technical Support Team Leader (TSTL) that SAM Evaluators have been designated.

- 3.4.2 Review the recommendations from the SAM Evaluators for potential strategies that may be utilized to mitigate the emergency.
- 3.4.3 Direct implementation of the selected strategy.
- 3.5 Confer with the Dose Assessment Coordinator (DAC):
  - 3.5.1 Status of any monitored or unmonitored radioactive releases in progress.
  - 3.5.2 Protective Action Recommendation (PAR) upgrades.
  - 3.5.3 Consider performing analysis of release to determine isotopic mix for input into Mesorem, Jr.
  - 3.5.4 Verify all teams are using correct wind direction when planning activities in the event of a radiological release. (i.e., Security, Chemistry, and Field Survey) **CM-3**
- 3.6 Confer with the Chemistry Team Leader (CTL) to verify appropriate sampling and analysis activities are in progress.
- 3.7 Confer with the Health Physics Team Leader (HPTL) and evaluate:
  - 3.7.1 Emergency worker exposure.
  - 3.7.2 Authorization of emergency radiation exposure per ERP-670.
  - 3.7.3 Authorization of potassium iodide administration per ERP-680.
  - 3.7.4 Emergency facility habitability.
  - 3.7.5 IF TSC becomes uninhabitable, transfer TSC function per ERP-205.
- 3.8 Confer with the Security Team Leader (STL) concerning site security, access control, and personnel accountability.
- 3.9 Confer with the Technical Support Team Leader (TSTL) to analyze plant conditions and to provide recommendations for mitigating the emergency.
  - 3.9.1 Provide the TSTL with priorities for engineering activities.
  - 3.9.2 Evaluate plant conditions, i.e. fuel damage, coolant boundary, containment integrity, for additional input into Protective Action Recommendations.

- 3.10 Periodically update Shift Management, OSC Director, and Emergency Response Manager (ERM) on the Emergency Status:
  - 3.10.1 Actions taken to mitigate the event.
  - 3.10.2 Trends which may impact the emergency classification.
  - 3.10.3 Status of evacuation.
  - 3.10.4 Injury and ambulance response.
  - 3.10.5 Precautionary recommendations.
  - 3.10.6 Any emergency worker dose extensions.
- 4.0 FINAL CONDITIONS
  - 4.1 Review ERP-C-1900 to determine if entry into recovery is appropriate.
  - 4.2 WHEN conditions warrant, THEN coordinate with the ERM on appropriate decision to de-escalate, terminate, or enter the recovery phase.
    - 4.2.1 Complete Event Notification Form in Appendix 3.
    - 4.2.2 Direct ED Communicator or SAS Operator to make notifications per ERP-110.
    - 4.2.3 Direct NRC Communicator to notify the NRC
    - 4.2.4 Direct an appropriate public address announcement.
  - 4.3 Deactivate TSC at discretion of ED or per the recovery plan developed during implementation of ERP-C-1900.
  - 4.4 Submit written summaries within 8 hour of Alert or higher termination and within 24 hours of an Unusual Event termination.
- 5.0 ATTACHMENTS AND APPENDICES
  - 5.1 Appendix 1 - Emergency Director Checklist (MCR) **CM-1**
  - 5.2 Appendix 2 - Emergency Director Checklist (TSC) **CM-1**
  - 5.3 Appendix 3 - Event Notification Form
  - 5.4 Appendix 4 - PA Announcement
  - 5.5 Appendix 5 - PAR Development and Issuance **CM-1, CM-2**
  - 5.6 Appendix 6 - Dose Assessment Data Sheet
  - 5.7 Appendix 7 - Turnover/Briefing Form

## 6.0 SUPPORTING INFORMATION

### 6.1 Purpose

To describe the responsibilities of and provide guidance for the ED in the management of the emergency response organization.

### 6.2 Criteria for Use

This procedure is implemented upon the classification of an event according to ERP-101, and the declaration of an emergency.

### 6.3 Special Equipment

None

### 6.4 References

- 6.4.1 Nuclear Emergency Plan
- 6.4.2 ERP-101, Classification of Emergencies
- 6.4.3 ERP-110, Emergency Notifications
- 6.4.4 ERP-130 Site Evacuation
- 6.4.5 GP-15, Local Evacuation
- 6.4.6 ERP-140, Emergency Response Organization (ERO) Call Out
- 6.4.7 ERP-205, Emergency Preparedness Coordinator/TSC
- 6.4.8 ERP-670, Emergency Radiation Exposure Guideline and Controls
- 6.4.9 ERP-C-1900, Recovery Phase Implementation
- 6.4.10 ERP-680, Control of Thyroid Blocking Potassium Iodide (KI) Tablets
- 6.4.11 Severe Accident Management Plans (SAMP)
- 6.4.12 Technical Support Guidelines (TSG)
- 6.4.13 NUREG 0654, FEMA-REP-1, Criteria for Preparations and Evaluation of Radiological Emergency Response Plans in Support of Nuclear Power Plants

### 6.5 Commitment Annotation

- 6.5.1 CM-1, PB Inspection Report 92-19/19, T02540 (Appendix 1, 2, 5)

- 6.5.2 CM-2, NRC IFI 93-34-05, T03288, (Appendix 5)
- 6.5.3 CM-3, NRC IFI 93-10-01, T03279, (section 3.5.4)

Effective Date: 7/10/00

EMERGENCY DIRECTOR CHECKLIST (MCR)  
 (This is a complete rewrite)

Initial Actions	UE	A	SAE	GE
Continuously monitor plant conditions for changes. If conditions warrant, immediately re-classify emergency per ERP-101 and re-start at the next step				
Verify classification if time permits				
Inform Control Room Staff of classification				
Complete Event Notification Form-Appendix 3				
• Fax the form to the SAS Operator at 3228				
• Phone the SAS Operator at 281 or 4277				
• If Alert or higher, direct activation of the ERO	Opt.			
• Refer SAS Operator to the Emergency Notification Binder				
IF a General Emergency is declared and the TSC is not activated <b>THEN</b> develop and deliver a PAR within 15 minutes per Appendix 5	N/A	N/A	N/A	
Appoint NRC Communicator				
• Refer the communicator to the Reportability Reference Manual for the Event Notification Worksheet				
• Direct activation of the Emergency Response Data System per ERP-110				
• Direct notification of the NRC using the number posted on the ENS phone				
Direct Public Address Announcement per Appendix 4.				
IF dose assessment is required,				
• Contact Limerick Main Control Room Shift Management (81-161, 802-2128 or 2120) and request Shift Dose Assessment Personnel (SDAP) to perform dose projections				
• Fax a completed "Dose Assessment Data Sheet" (Appendix 6) to the Limerick SDAP at 802-2092				
Include accident assessment information in MCR logs				
Perform Site Evacuation per ERP-130 (Complete ERP-130 Appendix 2 notification)	Opt.	Opt.		

Initial Actions	UE	A	SAE	GE
If plant conditions warrant, implement Severe Accident Management Program				
Complete Turnover/Briefing Form-Appendix 7	Opt.			
Turnover ED responsibilities to on call ED	Opt.			
When conditions warrant, return to procedure section 4.0, Final Conditions				

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APPENDIX ERP-200-2  
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EMERGENCY DIRECTOR CHECKLIST (TSC)

(This is a complete rewrite)

Initial Actions - TSC Activation

1. \_\_\_\_\_ Contact Shift Manager and the OSC Director using OMNI phone conference circuit 31 (use the desk phone or the cordless phone)
2. \_\_\_\_\_ Complete the ED Turnover/Briefing Form - Appendix 7
3. \_\_\_\_\_ Verify with EP Coordinator, that the TSC activation checklist is completed
4. \_\_\_\_\_ Ensure activation of the Emergency Response Data System
5. \_\_\_\_\_ Determine from the HPTL, TSC radiological habitability status
6. \_\_\_\_\_ Verify with Dose Assessment Coordinator, dose assessment is initiated
7. \_\_\_\_\_ Verify sufficient staff is available to mitigate the emergency
8. \_\_\_\_\_ Initiate Accident Assessment Log
9. \_\_\_\_\_ Announce "TSC Activated" both in the TSC and on the plant PA system

Appendix 2  
EMERGENCY DIRECTOR CHECKLIST (TSC)

Initial Actions	UE	A	SAE	GE
Continuously monitor plant conditions for changes. If conditions warrant, immediately re-classify emergency per ERP-101 and re-start at the next step				
Verify classification if time permits				
Inform TSC Staff of classification				
Complete Event Notification Form-Appendix 3				
Direct ED Communicator to make notifications per ERP-110				
<b>IF</b> General Emergency is Declared and EOF is not yet activated, <b>THEN</b> develop and deliver PAR within 15 minutes per Appendix 5	N/A	N/A	N/A	
Direct NRC Communicator to notify the NRC per the Reportability Reference Manual Form, "Event Notification Worksheet"				
Direct Public Address Announcement per Appendix 4.				
Perform Site Evacuation per ERP-130 (Complete ERP-130 Appendix 2 notification)	Opt.	Opt.		
If plant conditions warrant, implement Severe Accident Management Program				
Complete Turnover/Briefing Form-Appendix 7	Opt.	Opt.		
Turnover ERM responsibilities to EOF	Opt.	Opt.		
Periodically review procedure section 3.0, Continuing Actions				
When conditions warrant, return to procedure section 4.0, Final Conditions				

Effective Date: 7/10/00

EVENT NOTIFICATION FORM

(This is a complete rewrite)

This is a Drill

This is not a Drill

1. This is : \_\_\_\_\_ at Peach Bottom Atomic Power Station  
(SAS Operator/ED Communicator)

My phone number is: \_\_\_\_\_ or 717-456-\_\_\_\_\_.

2. EMERGENCY CLASSIFICATION:

Unusual Event

Site Area Emergency

Alert

General Emergency

The Event has been Terminated

UNIT: \_\_\_\_\_ TIME: \_\_\_\_\_ DATE: \_\_\_\_\_

THIS REPRESENTS A/AN:  Initial Declaration }

Escalation }

IN CLASSIFICATION STATUS

No Change . }

Reduction }

3. BRIEF NON-TECHNICAL DESCRIPTION OF THE EVENT:

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
-----

4. THERE IS:  No }

An Airborne }

NON-ROUTINE RADIOLOGICAL RELEASE  
IN PROGRESS

A Liquid }

5. WIND DIRECTION IS FROM: \_\_\_\_\_ degrees WIND SPEED IS: \_\_\_\_\_ MPH

This is a Drill

This is not a Drill

SHIFT MANAGER/ED APPROVAL: \_\_\_\_\_

Effective Date: 7/10/00

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STATION PUBLIC ADDRESS ANNOUNCEMENTS

(This is a complete rewrite)

UNUSUAL EVENT

NOTE: CIRCLE THE APPROPRIATE PHRASE(S) TO BE ANNOUNCED.

DECLARATION MESSAGE

THIS (IS) (IS NOT) A DRILL. REPEAT, THIS (IS) (IS NOT) A DRILL.

ATTENTION ALL PERSONNEL. ATTENTION ALL PERSONNEL.

THE EMERGENCY DIRECTOR HAS DECLARED AN UNUSUAL EVENT.

ALL PERSONNEL SHOULD CONTINUE WITH NORMAL DUTIES AS DIRECTED BY THEIR SUPERVISION UNLESS FURTHER NOTIFIED ON THE PUBLIC ADDRESS SYSTEM.

THIS (IS) (IS NOT) A DRILL. REPEAT, THIS (IS) (IS NOT) A DRILL.

**ALERT**

**SITE AREA EMERGENCY**

**GENERAL EMERGENCY**

NOTE: CIRCLE THE APPROPRIATE PHRASE(S) TO BE ANNOUNCED.

**DECLARATION MESSAGE**

THIS (IS) (IS NOT) A DRILL. REPEAT, THIS (IS) (IS NOT) A DRILL.

ATTENTION ALL PERSONNEL. ATTENTION ALL PERSONNEL.

THE EMERGENCY DIRECTOR HAS DECLARED A/AN (ALERT)  
(SITE AREA EMERGENCY) (GENERAL EMERGENCY).

ALL MEMBERS OF THE EMERGENCY RESPONSE ORGANIZATION REPORT TO YOUR  
EMERGENCY FACILITY OR EMERGENCY ASSEMBLY AREA.

ALL NON-ESSENTIAL PERSONNEL AWAIT FURTHER PUBLIC ADDRESS  
INSTRUCTIONS.

ALL VISITORS WITH THEIR ESCORTS SHALL REPORT TO THE GUARDHOUSE  
AND FOLLOW THE INSTRUCTIONS OF THE SECURITY PERSONNEL.

THIS (IS) (IS NOT) A DRILL. REPEAT, THIS (IS) (IS NOT) A DRILL.

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APPENDIX ERP-200-5  
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**PAR DEVELOPMENT AND ISSUANCE**

(This is a complete rewrite)

1. \_\_\_\_\_ Set time requirement for delivery of PAR. (Within 15 minutes of General Emergency Declaration)
2. \_\_\_\_\_ Consult with Dose Assessment, if available, to determine if PAR will be based on Plant Conditions or Dose Projections.
3. \_\_\_\_\_ Complete PAR worksheet.
4. \_\_\_\_\_ Deliver PAR to Pennsylvania Senior State Official at OMNI Extension 216 and Maryland Department of the Environment at OMNI Extension 235 or 292.
5. \_\_\_\_\_ If PAR cannot be delivered to either state, then provide PAR directly to affected counties as listed in ERP-110.

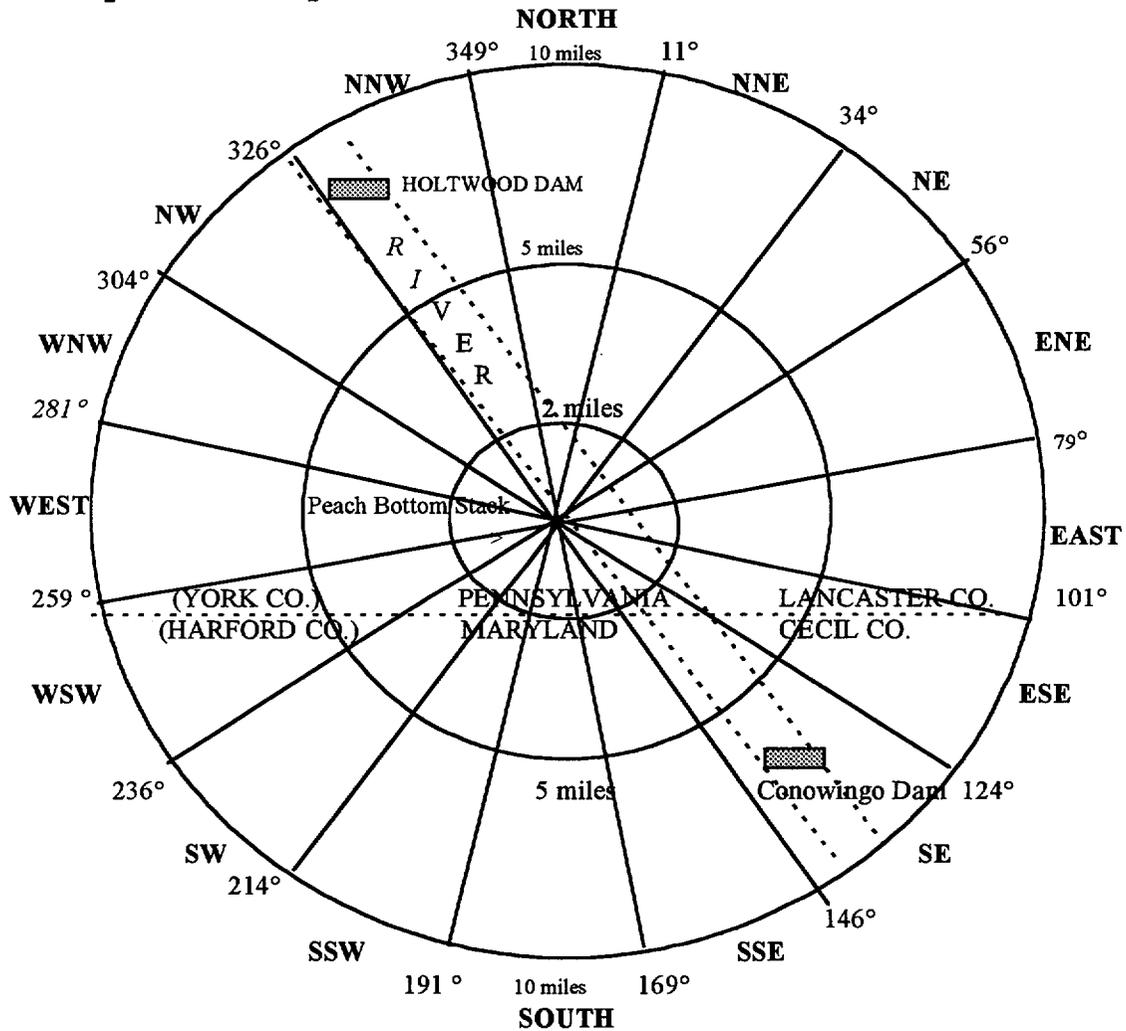
**PAR WORKSHEET**

PAR DATA: \_\_\_\_\_ Plant Status (based on ERP-101, table \_\_\_\_\_)  
 \_\_\_\_\_ Dose Projection (based on MESOREM run \_\_\_\_\_, \_\_\_\_\_)  
 Time \_\_\_\_\_ Date \_\_\_\_\_

METEOROLOGICAL DATA: Wind Direction "from" instrumentation \_\_\_\_\_ degrees  
 Windspeed \_\_\_\_\_ mph Wind Direction "to" +/- 180 = \_\_\_\_\_ degrees

PAR SECTORS: AREA	SHELTER	EVACUATE	NO ACTION
0-2 miles			
2-5 miles			
5-10 miles			
* >10 miles			

\* Not required for pre-determined PAR's from ERP-101.



	PERSON NOTIFIED	TIME	DATE
PENNSYLVANIA SENIOR STATE OFFICIAL (Ext. 216)			
MARYLAND MDE (Ext. 235 or 292)			

Effective Date: 7/10/00

DOSE ASSESSMENT DATA SHEET

1.0 Time/Date of the release? Time \_\_\_\_\_ Date \_\_\_\_\_

2.0 Is the release in progress? (circle one) YES NO

2.1 If yes, time the release has been in progress? Time \_\_\_\_\_

2.2 If no, time until the release begins? Time \_\_\_\_\_

3.0 Has the reactor scrammed? (circle one) YES NO

3.1 If yes, when did the reactor reach 0% power? Time \_\_\_\_\_ Date \_\_\_\_\_

4.0 Release Point (Indicate all that apply)

- \_\_\_\_\_ Unit 2 Roof Vent
- \_\_\_\_\_ Unit 3 Roof Vent
- \_\_\_\_\_ Main Stack
- \_\_\_\_\_ Unit 2 Torus Hardened Vent
- \_\_\_\_\_ Unit 3 Torus Hardened Vent
- \_\_\_\_\_ Unmonitored

5.0 Is release process through SGTS? (circle one) YES NO

6.0 Is this release from

6.1 Drywell (circle one) YES NO

6.2 If yes, are sprays on? (circle one) YES NO

6.3 Suppression Chamber, If yes, (circle one) YES NO

6.4 Is Suppression Chamber  Saturated  Subcooled

6.5 Other \_\_\_\_\_

Completed by \_\_\_\_\_

Date/Time \_\_\_\_\_

Effective Date: 7/10/00

**TURNOVER/BRIEFING FORM**

CURRENT EMERGENCY CLASSIFICATION: \_\_\_\_\_ Time: \_\_\_\_\_

EAL TABLE: \_\_\_\_\_ Date: \_\_\_\_\_

CURRENT PLANT CONDITIONS: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

PERSONNEL INJURIES: \_\_\_\_\_  
\_\_\_\_\_

EVACUATION STATUS: \_\_\_\_\_

ACCOUNTABILITY STATUS: \_\_\_\_\_

OFF SITE ELECTRICAL POWER STATUS: \_\_\_\_\_

EMERGENCY DIESEL STATUS: \_\_\_\_\_

RADIOLOGICAL CONDITIONS IN PLANT: \_\_\_\_\_  
\_\_\_\_\_

OFF SITE RELEASE CONDITIONS: \_\_\_\_\_  
\_\_\_\_\_

PRIORITIES: \_\_\_\_\_  
\_\_\_\_\_

Control Room Shift Manager: \_\_\_\_\_

OSC Director: \_\_\_\_\_

Emergency Director: \_\_\_\_\_ EOF ERM: \_\_\_\_\_

NRC contacted: \_\_\_\_\_ ERDS data link activated: \_\_\_\_\_

UNIT 2 STATUS: Reactor Power Level or Mode: \_\_\_\_\_

Reactor Level: \_\_\_\_\_ Reactor Pressure: \_\_\_\_\_

System Availability:

Comments:

HPCI	Yes _____	No _____	_____
RCIC	Yes _____	No _____	_____
ADS	Yes _____	No _____	_____
COND/FEED	Yes _____	No _____	_____
A Loop C/S	Yes _____	No _____	_____
B Loop C/S	Yes _____	No _____	_____
A Loop RHR	Yes _____	No _____	_____
B Loop RHR	Yes _____	No _____	_____
HPSW	Yes _____	No _____	_____
ESW	Yes _____	No _____	_____
SBLC	Yes _____	No _____	_____
CRD	Yes _____	No _____	_____
SBGTS	Yes _____	No _____	_____
RPV Intact	Yes _____	No _____	_____
Cont. Intact	Yes _____	No _____	_____

UNIT 3 STATUS: Reactor Power Level or Mode: \_\_\_\_\_

Reactor Level: \_\_\_\_\_ Reactor Pressure: \_\_\_\_\_

System Availability:

Comments:

HPCI	Yes _____	No _____	_____
RCIC	Yes _____	No _____	_____
ADS	Yes _____	No _____	_____
COND/FEED	Yes _____	No _____	_____
A Loop C/S	Yes _____	No _____	_____
B Loop C/S	Yes _____	No _____	_____
A Loop RHR	Yes _____	No _____	_____
B Loop RHR	Yes _____	No _____	_____
HPSW	Yes _____	No _____	_____
ESW	Yes _____	No _____	_____
SBLC	Yes _____	No _____	_____
CRD	Yes _____	No _____	_____
SBGTS	Yes _____	No _____	_____
RPV Intact	Yes _____	No _____	_____
Cont. Intact	Yes _____	No _____	_____

Complete by: \_\_\_\_\_ Time: \_\_\_\_\_ Date: \_\_\_\_\_

## PROCEDURE INDEX REPORT:

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 INSTUCTIONS FOR SYSTEM RESET	09/14/94	PWE	
PB	PROC	ERP	ERP-C-1300	0009	EMERGENCY OPERATIONS FACILITY (EOF) DOSE ASSESSMENT TEAM LEADER	04/04/00	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	0006	EMERGENCY OPERATIONS FACILITY (EOF) FIELD SURVEY GROUP LEADER	04/24/00	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	0001	FIELD SURVEY GROUP LEADER DATA SHEET	04/24/00	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	0021	CLASSIFICATION OF EMERGENCIES	11/13/99	PWE	
PB	PROC	ERP	ERP-110	0012	EMERGENCY NOTIFICATIONS	08/06/98	PWE	
PB	PROC	ERP	ERP-110 APP 1	0054	EMERGENCY NOTIFICATION TELEPHONE LIST	04/14/00	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	PWE	
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	PWE	
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	PWE	
PB	PROC	ERP	ERP-140 APP 6	0013	SECURITY TEAM CANCELLED - REPLACED BY PIMS PRINTOUTS ISSUED MONTHLY PER RT/ERP-2	08/20/92	PWE	
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	PWE	
PB	PROC	ERP	ERP-140 APP 8	0009	COMPANY CONSULTANTS AND CONTRACTORS CANCELLED - INCLUDED IN EMERGENCY TELEPHONE DIRECTORY	08/20/92	PWE	
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	PWE	
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	PWE	
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	0003	DOSE ASSESSMENT COORDINATOR (DAC)	12/04/98	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	0003	FIELD SURVEY DATA SHEET	03/19/97	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	

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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-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 \*\*