PECO ENERGY

10CFR50, Appendix E

PECO Energy Company
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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 is the following procedure revision to the Emergency Response Procedures (ERPs) for Peach Bottom Atomic Power Station (PBAPS), Units 2 and 3. This procedure is required to be submitted within thirty (30) days of its revision in accordance with 10CFR50, Appendix E, and 10CFR50.4.

- ERP-306, Revision 0, "Limerick Response for Shift Dose Assessment Personnel (SDAP)"

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. G. Helker /for

James A. Hutton
Director - Licensing

Attachments

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

A045

Effective Date: 6/30/00

PECO NUCLEAR
PEACH BOTTOM ATOMIC POWER STATION
EMERGENCY RESPONSE PROCEDURE

ERP-306 LIMERICK RESPONSE FOR SHIFT DOSE ASSESSMENT PERSONNEL (SDAP)

WARNING

THIS PROCEDURE SHALL BE IMPLEMENTED UPON DECLARATION OF AN EMERGENCY AT LIMERICK OR AT THE DISCRETION OF LIMERICK SHIFT MANAGEMENT

1.0 RESPONSIBILITIES

1.1 Reports to the Limerick shift management.

1.2 Capable of reporting to the Peach Bottom Control Room within 15 minutes when requested to perform dose projections.

1.3 Provides off-site dose projections and applicable protective action recommendations due to radiological releases or projected radiological releases within 30 minutes of the initiating event (accident, transient).

1.4 Turns over radiological information to the Dose Assessment team when activated.

NOTE

SHIFT DOSE ASSESSMENT PERSONNEL ACTIVELY PERFORMING DOSE PROJECTIONS SHALL HAVE NO OTHER RESPONSIBILITIES DURING EMERGENCIES THAT DETRACT FROM DOSE ASSESSMENT CALCULATIONS.

2.0 INITIAL ACTIONS:

NOTE

IMPLEMENTATION OF THIS PROCEDURE DOES NOT CONSTITUTE IMPLEMENTATION OF THE NUCLEAR EMERGENCY PLAN.

2.1 **WHEN** an alert or higher level emergency is declared **OR WHEN** requested by Limerick shift management **THEN** report to the Peach Bottom Control Room.

2.2 Activate computer used for dose assessment.

2.2.1 Turn on computer power.

2.2.2 **IF** computer and printer do not activate **THEN** ensure individual switches are turned on.

2.2.3 Verify paper is loaded in adequate suppy.

2.2.4 Log onto Mesorem Jr.

1. Control Room
   a. Password = MCR
   b. User ID = 111111

2.2.5 **IF** Equipment failure occurs **THEN** relocate to the TSC dose Assessment Room

1. TSC
   a. Password = TSC
   b. User ID = 222222

NOTE

THE PASSWORD AND USER ID FOR THE CONTROL ROOM DOSE ASSESSMENT COMPUTER WILL ALLOW ACCESS TO FAST MODE A, AUTO MODE A, OR LIQUID DOSE CALCULATIONS.

THE PASSWORD AND USER ID FOR THE TSC DOSE ASSESSMENT COMPUTER WILL ALLOW ACCESS TO FAST MODE A, MODE A, AUTO MODE A, LIQUID DOSE CALCULATIONS OR BACK CALCULATION SOURCE TERM.

2.3 Establish communication and receive a briefing on the emergency situation from Limerick Shift Management via dedicated telephone 81-161 or 802:2128.

2.4 Request "Dose Assessment Data Sheet" (ERP-200-2) from Limerick Shift Management to be completed and faxed to 807:4793.

2.5 Complete appropriate section(s) of Attachment 1, "Input Parameters" (Part 1 is required for any dose projection). **IF** actual values are not available **THEN** use default values given on the attachment.

3.0 CONTINUING ACTIONS

3.1 **IF** performing dose projections for Limerick in the Peach Bottom Control Room,
THEN select either, Fast Mode A or Auto Mode A.

3.1.1 For Auto Mode A, see attachment 2 titled, "Auto Mode A".

3.1.2 For Fast Mode A, see attachment 3 titled, "Fast Mode A".

3.1.3 For Liquid Dose Calculations, see attachment 5 titled, "Liquid Release".

3.1.4 When dose projection is completed perform self check per Attachment 7, "Dose Assessment Self Check".

3.1.5 Advise Limerick Shift Management and DAC of results of dose projection.

WARNING

THE BASIS FOR THE UNUSUAL EVENT DETERMINATION PER ERP-101-5, "RADIOLOGICAL EFFLUENT RELEASE" A VALID READING ON ONE OR MORE OF THE FOLLOWING RADIATION MONITORS THAT EXCEEDS TWO TIME THE HIHI ALARM SETPOINT VALUE FOR IS HI-HI EFFLUENT ALARM FOR GREATER THAN 60 MINUTES:

NORTH STACK, SOUTH STACK, RADWASTE DISCHARGE, SERVICE WATER, RHRSW
AND

CALCULATED MAXIMUM OFFSITE DOSE RATE USING MESOREM JR. EXCEEDS

.114 mRem/hr TPARD

OR

.342 mRem/hr CHILD THYROID CDE BASED ON A 60 MINUTE AVERAGE

15 MINUTE AVERAGE DATA IS USED FOR ALERT, SITE AREA EMERGENCY OR GENERAL EMERGENCY

3.1.6 Repeat dose calculations as conditions change substantially until relieved by the Limerick Dose Assessment Coordinator or EOF Dose Assessment Team.

3.2 IF performing dose projections for Limerick in the Peach Bottom TSC,
THEN select F2, Execute Dispersion Model from the command menu.

3.2.1 For Auto Mode A, see attachment 2 titled, "Auto Mode A".

3.2.2 For Fast Mode A, see attachment 3 titled, "Fast Mode A".

3.2.3 For Mode A, see attachment 4 titled, "Mode A".

3.2.4 For Liquid Dose Calculations, see attachment 5 titled, "Liquid Release".

3.2.5 **IF** unmonitored release is in process.
THEN determine wind direction
AND request Health Physics Team Leader/Health Physics Group Leader to dispatch field survey team to downwind locations.

1. **IF** unmonitored release point is North Stack
THEN perform Attachment 8, "Use of North Stack Dose Rate to Estimate Release Source Term"

2. Select F5, Back Calculate Source Term from the command menu AND enter data from attachment titled, "Input Parameters" Part 4, in response to system prompts.

3.2.6 When dose projection is completed perform self check per Attachment 7, "Dose Assessment Self Check".

3.2.7 Advise Limerick Emergency Director of results of dose projection.

3.2.8 **WHEN** contacted by the Limerick Technical Support Center (TSC), Dose Assessment Coordinator (DAC) or Dose Assessment Team Leader at the Emergency Operations Facility (EOF)
THEN provide turnover using attachment 9, Dose Assessment Turnover Sheet.

1. Inform Limerick Shift Management that dose assessment activities will be performed in the TSC or the EOF as appropriate.

4.0 FINAL CONDITIONS

4.1 The Emergency Director determine that the Shift Dose Assessment Personnel function is no longer required.

4.2 The potential for and/or actual airborne release has been alleviated.

4.3 The Limerick Dose Assessment Coordinator or EOF Dose Assessment Team has taken over the dose assessment function.

4.4 Records generated are compiled for review and submitted to the Nuclear Records Management System (NRMS).

5.0 ATTACHMENTS AND APPENDICES

5.1 Attachment 1, Input Parameters

5.2 Attachment 2, Auto Mode A

5.3 Attachment 3, Fast Mode A

5.4 Attachment 4, Mode A

5.5 Attachment 5, Liquid Release

5.6 Attachment 6, Meteorological Parameter Resources

5.7 Attachment 7, Dose Assessment Check List

5.8 Attachment 8, Use of North Stack Dose Rate Estimate Release Source Term

5.9 Attachment 9,Dose Assessment Turnover Sheet

6.0 SUPPORTING INFORMATION

6.1 Purpose

6.1.1 To provide guidelines for activation of Shift Dose Assessment Personnel and transfer of Dose Assessment functions.

6.2 Criteria for Use

6.2.1 This procedure shall be implemented to perform off-site dose calculations.

6.2.2 Utilizing Attachment 5 this procedure may be used for rapid determination, during a declared emergency, of whole body and organ doses due to liquid releases.

6.3 Special Equipment

6.3.1 Mesorem, Jr.

6.3.2 RM-11

6.4 References

6.4.1 Impell Mesorem Jr Users Manual

6.4.2 Impell Mesorem Jr Technical Manual

6.4.3 ERP-340 - Field Survey Group

6.4.4 Reg. Guide 1.109

6.4.5 EPA400-R-92-001 Oct. 1991, Manual of Protective Action Guides and Protective Actions for Nuclear Incidents

6.4.6 OEAP A0370948-AE02 (Entire Procedure)

6.4.7 PEP Issue I0001344 (Eval 01) (ERP-305, Attachment 1)

6.4.8 PEP Issue I0002326 (Eval 18) (ERP-305, Attachment 2)

6.4.9 PEP Issue I0002326 (Eval 27) (ERP-305, Attachment 1)

6.4.10 PEP Issue I0002326 (Eval 28) (ERP-305, Attachment 5)

6.5 Commitment Annotation

None

ATTACHMENT 1
INPUT PARAMETERS
(Ref. 6.4.7, 6.4.9)
(Page 1 of 4)

PART 1. Information required for any dose projection.

I. EVENT INFORMATION

1. Current classification _____ Time _____

2. Determine Design Basis Accident (Ref. 6.4.11)

☐ a. Major Fuel Manage (LOCA) (D/W Rad Monitor ≥ 100 R/hr)
☐ b. Minor Fuel Damage (No Iodine) D/W Rad Monitor < 100 R/hr
☐ c. Demin Backwash

3. Basis for Dose Projection

☐ a. St-6-104-880 (threshold exceeded) use 15 minute average data
☐ b. ERP-101, use 60 minute average data
☐ c. Direction from the Emergency Director based

4. Time of Release in Military Format _____:_____ (HH:MM)

5. Date of Release in Standard Format _____/_____/_____ (MM/DD/YY)

6. Night or Day? _____ (N or D)

7. Adverse Weather or Normal Weather? _____ (A or N)

8. Estimated Release Duration: _____:_____ (HH:MM) (Default Value 4:00)

9. Has the Release been in Progress? _____ (Y or N)

10. - If Yes: Time Release has been in Progress _____:_____ (HH:MM)

11. - If No: Time Until Release Begins: _____:_____ (HH:MM)

12. Has the Reactor reached 0% Power? _____ (Y or N)

13. Time of Reactor reaching 0% Power _____:_____ (HH:MM)

14. Account for Wet Deposition? _____ (Y or N)

ATTACHMENT 1
INPUT PARAMETERS
(Ref. 6.4.7, 6.4.9)
(Page 2 of 4)

4. Release Points (check one or more)

a) _____ Unit 1 South Stack

b) _____ Unit 2 South Stack

c) _____ North Stack

d) _____ Unmonitored Release

16. Is the release processed through SBGT _____ (Y or N)

17. Is release process through RERS _____ (Y or N)

18. Is release from Drywell Atmosphere/Supp Pool Atmosphere or Other

a) If (18) is Drywell, are Drywell Sprays ON/OFF? _____

b) If (18) is Supp Pool, is Supp Pool Atmosphere Saturated/Subcooled? _____

19. Simultaneous Release? _____ (Y or N)

Verify Standby Gas Treatment Efficiency. Utilize 95.0% default value until the current efficiency can be verified by Limerick Shift Management and/or System Engineer or by the most recent surveillance test.

PART 2. Information required only if Auto Mode A is unavailable.

I. METEOROLOGICAL PARAMETERS

(For backup or alternate source inputs, refer to the attachment 6 titled, "Meteorological Parameter Resources")

IA. For Unit 1 South Stack Release, Unit 2 South Stack Release or North Stack

Wind Speed _____ mph from Tower 1, 175 ft.

Wind Direction _____ from Tower 1, 175 ft.

Delta Temperature _____ degs F from Tower 1, 266' - 26'

Ambient Temperature _____ degs F for Tower 1, 26 ft.

Precipitation _____ Tower 1 (60 minute total or 'N' = not available)

ATTACHMENT 1
INPUT PARAMETERS
(Ref. 6.4.7, 6.4.9)
(Page 3 of 4)

IC. For Unmonitored Release

Wind Speed _____ mph from Tower 1, 30 ft.

Wind Direction _____ from Tower 1, 30 ft.

Delta Temperature _____ degs F from Tower 1, 266' - 26'

Ambient Temperature _____ degs F for Tower 1, 26 ft.

Precipitation _____ Tower 1 (60 minute total or 'N' = not available)

II. EFFLUENT PARAMETERS

IIA. For Unit 1 South Stack Release

Release Rate _____ uCi/cc

(Check which parameter used)

_____ RE26185A-3, panel 10C800
_____ RE26185B-3, panel 10C800

Flow Rate _____ kcfm (panel 10C800)

IIB. For Unit 2 South Stack Release

Release Rate _____uCi/cc

(Check which parameter used)

_____ RE26285A-3, panel 20C800
_____ RE26285B-3, panel 20C800

Flow Rate _____ kcfm (panel 20C800)

IIC. For North Stack Release

Release Rate _____ uCi/SEC

(Check which parameter used)

_____ RE26076-4, panel 00C824

Flow Rate _____ kcfm (panel 00C824)

ATTACHMENT 1
INPUT PARAMETERS
(Ref. 6.4.7, 6.4.9)
(Page 4 of 4)

PART 3. Information required for known isotopic projections.

I. Isotopic Breakdown

If known, enter sample results.

Kr 83m	_____	Xe 131m	_____
Kr 85m	_____	Xe133m	_____
Kr 85	_____	Xe 135m	_____
Kr 87	_____	Xe 135	_____
Kr 88	_____	Xe 137	_____
Kr 89	_____	Xe 138	_____

Total Noble Gas Concentration _____ uCi/cc uCi/cc

I-131	_____	I-133	_____	I-135	_____
I-132	_____	I-134	_____		

Total Iodine Concentration _____ uCi/cc

PART 4. Unknown Isotopic Breakdown for Unmonitored Release

Field Survey Whole Body Dose Rate _____ mr/hr

Field Survey Thyroid Dose Rate _____ mr/hr

Distance from the plant to where the field survey readings were obtained _____ miles.

Angle between the field reading location and 0 degrees North _____.

Angle is positive in the clockwise direction and must be 180 degrees from the wind direction already inputted.

ATTACHMENT 2
AUTO MODE A
(Page 1 of 4)

1. From Mode A or Auto A Menu Choose;

   F3 - Auto Mode A to initiate automatic data collection

2. Choose DBA from Accident Menu

RELEASE RATE	DOSE ASSESSMENT ACTIVITIES
> Threshold (Listed in ST-6-104-880 AND Hi-Hi Alarm < 60 minutes	Perform 15 min D/A projections using highest 15 min trend
Hi-Hi Alarm > 60 minutes AND < Threshold (Listed in ST-6-104-880	Perform 60 min D/A projections and continue to monitor RM-11 until alarm clears
Hi-Hi Alarm > 60 minutes AND > Threshold (Listed in ST-6-104-880	Perform 15 min D/A projection using highest 15 min trend, to verify an Alert, if no Alert, THEN perform 60 min D/A projection to determine Unusual Event (Ref. 6.4.8)

3. Answer the following prompts:

   a. Enter the time of the release in military format
      (Current system time = <ENTER> = 07:42)

   b. Enter the date of the release in standard format
      (Current system time = <ENTER> = 09/23/93):

   c. Night or Day?
      (N or D, <ENTER> = D):

   d. Adverse Weather or Normal Weather?
      (A or N, <ENTER> = N):

   e. Enter estimated release duration.
      00:00 to 999:00, <ENTER> = 4: 0):

ATTACHMENT 2
AUTO MODE A
(Page 2 of 4))

NOTE:

TO USE AUTO MODE A THE FOLLOWING PROMPT MUST BE ANSWERED "Y", OTHERWISE, YOU WILL BE PROMPTED TO SWITCH TO FAST MODE A. (AUTO DATA COLLECTION CANNOT HAPPEN FOR A RELEASE THAT HAS NOT YET OCCURRED).

f. Has the release been in progress?
(Y or N, <ENTER> = N): Y

g. Time the release has been in progress.
(Format is (HH:MM), <ENTER> = 0: 0):

h. When did the reactor reach 0% power?

1. Date = <ENTER> = 09/23/93:
2. Time in 24 hour format = <ENTER> = (00:00)
Time since reactor shutdown will be displayed

i. Do you wish the model to account for wet disposition?
(Y or N, <ENTER> = N):

NOTE:

METEOROLOGICAL AND RADIOLOGICAL DATA FOR THE TIME IN QUESTION WILL BE DISPLAYED. ANY OF THIS DATA CAN BE EDITED BY THE USER. ANY DATA MARKED WITH A CHECK MARK TO THE LEFT IS BAD DATA AND WILL NOT BE USED BY THE SYSTEM. THE BAD DATA MARK CAN BE REMOVED BY PRESSING ALT-B WITH THE CURSOR ON THAT DATA. THIS WILL CAUSE THE PROGRAM TO USE THAT DATA AS GOOD DATA. DATA MARKED WITH AN "R" IS DATA THAT IS OUT OF RANGE. THIS DATA CANNOT BE USED BY THE PROGRAM AND MUST BE CORRECTED.

The Auto Mode A Screen is then displayed:

j. View data and press F10 to continue.

1. If any of the data points are out of range, a warning will be displayed at the bottom of the screen and the cursor will go to the bad data point. This situation must be corrected before continuing.

ATTACHMENT 2
AUTO MODE A
(Page 3 of 4)

2. If any meteorological data points are displayed as "bad data", the backup sensor will be used by the program. If radiological data for the release point in question is bad, or if all of a particular meteorological quantity is bad, Auto Mode A will cease and the operator will be forced to use Fast Mode A or Mode A.

k. Choose release point from release point menu.

1. Meteorological Data that will be used will be displayed.

l. Enter whether isotopic breakdown is known or unknown at breakdown menu.

1. If unknown isotopic breakdown.

For Limerick North Stack, (For other release points, no SGTS prompt)

Enter the current stand-by-gas-treatment efficiency.
Range is [.0000 to 99.99]
[<ENTER> = 95.0]

Use the default value unless instructed otherwise.

NOTE:

DEPENDING ON RELEASE POINT AND ANSWERS TO THESE PROMPTS, SEVERAL PROMPTS WILL APPEAR CONCERNING THE RELEASE PATH. THESE ARE USED TO DETERMINE THE NOBEL GAS TO IODINE RATIO AND ALL HAVE "UNKNOWN" AS AN OPTION. THIS PROMPT IS AN EXAMPLE:

IS THIS RELEASE FROM DRYWELL ATMOSPHERE, SUPPRESSION CHAMBER ATMOSPHERE, OR OTHER?
(D, S, O, UNKNOWN = O <ENTER> = 0):

2. If known isotopic breakdown,

a. Then choose from isotope mix menu:

Isotopic Mix in Percentages (%)
Isotopic Mix in Concentration (μCi/cc)
Isotopic Mix in Release Rate (μCi/sec)

b. How long after scram was the sample taken?
(Enter 00:00 if the sample was taken before the scram)
(Make sure a colon ":" separates the hours and minutes)
(Format is (HH:MM), <ENTER> = 0: 0):

ATTACHMENT 2
AUTO MODE A
(Page 4 of 4)

c. Enter each noble gas and iodine isotope: (in units chose at menu)

d. Enter total iodine concentration (μCi/cc).
Range is (.0000 to 1.0000E+08)
(<ENTER> = .0000):

e. Do you wish to enter additional isotopes?
(Y or N, <ENTER> = N): Y

f. If answered "Y", additional isotopes may be entered.

NOTE:

ADDITIONAL NUCLIDES MAY BE ENTERED BY SYMBOL, MASS NUMBER, AND RELEASE RATE IN μCi/cc. A MAXIMUM OF UP TO 33 NUCLIDES MAY BE ENTERED. ENTER THE SYMBOL UP TO 2 LETTERS AT THE FIRST PROMPT, THE ATOMIC WEIGHT UP TO 3 DIGITS AT THE SECOND PROMPT ALONG WITH THE CHARACTER "M" IF THE NUCLIDE IS IN THE METASTABLE STATE.

(I.E Xe <-- AT THE FIRST PROMPT
133M <-- AT THE SECOND PROMPT)

g. Enter the nuclide symbol. (<ENTER> = No other radionuclides):

h. Enter nuclide mass number, including M for metastable:

i. Enter the amount of release in μCi/cc.
Range is (.0000 to 1.0000E+20)
(<ENTER> = .0000):

j. View isotopic breakdown.

3. Would you like an automatic dump to the printer?
(Y or N, <ENTER> = Y):
Output will be produced designated location.

4. Will this be a simultaneous release?
(Y or N, <ENTER> = N):

5. Receptor Display Menu will appear.

ATTACHMENT 2
AUTO MODE A
(Page 4 of 4)

NOTE:

THESE OPTIONS ARE SELF EXPLANATORY EXCEPT FOR F7 RECEPTOR INFORMATION. THIS OPTION GIVES THE OPPORTUNITY TO DISPLAY ALL INFORMATION FOR A PARTICULAR RECEPTOR.

TPARD = TOTAL PROTECTIVE ACTION RECOMMENDED DOSE = EXTERNAL DOSE + ADULT CEDE + 4 DAY.

4DAY = SHINE DOSE FROM 4 DAYS' EXPOSURE TO GROUND DEPOSITION FROM RELEASE.

PAT = PLUME ARRIVAL TIME

DOSE RATIO = RATION OF EXTERNAL DOSE + CEDE (TEDE) TO EXTERNAL DOSE. THIS RATION GIVES A METHOD TO ESTIMATE TEDE FROM EXTERNAL DOSE (DRD READING). USED PRIMARY FOR FIELD TEAM DOSE ESTIMATION.

ATTACHMENT 3
FAST MODE A

1. Select F1, Fast Mode A, from the Command Menu.

2. Select the appropriate Design Base Accident from the Accident Menu.

3. Enter data recorded on attachment titled "Input Parameters" in response to system prompts and menus.

4. Ensure appropriate device is selected for printer output.

5. Make appropriate printout selection.

6. IF a release is in progress from more than one release point
THEN enter a "Y" after the prompt, "Will this be a simultaneous release?"
AND repeat from step 3.1.2 until data for all release points has been entered.

7. IF specific receptor data is desired,
THEN select the appropriate receptor from the Receptor Display Menu
OR select Q to leave the menu.

8. IF another dose projection is desired,
THEN respond "Y" to the prompt
OR respond "N" to leave the system.

ATTACHMENT 4
MODE A

1. Select F1, update data, from the command menu.

2. Select files to be updated from File Menu.

3. Enter data recorded on attachment 1 titled, "Input Parameters", in response to system prompts and menus.

4. Once all files have been updated, select "Q" to return to the Command Menu.

5. Select F2, Execute Dispersion Model, from the Command Menu.

6. Select F2, Mode A, from Mode A Menu.

7. Make appropriate printout selection.

8. Respond to prompts to calculate a simultaneous release, view specific receptor data, run another dose projection, or exit the system, as desired.

ATTACHMENT 5
LIQUID RELEASE
(Ref. I0002326)
(Page 1 of 2)

NOTE:

THIS ATTACHMENT APPLIES TO LIQUID RELEASES THRU THE COOLING TOWERS TO THE RIVER OR LIQUID RELEASES EXITING THE SITE BY MEANS OTHER THAN THE COOLING TOWER.

1. From Mode A or Auto Mode A Menu, select F4, Liquid Dose Calculations and enter data from this attachment.

2. Source of sample:

NOTE:

BEFORE: DILUTION CORRECTION APPLIED
AFTER: DILUTION CORRECTION NOT APPLIED

_____ Before (Liquid release is to the cooling tower and the sample was obtained prior to dilution in the cooling tower.)

_____ After (Liquid release is to the cooling tower and the sample has been obtained from the cooling tower after dilution OR liquid release is exiting the site by means other than the cooling tower.)

3. Estimated duration of the liquid release: _____ hours

4. Cooling tower blowdown flow = _____

5. Tank discharge rate: _____ gpm

6. Isotopic concentrations from analysis of release sample:

Zn-65 _____µCi/ml Cs-134 _____µCi/ml

Co-60 _____µCi/ml Cs-137 _____µCi/ml

I-131 _____µCi/ml

ATTACHMENT 5
LIQUID RELEASE
(Ref. 6.4.10)
(Page 2 of 2)

7. Make appropriate printout selection.

NOTE:

LIQUID EFFLUENT RELEASE LIMIT PER THE OFFSITE DOSE CALCULATION MANUAL (ODCM). ODCMS 3.2.3

A) DURING ANY CALENDAR QUARTER, $\leq$ 3.0 MREM TO THE TOTAL BODY AND $\leq$ 10.0 MREM TO ANY ORGAN.

B) DURING ANY CALENDAR YEAR, $\leq$ 6.0 MREM TO THE TOTAL BODY AND $\leq$ 20.0 MREM TO ANY ORGAN.

8. **IF** results exceed ODCM limits,
THEN the Limerick Emergency Director should ensure notification of the Department of Environmental Resources and downstream domestic water users from the Emergency Response Telephone Directory.

ATTACHMENT 6
METEOROLOGICAL PARAMETER RESOURCES
(Listed in order of preference)

1. Main Control Room Instrument Panels (Control Room Only)

2. Plant Monitoring System (PMS) (Primary for Control Room)

3. VT Terminal (Primary in the Technical Support Center)

Select appropriate tower/sensor data from this table

Release Point		PMS VT Terminal		PMS VT Terminal
North STACK	Primary	Screen	Backup	Screen
Wind Speed (mph)	Twr 1-175'	MET	Twr 2-304'	MET
Wind Direction (Deg Azm)	Twr 1-175'	MET	Twr 2-304'	MET
Delta Temperature (Deg F)	Twr 1-266'-26	MET	Twr 2-266-26'	MET
Ambient Temperature (Deg F)	Twr 1-26'	MET	Twr None	MET
Precipitation (in/hr)	Twr 1	MET	Twr None	MET
SOUTH STACK				
Wind Speed (mph)	Twr 1-175'	MET	Twr 2-304'	MET
Wind Direction (Deg Azm)	Twr 1-175'	MET	Twr 2-304'	MET
Delta Temperature (Deg F)	Twr 1-266'-26'	MET	Twr 2-300-26'	MET
Ambient Temperature (Deg F)	Twr 1-26'	MET	Twr None	MET
Precipitation (in/hr)	Twr 1	MET	Twr None	MET
UNMONITORED RELEASE				
Wind Speed (mph)	Twr 1-30'	MET	Twr 2-159'	MET
Wind Direction (Deg Azm)	Twr 1-30'	MET	Twr 2-159'	MET
Delta Temperature (Deg F)	Twr 1-266'-26'	MET	Twr 2-300'-26'	MET
Ambient Temperature (Deg F)	Twr 1-26'	MET	Twr None	MET
Precipitation (in/hr)	Twr 1	MET	Twr None	MET

3. National Weather Service

A. PENN State NWS: 9-1-814-237-1152 or 9-1-800-697-0010
B. Philadelphia NWS: 9-1-609-261-6604

Obtain the following meteorological parameters:

Wind Direction (WD30)	_____	deg. az.
Wind Speed (WD30)	_____	knots
Cloud Cover (CLCVR)	_____	tenths
Cloud Ceiling (CLCEG)	_____	ft
Ambient Temperature	_____	deg. F
Precipitation	_____	in/hr

Forecast:

NWS Contact: _____ Time _____

ATTACHMENT 7
DOSE ASSESSMENT SELF-CHECK

1. Review the MESOREM Jr. print-out.

2. Make a visual comparison of the data from ERP-305, Attachment 1 to that on the print-out.

3. Compare the Radiological data on the printout to that from the RM-11. If they differ by a factor of 10 or higher then verify Radiation monitor status with Shift Supervision or System Manager.

4. **IF** any data was manually edited,
THEN compare the data on page 3 of the print out with the Plant Monitoring System print out or the associated appendixes used to obtain the data.

5. **IF** Fast Mode A was used,
THEN verify with Shift Management values on ERP-305, attachment 1 are the highest 15 minute trend values during the release.

6. Circle the **MAX TPARD** value on the summary page in order to facilitate your focused dialogue with the Shift Manager.

7. Have another Dose Assessment qualified technician or the Dose Assessment Coordinator(DAC) review the print out and attachments when available.

> **NOTE**
>
> THE PAR SECTORS INDICATED ON PAGE 2 AND PAGE 4 OF THE MESOREM JR. PRINTOUT INCLUDE THE AFFECTED SECTORS AND THE ADJACENT SECTORS

8. In the event of a General Emergency declaration, obtain the protective action recommendation and the PAR sectors involved from Page 2 of the Mesorem Jr. printout.

ATTACHMENT 8
USE OF NORTH STACK DOSE RATE TO ESTIMATE RELEASE SOURCE TERM

1. **IF** North Stack Instrument Room dose rates exceed 5000 mr/hr per ARM# RE60-M1-0N0001 or alternate sampling of North Stack via ST-5-026-580-0 cannot be performed.
THEN continue with this appendix.

WARNING

NORMAL ROUTE TO THE NORTH STACK GOES BY THE STANDBY GAS TREATMENT SYSTEM AND ALONG THE NORTH STACK DUCTWORK. DOSE SAVINGS MAY BE OBTAINED BY USING THE FUEL FLOOR ACCESS TO THE SOUTH STACK LADDERS. CONSULT WITH HEALTH PHYSICS TEAM LEADER TO DETERMINE THE DESIRED ROUTE TO THE NORTH STACK.

2. Health Physics Group Members shall obtain North Stack Duct dose rate by standing on step #108 (painted neon orange, about 12 steps from Reactor Building roof elev. - 395') and holding the E530 with HP-220A probe on top inside rail of stairway facing duct.

3. Health Physics Group Members shall report dose rate **AND** time of reading to Health Physics Group Leader.

4. Health Physics Group Leader shall report dose rate to Dose Assessment Technician, or the Dose Assessment Coordinator as appropriate.

5. Convert dose rate to release rate as follows:

   A. At Auto Data Collect Screen, depress ESC key.

   B. At Command Menu, depress

CONTROL ROOM	TSC
1) F2	1) F6
2) F3	2) F3

   C. Follow the prompts using North Stack Dose Rate obtained from Health Physics Survey.

   D. Answer "Y" to the question "would you like an automatic dump to the printer".

   E. Using the printout obtained from "D" above, perform dose run.

ATTACHMENT 9

DOSE ASSESSMENT TURNOVER SHEET

Turnover of dose assessment responsibility from one Dose Assessment team/location to another Dose Assessment team/location should include the transmittal of any available information listed below:

1. Affected Station _____ Unit _____

2. Contact person:

a) Peach Bottom Dose Assessment Coordinator (DAC)

_____ 4644,4645 (Omni 280),
Name Phone

b) Dose Assessment Team Leader (DATL)

_____ _____
Name Phone

3. Time of reactor trip/scram _____

4. Plant Status _____

5. Release Point _____

6. Start time of release _____

7. Estimated duration of release _____

8. Method(s) used to calculate doses ☐ Auto-A ☐ Fast-A ☐ Mode A

9. Design Basis Accident _____

10. Site evacuation assembly area _____

11. Results of dose calculations, based on dose projection, Protective Action Recommendation.

_____

_____

_____

_____ _____
Completed By Date/Time

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	PROC	ERP	ERP-C-1000	0005	EMERGENCY OPERATIONS FACILITY (EOF) ACTIVATION/DECACTIVATION	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 REPSONSE 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	

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-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		
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 ANNONCEMENTS	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	

PROCEDURE INDEX REPORT:

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 SHEETCANCELLED - 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	

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	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 **