



Nuclear

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An Exelon/British Energy Company

10CFR50, Appendix E

5928-03-20146

July 14, 2003

U. S. Nuclear Regulatory Commission
ATTN: Document Control Desk
Washington, DC 20555-0001

Subject: Peach Bottom Atomic Power Station, Units 2 & 3
Facility Operating License Nos. DPR-44 and DPR-56
NRC Docket Nos. 50-277 and 50-278

Limerick Generating Station, Units 1 & 2
Facility Operating License Nos. NPF-39 and NPF-85
NRC Docket Nos. 50-352 and 50-353

Three Mile Island, Unit 1 (TMI Unit 1)
Facility Operating License No. DPR-50
NRC Docket No. 50-289

EP-MA-110-100, Revision 2, "ERO Computer Applications"
EP-MA-114-100, Revision 4, "MAROG Notifications"

Enclosed are revised Emergency Plan Procedures for Peach Bottom Atomic Power Station (PBAPS), Units 2 and 3; Limerick Generating Station (LGS), Units 1 and 2; and Three Mile Island, (TMI) Unit 1. These procedures are required to be submitted within thirty (30) days of their revision in accordance with 10CFR50, Appendix E, and 10CFR50.4.

Also, enclosed are copies of a computer generated report index identifying the latest revisions of the LGS, PBAPS, and TMI procedures.

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

A045

Emergency Plan Procedures

July 14, 2003

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Very truly yours,

 / For

M. P. Gallagher

Director - Licensing & Regulatory Affairs

AmerGen Energy Company, LLC

Exelon Generation Company, LLC

Enclosures

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ENCLOSURE 1

LIMERICK GENERATING STATION, UNITS 1 & 2 PEACH BOTTOM ATOMIC POWER STATION, UNITS 2 & 3 THREE MILE ISLAND, UNIT 1

**Docket Nos. 50-352
50-353
50-277
50-278
50-289**

**License Nos. NPF-39
NPF-85
DPR-44
DPR-56
DPR-50**

EMERGENCY RESPONSE PROCEDURES

**EP-MA-110-100, "ERO Computer Applications" - Revision 2
EP-MA-114-100, "MAROG Notifications" - Revision 4**

ERO COMPUTER APPLICATIONS

1. PURPOSE

- 1.1 This procedure provides the guidance for gathering information and the operation of equipment associated with various data acquisition and display methods.

2. TERMS AND DEFINITIONS

- 2.1 The Chronological Events Log, is an option under the News Writer Program that allows for the electronic documentation of significant event activities for dissemination to the news media.
- 2.2 The Emergency Response Data System (ERDS), is a direct near real-time electronic data link between the onsite computer system and the NRC Headquarters Operations Center that provides for the automated transmission of a limited data set of selected parameters.
- 2.3 The Emergency Preparedness Data System (EPDS), is an emergency facility data system used to aid in assessing plant response and status during emergencies. EPDS is a computer based real-time data acquisition and display system, which acquires, stores and re-packages data from the Plant Monitoring System (PMS) and Radiological Monitoring System (RMS) for display in the Technical Support Center (TSC) at Limerick and Peach Bottom Stations and the common Emergency Operations Facility (EOF) at the Coatesville, Pennsylvania. Service Center.
- 2.4 KI (Potassium Iodide) Spreadsheet, is an EXCEL spreadsheet used to calculate I-131 concentration and thyroid dose based on an air sample analysis. It also provides a recommendation on KI issuance to Exelon emergency workers.
- 2.5 News Writer is an electronic program used by the Emergency Public Information Organization for the generation and review of press releases for distribution to the news media. News Writer is also used to store standard biographies for Exelon Spokespersons.
- 2.6 The Plant Monitoring System (PMS), refers to the station process computer application at Limerick and Peach Bottom Generating Stations. The data feed for EPDS and ERDS data links is feed from the PMS.
- 2.7 The Priority Status Board, is an electronic means of automatically displaying entries made on the TSC board in the Operations Support Center (OSC) and EOF for Limerick and Peach Bottom Stations.

3. **RESPONSIBILITIES** – None

4. **MAIN BODY**

4.1 **REFER** to the following equipment operating guidelines or references, as applicable:

- Generic Equipment Operating Instructions → Attachments 1A thru 1B
- Limerick (LGS) Station-Specific Guidelines → Attachments 2A thru 2H
- Peach Bottom (PBAPS) Station-Specific Guidelines → Attachments 3A thru 3H
- Three Mile Island (TMI) Station-Specific Guidelines → Attachments 4A thru 4D
- Coatesville Facility-Specific Guidelines → Attachments 5A thru 5D

5. **DOCUMENTATION** – None

6. **REFERENCES**

6.1 **Station Commitments**

6.1.1 Limerick

CM-1 T01715 (Attachment 2E)

7. **ATTACHMENTS**

7.1 **Attachment 1, Generic Equipment Operating Instructions (Affecting Multiple Stations):**

- Attachment 1A, LGS / PBAPS Emergency Preparedness Data System
- Attachment 1B, Potassium Iodide (KI) Spreadsheet Users Guide

7.2 **Attachment 2, Limerick (LGS) Station-Specific Guidelines:**

- Attachment 2A, (LGS) Emergency Response Data System Instructions
- Attachment 2B, (LGS) Basic Instructions for Establishing Priority Status / OSC Team Board
- Attachment 2C, (LGS) Obtaining Radiological Data from RM-11
- Attachment 2D, (LGS) Obtaining Meteorological Data from PMS
- Attachment 2E, (LGS) Offsite Siren Activation
- Attachment 2F, (LGS) TSC Overhead Projector Display Instructions
- Attachment 2G, (LGS) Employee Emergency Notification Line Instructions
- Attachment 2H, (LGS) Area Radiation Monitor Status Listing

7.3 Attachment 3, Peach Bottom (PBAPS) Station-Specific Guidelines

- Attachment 3A, (PBAPS) Plant Monitoring System (PMS) Log-In Instructions
- Attachment 3B, (PBAPS) Emergency Response Data System Instructions
- Attachment 3C, (PBAPS) Basic Instructions for Establishing Priority Status / OSC Team Board
- Attachment 3D, (PBAPS) TSC Electronic Display Board Instructions
- Attachment 3E, (PBAPS) TSC Overhead Projector Display Instructions
- Attachment 3F, (PBAPS) Offsite Siren Activation
- Attachment 3G, (PBAPS) Employee Emergency Notification Line Instructions
- Attachment 3H, (PBAPS) Area Radiation Monitor Status Listing

7.4 Attachment 4, Three Mile Island (TMI) Station-Specific Guidelines

- Attachment 4A, (TMI) Emergency Response Data System Instructions
- Attachment 4B, (TMI) Employee Emergency Notification Line Instructions
- Attachment 4C, (TMI) Instructions for Accessing Reuter Stokes
- Attachment 4D, (TMI) Accountability Card Reader Instructions

7.5 Attachment 5, Coatesville Facility-Specific Guidelines

- Attachment 5A, Operation of the EOF Projection Controller
- Attachment 5B, JPIC Outlook Access
- Attachment 5C, News Writer / Chronological Events Description Log Users Guide
- Attachment 5D, EOF Access to TMI Plant Process Computer (PPC)

ATTACHMENT 1A
LGS / PBAPS Emergency Preparedness Data System
Page 1 of 4

ACTIVATION:

A. To Open One Or Several Displays

NOTE: Always use left mouse button

STEP 1 TURN ON power to the computer and printer

STEP 2 If "Group Main" is **NOT** open then:

- **DOUBLE CLICK** on "Desktop Manager" icon
- **DOUBLE CLICK** on "Main" and follow open steps (4.3)

STEP 3 If "Group Main" **IS** open then:

- Using the mouse, **MOVE** arrow to top bar (center) of "Group Main"

STEP 4 **HOLD** the mouse button down and **MOVE** display to the bottom right hand corner of the screen

- **DOUBLE CLICK** on "EPDS" in "Group Main"

STEP 5 Using the mouse, **MOVE** the arrow to the menu bar

- **CLICK** on station of interest
- **CLICK** on unit of interest

STEP 6 Using the mouse, **MOVE** the arrow to the "down" scroll bar arrow

- **CLICK** the mouse and **LOCATE** the parameter of interest
- **DOUBLE CLICK** on the parameter of interest

ATTACHMENT 1A
LGS / PBAPS Emergency Preparedness Data System
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B. To Open More Displays

- STEP 1** **CLICK** on "Utilities"
- STEP 2** **CLICK** on 1/4 up left
- STEP 3** **LOCATE** "Group Main"
- STEP 4** **DOUBLE CLICK** on "EPDS"
- STEP 5** **SELECT** affected Station/Unit
- STEP 6** **SELECT** Parameter
- STEP 7** **CLICK** on "Utilities"
- STEP 8** **CLICK** on 1/4 up right
- STEP 9** Repeat previous steps for more displays (1/4 down left, then 1/4 down right)

C. To Set Up Auto Automatic Printing

- STEP 1** **CLICK** on "Utilities"
- STEP 2** **CLICK** on "Periodic Report"
- STEP 3** **CLICK** on Station/Unit of interest box
- STEP 4** **CLICK** on frequency of interest
- STEP 5** **CLICK** on parameters of interest
- STEP 6** **CLICK** on "OK" ("ACTIVE" is displayed)
- STEP 7** **CLICK** on the "down" arrow in the upper right corner of the display

NOTE: "Restore" can be used to view active selections

 "Quit" terminates automatic printing

ATTACHMENT 1A
LGS / PBAPS Emergency Preparedness Data System
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D. To Trend A Parameter

Note: Trending will tie up terminal until trend is complete

- STEP 1** In display of interest, **DOUBLE CLICK** on value to be trended.
- STEP 2** If necessary to adjust the trend ranges, then:
- **CLICK** on scale
 - Using the mouse, **POSITION** the cursor to the right of the value to be changed
 - Click on the mouse button
- STEP 3** **STRIKE** "Back Space" key to delete numbers to be changed
- STEP 4** **TYPE** in the new value and **CLICK** on "OK"
- STEP 5** To cancel trend display, **CLICK** on "Exit"

E. To Playback A Particular Display Or Trend Value

NOTE: The system will play back condensed 30 second snapshots every few seconds over the time period selected.

- STEP 1** **CLICK** on "Playback" in the display of interest
- STEP 2** **CLICK** on "On"
- STEP 3** **SET** value for the amount of time to be played back
- STEP 4** **CLICK** on "OK"
- STEP 5** To turn off playback:
- **CLICK** on "Playback"
 - **CLICK** on "Off"

F. To Print An Individual Report

- STEP 1** **CLICK** on "Utilities" in the display of interest
- STEP 2** **CLICK** on "Print Screen"

ATTACHMENT 1A
LGS / PBAPS Emergency Preparedness Data System
Page 4 of 4

REBOOT PROCESS:Prerequisites:

- A. EPDS appears unresponsive with an apparently operable sending modem
and/or
- B. Notification from NISD has been received that the EOF LAN was "down" but has been restored to normal functionality.

Reboot the EOF EPDS data receiver using either of the following methods:

1. **If *at the EOF*, then PERFORM the following:**
 - 1.1 **ENTER** the Telecommunications Room and **LOCATE** the EPDS Data Receiver PC.
NOTE: Several PCs are in the room. The Data Receiver is one of several along the north wall of the room (left wall as you enter the room.) The PC farthest from the door is the EOF LAN server. The Data Receiver is immediately to the left of the server (the side closer to the door.)
 - 1.2 **PERFORM either:**
 - 1.2.1 **PRESS** the reboot button; **or**
 - 1.2.2 **TURN OFF** the power switch and **WAIT** about 15 seconds, then **TURN ON** the power switch
 - 1.3 **TEST EPDS functionality.**
 - 1.3.1 If EPDS functionality is normal, then **PROCEED** with intended activities.
 - 1.3.2 If EPDS is **NOT** normally functional, then **CONTACT** the NISD EP representative or **CALL** the Exelon Help Desk at 803:4357.
 - 1.3.3 **NOTIFY** appropriate concerned parties such as emergency response leadership, lead drill controller, or site EP Coordinators of EPDS status.
2. **If *NOT at the EOF*, then PERFORM a remote reboot as follows:**
 - 2.1 Using a standard touchtone telephone, **DIAL** (610) 380-3906.
 - 2.2 Wait a few seconds, then **ENTER** the security code by "1248" on the telephone keypad. You should hear a tone.
NOTE: The EPDS Data Receiver should reboot in about 20 seconds and will be available normally in a few minutes.
 - 2.3 **TEST EPDS functionality per Step 1.3.**

ATTACHMENT 1B
KI Spreadsheet Users Guide
Page 1 of 3

KI Spreadsheet Program can be accessed via either:

- Icon on designated DAPAR lap-top computers, or
- Common drive paths:

Limerick Generating Station (LGS): \\PECO\PBS2_DATA1.PBS_SRV.S.PBS.PECO\EP_DAPAR

Peach Bottom Atomic Power Station (PBAPS): \\PECO\PBS2_DATA1.PBS_SRV.S.PBS.PECO\EP_DAPAR

NOTE: An EXCEL spreadsheet (Table 3-1) has been provided to calculate I-131 concentration and thyroid dose, as well as generate a recommendation on KI issuance to Exelon emergency workers. The spreadsheet is launched by clicking on the icon labeled "KI Assessment". This opens a shared, locked Microsoft Excel spreadsheet that will perform the assessment per input data that provided.

NOTE: The spreadsheet is protected to prevent accidental changes being made to the calculations. The only cells that can be changed are those fields colored purple on the spreadsheet display screen. Cell E4 contains the current date/time for recordkeeping purposes and should not be altered by the user.

1. **ENTER** the following information in text fields for event documentation (none of these cells are required to perform the calculation):

- The station name for which the calculation is being done (cell E5);
- The sample collection point or descriptor (cell E9);
- The sample cartridge type used (zeolite or charcoal) (cell E10);
- The sampler start time, if known (cell E11);
- The sampler ending time, if known (cell E12);
- The sample analysis point or descriptor (cell E16);
- The sample analysis time (cell E17).

2. The following values are required to be entered in order to do the calculation:

- The air sampler running time in minutes (cell E13) ; this value is not calculated automatically from the entered running times;
- The air sampler flow rate over the running time, by selecting "cpm" or lpm" (cell E14);
- The background count rate, in cpm, on instrument at the location at which the sample was counted (cell E18);
- The pre-filter count rate, in cpm; a gross (background included) measurement is expected (cell E19);
- The sampler cartridge count rate, in cpm; a gross (background included) measurement is expected (cell E20);
- The number of hours remaining in which the persons for whom the calculation is being made may be exposed to iodine (cell O6);
- The percent of possible exposure time that the persons for whom the calculation is being made are expected to actually be exposed (cell O7); use the default value of 50% unless a better estimate can be made.

ATTACHMENT 1B
KI Spreadsheet Users Guide
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3. The following intermediate information is calculated by the spreadsheet, and values displayed for the user:
 - The total sample count rate, in cpm (cell E23);
 - The total sample volume, in cubic centimeters (cell E24);
 - The total sample concentration, in $\mu\text{Ci}/\text{cm}^3$ (cell E26).
4. The estimated thyroid dose value can be read from cell O18 (displayed in green lettering). The percent of the dose as fraction of the 50 rem PAG can be read from cell O19. If the value of P18 does exceed the PAG value, a recommendation to issue KI appears a box immediately below the dose estimate (range M21 to R22). If the value of O18 does not exceed the PAG, the word "NOT" appears in cell O21, changing the recommendation to not issuing KI. The number of hours that emergency workers may be exposed to a plume at the current dose level without exceeding the PAG is given in cell P25.
5. A summary report is printed containing all input data and calculated information when the "print" icon is clicked, located on the Excel button bar.
6. The report contains zones to record the following:
 - A) Information relating to contacting the Exelon Occupational Health Services Department (OHSD):
 - The time the call was made;
 - Whether contact was successfully made;
 - The name of the person contacted;
 - Whether concurrence for KI was obtained from OHSD;
 - If concurrence is not obtained from OHSD, the reason given.
 - B) The recommendation of the Radiation Protection Manager whether to issue KI. A recommendation must be circled, then signed and dated.
 - C) The approval or denial of KI by the Station Emergency Director.

NOTE: Whether KI issuance is approved or denied must be circled, then signed and dated.

7. Copies of the completed KI report should be made and distributed. The original should be controlled for incident documentation.

ATTACHMENT 1B

KI Spreadsheet Users Guide

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Instructions - Complete the sections colored in Blue.

Calculation Date & Time 06/03/2003 12:07
Exelon Station Three Mile Island

time
name

Stay Time Assumptions

Team Hours Left on Shift 5 hrs
% Time Exposed to Plume 77 %
(estimate or use default of 50%)

Go To P18 for value of CDE in rem or use the PRINT icon

Sample Information

Sample Collection Point E-45 location
Sample Type Charcoal cartridge (zeolite or charcoal)
Sampler Start Time 12:00 hh:mm (if known, not required)
Sampler End Time 12:34 hh:mm (if known, not required)
Sampler Run Time 55 min (total minutes)
Sampler Flow Rate 6 lpm (average rate)

Sample Analysis Point T-11 location
Sample Analysis Time 11:33 hh:mm (if known)

Background GM Count Rate 22 cpm
Prefilter Count Rate (gross) 350 cpm (required)
Cartridge Count Rate (gross) 550 cpm (required)

Net Sample Count Rate 8.560E+02 cpm
Sample Volume 3.30E+05 cm³ (cc)

Sample Concentration 1.30E-07 $\mu\text{Ci}/\text{cm}^3$ I-131

Dose Determination

Exposure Time 3.85 hrs
Default Breathing Rate 1.20E+06 cm³/hr (adult male)
Dose Conversion Factor 1.08 rem per μCi ingested
KI Protective Action Guide 50 rem CDE

CDE 0.65 rem
Percent of PAG 1.30 percent

FOR THIS SAMPLE, KI IS **NOT** RECOMMENDED
FOR EXELON EMERGENCY WORKERS.

FOR THIS SAMPLE, EXELON EMERGENCY WORKERS MAY
BE EXPOSED AT THIS RATE FOR **297.17** hours
UNTIL THE KI PROTECTIVE ACTION GUIDE IS REACHED.

Exelon Occupational Health Services

OHS contacted YES NO ATTEMPTED
Person Contacted: _____
Contact Time : _____ hh:mm

If Contact Not Made, Give Reason: _____

Permission Granted for Thyroid Blocking ? YES NO
If Permission Not Granted, Give Reason : _____

Review

I have reviewed this information for accuracy and completeness.

I (DO) (DO NOT) {indicate one} RECOMMEND issuing thyroid blocking agents to Exelon Emergency Workers.

Radiation Protection Manager

Approvals

I have reviewed the information contained in this report.

I (DO) (DO NOT) {indicate one} APPROVE issuing
thyroid blocking agents to Exelon Emergency Workers

Name : _____

Emergency Director

Time : _____ hh:mm Date : ____ / ____ / ____

ATTACHMENT 2A
LGS Emergency Response Data System Instructions
Page 1 of 3

STEP 1 **TURN ON** Emergency Preparedness Data System (EPDS) monitor

- EOF "A" primary / EOF "B" backup

STEP 2 **DOUBLE CLICK** on "NRC1....COM8" icon.

STEP 3 **DOUBLE CLICK** on the letter "M" (in "Manual Session").

NOTE: Session state should say "IN SESSION" when successful connection is established.

STEP 4 **DOUBLE CLICK** on "NRC2....COM9" icon.

STEP 5 **DOUBLE CLICK** on the letter "M" (in "Manual Session").

NOTE: Session state should say "IN SESSION" when successful connection is established.

If required, then **PERFORM** troubleshooting guidance in STEPs 6 thru 12:

STEP 6 If both windows, "NRC1....COM8" AND "NRC2....COM9" Session State says "IN SESSION", then ERDS is activated and no further action is required; otherwise, **PROCEED** with STEP 7.

STEP 7 **RESET** modem that is not connecting by turning off power switch on back of modem unit, waiting approximately 15 seconds, and **TURN** power ON.

NOTE: NRC1....COM8 (Unit 1 is top modem, NRC2....COM9 (Unit 2) is bottom modem.

STEP 8 **DOUBLE CLICK** on the letter "M" (in "Manual Session") for window that did not show Session State "IN SESSION".

STEP 9 If Session State now says "IN SESSION" for window that did not previously connect, then ERDS is activated and no further action is required; otherwise, **PROCEED** with STEP 10.

NOTE: The following step will make the EPDS System unavailable while the computer is rebooting. EPDS will return automatically when the rebooting process is completed.

STEP 10 **REBOOT** the EPDS computer by turning off the power to the CPU box, waiting approximately 15 seconds, and **TURN** power ON.

ATTACHMENT 2A
LGS Emergency Response Data System Instructions
Page 2 of 3

STEP 11 **RESET** both modems by turning off power switch on back of modem unit, waiting approximately 15 seconds, and **TURN** power on.

NOTE: NRC1....COM8 (Unit 1) is top modem, NRC2....COM9 (Unit 2) is bottom modem.

STEP 12 **PERFORM** STEPs 2 thru 5 to attempt ERDS activation.

- If activation is not successful, then **INFORM** the TSC Director and ENS Communicator. IT will have to troubleshoot further and correct the situation.

<u>COMPUTER POINT</u>	<u>ENGINEERING UNITS</u>	<u>DESCRIPTION</u>
B000/B000	% Power	APRM 1 SIM Thermal Power
B001/B001	% Power	APRM 2 SIM Thermal Power
B002/B002	% Power	APRM 3 SIM Thermal Power
B003/B003	% Power	APRM 4 SIM Thermal Power
E1109/E2109	CPS	A SRM Count Rate
E1133/E2133	CPS	B SRM Count Rate
E1110/E2110	CPS	C SRM Count Rate
E1134/E2134	CPS	D SRM Count Rate
E1114/E2114	IN/NOT IN	A SRM Position
E1138/E2138	IN/NOT IN	B SRM Position
E1115/E2115	IN/NOT IN	C SRM Position
E1139/E2139	IN/NOT IN	D SRM Position
E1240/E2240	Inches Water Level	Shutdown Range Reactor Level
E1239/E2239	Inches Water Level	Upset Range Reactor Level
E1419/E2419	Inches Water Level	Fuel Zone Range Reactor Level B
E1339/E2339	Inches Water Level	Fuel Zone Range Reactor Level A
E1418/E2418	Inches Water Level	Wide Range Reactor Level B
E1338/E2338	Inches Water Level	Wide Range Reactor Level A
E1238/E2238	Inches Water Level	Narrow Range Reactor Level C
E1237/E2237	Inches Water Level	Narrow Range Reactor Level B
E1236/E2236	Inches Water Level	Narrow Range Reactor Level A
E1241/E2241	MLB/HR	Total Feedwater Flow
E1340/E2340	GPM	RCIC System Flow

ATTACHMENT 2A**LGS Emergency Response Data System Instructions****Page 3 of 3**

<u>COMPUTER POINT</u>	<u>ENGINEERING UNITS</u>	<u>DESCRIPTION</u>
E1234/E2234	PSIG	Narrow Range Reactor Pressure
E1430/E2430	PSIG	Upset Range Reactor Pressure B
E1353/E2353	PSIG	Upset Range Reactor Pressure A
E1420/E2420	KGPM	HPCI System Flow
E1341/E2341	KGPM	A RHR System Flow
E1421/E2421	KGPM	B RHR System Flow
E1466/E2466	KGPM	C RHR System Flow
E1506/E2506	KGPM	D RHR System Flow
E1342/E2342	KGPM	A Core Spray Flow
E1422/E2422	KGPM	B Core Spray Flow
E1192/E2192	GAL	Drywell Floor Drain Sump Level
4TE076	μCi/Sec	North Stack Total Effluent
E1088/E2088	mR/Hr	Steam Jet Air Ejector Rad Mon
1RA191/1RA291	R/Hr	Drywell Area Post LOCA Rad
2RA191/2RA291	R/Hr	Drywell Area Post LOCA Rad
3RA191/3RA291	R/Hr	Drywell Area Post LOCA Rad
4RA191/4RA291	R/Hr	Drywell Area Post LOCA Rad
E1082/E2082	mR/Hr	Main Steam Rad Monitor
E1425/E2425	PSIG	Narrow Range Drywell Pressure
E1423/E2423	PSIG	Wide Range Drywell Press B
E1343/E2343	PSIG	Wide Range Drywell Press A
E1515/E2525	Deg. F	Drywell Atmosphere Temp
E1658/E2658	Deg. F	Drywell Atmosphere Temp
E1424/E2424	Deg. F	Suppression Pool Airspace Temp B
E1344/E2344	Deg. F	Suppression Pool Airspace Temp A
E1680/E2680	FT	Suppression Pool Water Level
E1602/E2602	FT	Suppression Pool Water Level
E1186/E2186	FT	Suppression Pool Level B
E1210/E2210	FT	Suppression Pool Level A
B21V0065/B21V0065	%	Drywell H ₂ Concentration
B21V0064/B21V0064	%	Drywell O ₂ Concentration
E1083/E2083	FT	Condensate Storage Tank Level
TS.SP.I	MPH	Tower 1 Wind Speed
T2.SP.U	MPH	Tower 2 Wind Speed
T1.DR.I	Degrees	Tower 1 Direction
T2.DR.U	Degrees	Tower 2 Direction
T1.DT.UL	Deg. F	Tower 1 Delta-Temp
T2.DT.UL	Deg. F.	Tower 2 Delta-Temp
T1.ST.I	Degrees	Tower 1 Sigma Theta
T2.STI	Degrees	Tower 2 Sigma Theta

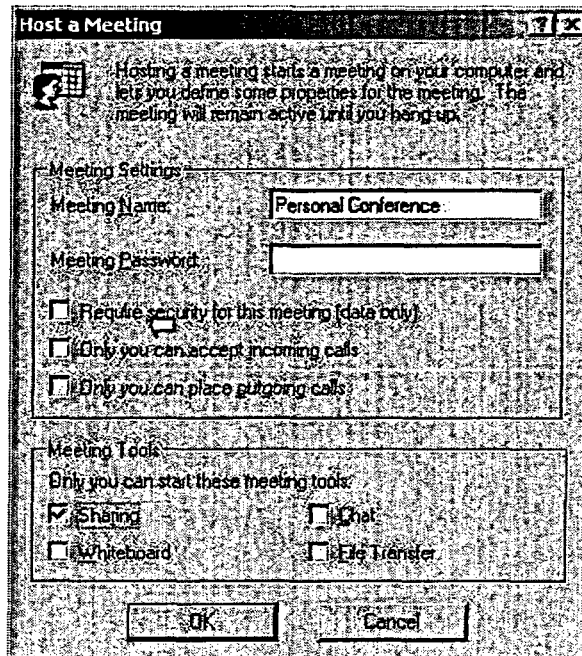
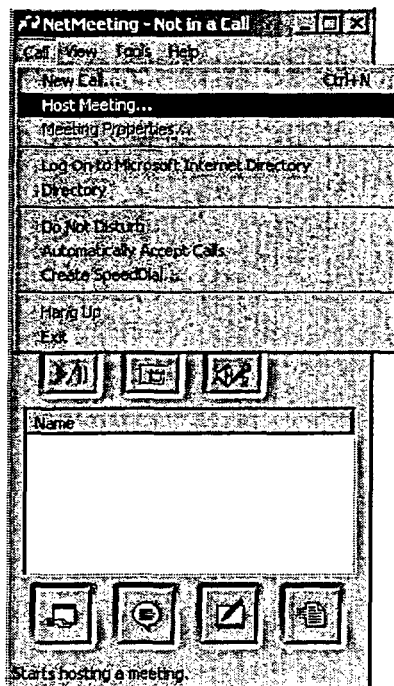
ATTACHMENT 2B**(LGS) Instructions for Establishing Priority Status / OSC Team Board****Page 1 of 5**

TSC Status Board Operation.....	REFER to Section 1
OSC Status Board Operation	REFER to Section 2
EOF Status Board Operation	REFER to Section 3
Printing Status Board Display.....	REFER to Section 4

Section 1 TSC Status Board Operation**STEP 1** TURN ON computer.**STEP 2** After the computer has finished loading, press Ctrl+Alt+Del to log on.
Enter:

Name: Whiteboard

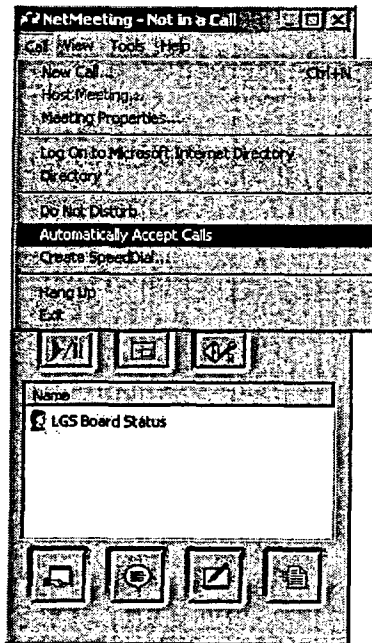
Password: newkleeor

STEP 3 NetMeeting and Webster (Whiteboard) will auto start.**STEP 4** On "NetMeeting" Window,
SELECT "CALL", and
then SELECT "HOST
MEETING".**STEP 5** In the "Host a Meeting"
dialog box, **CHECK**
"SHARING" in the
"Meeting Tools" Section

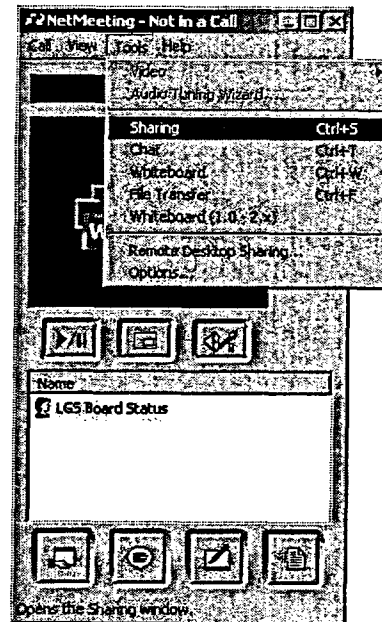
ATTACHMENT 2B**(LGS) Instructions for Establishing Priority Status / OSC Team Board**

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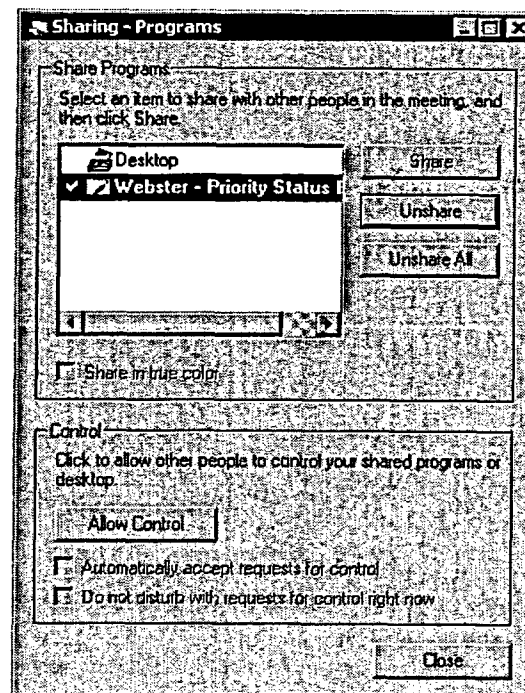
STEP 6 On the "NetMeeting" Window, **SELECT "CALL"**, and then **SELECT "AUTOMATICALLY ACCEPT CALLS"**.



STEP 7 On the "NetMeeting" Window, **SELECT "TOOLS"**, and then **SELECT "SHARING"**.



STEP 8 In the "Sharing - Programs" dialog box, **SELECT "Webster - Priority Status"**, and then **CLICK "SHARE"**, and finally **CLICK "CLOSE"**.



ATTACHMENT 2B**(LGS) Instructions for Establishing Priority Status / OSC Team Board****Page 3 of 5****CAUTION**

Failure to perform **STEP 9** will render that section of the screen unusable by the EOF and OSC

- STEP 9** **MINIMIZE "NetMeeting" Window.**
- STEP 10** **MAXIMIZE "Webster – Priority Status Board" Window.**
- STEP 11** **VERIFY** operation of the Priority Status Board by contacting the OSC & EOF.

At the completion of drill/emergency, PERFORM the following:

- STEP 1** On "NetMeeting" Window, **SELECT "CALL"**, and then **SELECT "HANG UP"**
- STEP 2** From the Webster START Menu, **SELECT "SHUT DOWN"**
- STEP 3** When "Save changes to Priority.wbd – ibid" appears, **SELECT "NO"**.

Section 2 OSC Status Board Operation

- STEP 1** **TURN ON** computer and **LOG ON** using Whiteboard ID as follows.:
- 1.1 **LEFT CLICK** "Workstation only" check block.
 - 1.2 **ENTER** user ID "Whiteboard".
 - 1.3 **ENTER** password "newkleeor".
 - 1.4 **LEFT CLICK** on "Advanced" button.
 - 1.5 **LEFT CLICK** on down arrow to the right of "From:"
 - 1.6 **LEFT CLICK** on "EXELON030080".
 - 1.7 **LEFT CLICK** on "OK".
 - 1.8 **LEFT CLICK** on "X" in upper right corner of window that appears..

ATTACHMENT 2B**(LGS) Instructions for Establishing Priority Status / OSC Team Board****Page 4 of 5**

NOTE: Steps in Section 1 for TSC Status Board Operation must be completed in order for the following step to properly connect to TSC. If after performing the following step, the link is not established, then **CONTACT** the TSC Damage Control Communicator and perform the following step after Section 1 is completed.

STEP 2 **DOUBLE CLICK** on the "LGSPSB" icon on the Desktop.



STEP 3 **MAXIMIZE** "Webster – Priority Status Board" Window.

NOTE: You may observe a block of color obscuring some or the entire status board window. This is caused by the TSC opening another window in front of the Status Board window on the TSC PC. If this does not go away, then **CONTACT** the TSC Damage Control Communicator to close any windows that may be open in front of the status board screen.

STEP 4 **VERIFY** operation of the Priority Status Board by contacting the TSC

At the completion of drill/emergency, PERFORM the following:

STEP 1 On "NetMeeting" Window, **SELECT "CALL"**, and then **SELECT "HANG UP"**

Section 3 EOF Status Board Operation

NOTE: Unless needed for another purpose, LAN log-on is not needed. Simply cancel through all log-on windows.

STEP 1 **TURN ON** computer and **LOG ON**.



NOTE: Steps in Section 1 for TSC Status Board Operation must be completed in order for the following step to properly connect to TSC. If after performing the following step, the link is not established, then **CONTACT** the TSC Damage Control Communicator and perform the following step after Section 1 is completed.

STEP 2 **DOUBLE CLICK** on the "LGSPSB" icon on the Desktop.

STEP 3 **MAXIMIZE** "Webster – Priority Status Board" Window.

ATTACHMENT 2B**(LGS) Instructions for Establishing Priority Status / OSC Team Board****Page 5 of 5**

NOTE: You may observe a block of color obscuring some or all of the status board window. This caused by the TSC opening another window in front of the Status Board window on the TSC PC. If this does not go away, then **CONTACT** the TSC Damage Control Communicator to close any windows that may be open in front of the status board screen.

STEP 4 **VERIFY** operation of the Priority Status Board by contacting the TSC

At the completion of drill/emergency, PERFORM the following:

STEP 1 On "NetMeeting" Window, **SELECT "CALL"**, and then **SELECT "HANG UP"**

Section 4 Printing Status Board Display

STEP 1 To capture the image, **PRESS** the "PRINT SCREEN" Button on the keyboard. (This will store an image on the Clipboard.)

STEP 2 **OPEN MS WORD** and **PASTE** the image onto the WORD Document. **SIZE** and **CROP** it to maximize the image on the page.

STEP 3 **PRINT** the image to the local printer.

ATTACHMENT 2C
(LGS) Obtaining Radiological Data from RM-11
Page 1 of 2

STEP 1 **SELECT** Grid 1.

STEP 2 **SELECT** the release point of interest. (Example: North Stack Channel RE26076-4.)

NOTE: Pressing the "Esc" button on the keyboard will return the user to the Main Menu from any other screen.

STEP 3 **SELECT** the "MONITOR DETAIL" button

STEP 4 **RECORD** the current Process Flow value for the selected release point

STEP 5 **SELECT** the "PREV" button

STEP 6 **SELECT** either the "15 MIN AVG" value or the "60 MIN AVG" value.

STEP 7 **VERIFY** the selected value is surrounded by a box.

STEP 8 **RECORD** which "AVG" value was chosen in the table on ERP-300, Appendix 6 page 3 for the selected release point.

STEP 9 **PRESS** the "right" mouse button.

STEP 10 **SELECT** "Time Trend" from the pull down menu.

NOTE: There are two values in the bottom right hand corner of the Channel Detail Screen. For Step 10, the value furthest right is the value where the cursor is placed. The value adjacent is the most recent 15-minute or 60 minute average.

STEP 11 **PLACE** the cursor near the line that has the highest value.

Description	RM-11 Channel	Mesorem Jr. Channel
North Stack Total Effluent	RE26076-4	4TE076
Unit 1 South Stack "A" Noble Gas	RE26185A-3	3GE185
Unit 1 South Stack "B Noble Gas	RE26185B-3	6GE185
Unit 2 South Stack "A" Noble Gas	RE26285A-3	3GE285
Unit 2 South Stack "A" Noble Gas	RE26285B-3	6GE285

STEP 12 **RECORD** the selected value for the release point in the appropriate table below:

STEP 13 **SELECT** the "GRID 1" button in the top right hand corner to return to the Grid 1 Display.

ATTACHMENT 2C
(LGS) Obtaining Radiological Data from RM-11
Page 2 of 2

NOTE: N/A should be entered in the tables below for release points that were not selected.

NORTH STACK		
RE26076-4 Value (RM-11) (μ Ci/sec)	Selected Value (15 <u>or</u> 60 MIN AVG)	Process Flow Value (scfm)

U/1 SOUTH STACK		
RE26185A-3 Value (RM-11) (μ Ci/ml)	Selected Value (15 <u>or</u> 60 MIN AVG)	Process Flow Value (scfm)

U/1 SOUTH STACK		
RE26185B-3 Value (RM-11) (μ Ci/ml)	Selected Value (15 <u>or</u> 60 MIN AVG)	Process Flow Value (scfm)

U/2 SOUTH STACK		
RE26285A-3 Value (RM-11) (μ Ci/ml)	Selected Value (15 <u>or</u> 60 MIN AVG)	Process Flow Value (scfm)

U/2 SOUTH STACK		
RE26285B-3 Value (RM-11) (μ Ci/ml)	Selected Value (15 <u>or</u> 60 MIN AVG)	Process Flow Value (scfm)

ATTACHMENT 2D**(LGS) Obtaining MET Data From Plant Monitoring System****Page 1 of 1****A. IF IN THE CONTROL ROOM -- PERFORM the following at a unit 1 Plant Monitoring System (PMS) workstation:**

- STEP 1** **SELECT** menu at bottom of CRT screen to bring up the Limerick Unit 1 main menu
- STEP 2** **SELECT** monitor box on left hand side of the screen to bring up monitor display menu
- STEP 3** **SELECT** either 15 minute Average or hourly Average meteorological data.
- STEP 4** **PRESS** F20 to print.

B. IF IN THE TSC -- PERFORM the following at the VT terminal:

- STEP 1** **TURN ON** the VT terminal.
- STEP 2** At the "Local" prompt, **TYPE** "C(space) LG1pa" or LG1pb.
- STEP 3** **ENTER** Username "HP1"
- STEP 4** **ENTER** Password "TSC"
- STEP 5** **SELECT** either:
- 15 minute Average Met Data or,
 - Hourly Average Met data.

C. LOGOFF

- STEP 1** **PRESS** F2 to print.

ATTACHMENT 2E
(LGS) Offsite Siren Activation
Page 1 of 2

TIME: ____ / ____ / ____	DATE: ____ / ____ / ____	INITIALS
1. INITIAL SIREN ACTIVATION INFORMATION: a. Requesting Official: _____ (Name) _____ (Phone) b. Selected Sirens (All, County, Municipality, Single Siren(s): c. Date / Time authorization given: ____ / ____ / ____ at ____ d. Date / Time to activate: ____ / ____ / ____ at ____ e. Siren Mode (Alert or Attack): _____		
2. COMPUTER ACTIVATION (If required, otherwise N/A.) a. If computer is locked up or unresponsive, then REBOOT computer by either: • Simultaneously DEPRESS "CTRL", "ALT" and "DELETE" keys; <u>or</u> • CYCLE power switch (ON/OFF).		
3a. ACTIVATION OF ALL SIRENS: (On REAC-3000 front panel) (1) Using "CURSOR" Up/Down Arrow buttons, SELECT appropriate siren mode (Alert or Attack) (2) DEPRESS "ENTER" button <u>twice</u>		
3b. ACTIVATION OF SIRENS FOR A SINGLE COUNTY: (REAC-300 panel) (1) Using "CURSOR" Up/Down Arrow buttons, SELECT appropriate siren mode (Alert or Attack) (2) DEPRESS "ENTER" button <u>once</u> (3) DEPRESS "CURSOR" Down arrow button <u>once</u> (4) DEPRESS "ENTER" button <u>once</u> (5) Using "CURSOR" Up/Down Arrow buttons, SELECT appropriate County and LIST below: (6) DEPRESS "ENTER" button <u>once</u> (7) DEPRESS <u>red</u> "ACTIVATION" button		
3c. ACTIVATION OF SIRENS FOR A MUNICIPALITY: (REAC-300 panel) (1) Using "CURSOR" Up/Down Arrow buttons, SELECT appropriate siren mode (Alert or Attack) (2) DEPRESS "ENTER" button <u>once</u> (3) DEPRESS "CURSOR" Down arrow button <u>twice</u> (4) DEPRESS "ENTER" button <u>once</u> (5) Using "CURSOR" Up/Down Arrow buttons, SELECT appropriate Municipality and LIST below: (6) DEPRESS "ENTER" button <u>once</u> (7) DEPRESS <u>red</u> "ACTIVATION" button		

ATTACHMENT 2E
(LGS) Offsite Siren Activation
Page 2 of 2

<p>3d. <u>ACTIVATION OF A SINGLE SIREN:</u> (REAC-300 panel)</p> <ul style="list-style-type: none">(1) Using "CURSOR" Up/Down Arrow buttons, SELECT appropriate siren mode (Alert or Attack)(2) DEPRESS "ENTER" button <u>once</u>(3) DEPRESS "CURSOR" Down arrow button <u>three</u> times(4) DEPRESS "ENTER" button <u>once</u>(5) Using "CURSOR" Up/Down Arrow buttons, SELECT the desired siren(s) and LIST below: (6) DEPRESS "ENTER" button <u>once</u>(7) DEPRESS <u>red</u> "ACTIVATION" button	
<p>4. <u>REPORT</u> results of siren activation(s) to requesting authority.</p>	

ATTACHMENT 2F
(LGS) Overhead Projector Display Instructions
Page 1 of 2

Goal:

1. Provide good information flow.
2. Get data systems up and running.

Terminals: (Start-up as appropriate)

1. PMS – 2 (two) terminals next to drafting table.
2. Simulated PMS - behind security table. - used in drills if simulator is playing.
3. EPDS - 3(three) terminals in cubicles. Subset of PMS has RAD & MET data also.
Transmits data to NRC.

Lights:

1. Dim lighting so that screens are easier to read.
2. Main switches are by the entrance and the door to the engineering room.

Hand Held Control Box:

1. Activates one-gun and pull down screens.
2. Located near the EP Director on desk.
3. To activate hit any one of the purple buttons to get box to light up in order to see the Touch Menu.
4. Select the "Emergency Management" button on the touch menu.
5. First, select a screen (left, center, right) and then second, select computer terminal data (PMS1, PMS2, SimPMS, EPDS1, EPDS2, EPDS3) you want displayed on that screen.
6. Typical setup is to use EPDS1(right screen), EPDS2(center screen), & EPDS3(left screen).
7. To turn off select the "Exit" button and then the "All Off" button.

ATTACHMENT 2F
(LGS) Overhead Projector Display Instructions
Page 2 of 2

EPDS Terminals:

1. When you turn them on they will automatically come on with EPDS running.
2. Numbers on the terminal correspond to with the Hand Held Control Box touch pad menu.
3. Maximize screen.
4. Select Plant Unit / Simulator(drill only) from the pull down menu at the top.
5. Technical support group lead will provide info on what unit/data to display in a real emergency.
6. Typical Setup:
 - EPDS1 - Accident Unit – 12 DAS Display (right screen)
 - EPDS2 - Accident Unit – 0 Plant Overview (center screen)
 - EPDS3 - Accident Unit – 1 Summary Display (left screen)
7. Be familiar with the screens and what data is available on each.
8. The Plant Overview screen has a trending option. Double-click on any parameter and it will give you a 30-minute trend of that parameter. The "Scale" option from the pull down menu allows you to change the scale setup.
9. The "Playback" option from the pull down menu gives a Trend Playback.

Priority Status Board:

1. Information written on board displays at the EOF and OSC, the computer terminal next to the board displays what they see.
2. Board is pressure sensitive.
3. Follow the instructions on the card. The card has two sides - one with detailed instructions and one with simplified instructions.
4. To write on board select a pen - (as a rule use black) and write with the black marker.
5. To erase select Erase (broad or narrow) then erase.

Helpful Hint: When the director changes priorities press the erase button and quickly mark the new priorities in small numbers next to the old priorities. (Since the erase button was pressed the small new priority numbers will not show at the other sites.) Then press erase and erase the old priority numbers, press the black pen and write the new priorities in large numbers. This saves time and allows you concentrate on what the director is communicating.

6. The "Snapshot" button allows you to take a snapshot of the board to be stored in the computer.

ATTACHMENT 2G
(LGS) Employee Emergency Notification Line Instructions
Page 1 of 2

After being contacted by (or contacting the Station Duty Officer), the Nuclear Duty Officer (NDO) will **RECORD** a site ASPEN message outlining basis for event classification and plant status as part of Step 1.6 to the Nuclear Duty Officer Checklist (EP-AA-112-401, Attachment 1):

STEP 1 DELETE EXISTING ASPEN MESSAGES AS FOLLOWS:

- STEP 1a ACCESS** the ASPEN System by dialing **(610) 718-5252 OR 802-5252**.
- STEP 1b When** the System answers, **PRESS** the **"#"** key and follow prompt.
- STEP 1c After** "Mailbox Number Please", **ENTER 1911**.
- STEP 1d After** "Emergency Information, Limerick – Please enter your password", **ENTER 8416670#**.
- **If** there is an existing ASPEN Broadcast Message(s), then **PRESS "33"** to go to the end of message. When prompted, "To continue, **PRESS "#"**.
 - **REPEAT** for multiple recordings.
 - After "End of Review", **PRESS "7"** to delete Broadcast Messages(s)
- STEP 1e If** there is an existing message, then **PRESS "1"** to begin listening to message.
- **PRESS "33"** to go to the end of message.
 - **PRESS "7"** to delete message.
 - **REPEAT** for multiple messages.
- STEP 1f PRESS "**"** to disconnect and then **HANG-UP**. **PROCEED** to Step 2.

STEP 2 PLACE EMERGENCY NOTIFICATION INFORMATION ON THE ASPEN SYSTEM AS FOLLOWS:

- STEP 2a ACCESS** the ASPEN System by dialing **(610) 718-5252 OR 802-5252**.
- STEP 2b When** the System answers, **PRESS** the **"#"** key and follow prompt.
- STEP 2c After** "Mailbox Number Please", **ENTER 1055**.
- STEP 2d After** "Emergency Information, Limerick – Please enter your password", **ENTER 911911#**.

ATTACHMENT 2G**(LGS) Employee Emergency Notification Line Instructions****Page 2 of 2**

- If there is an existing ASPEN Broadcast Message(s), then **PRESS "33"** to go to the end of message. When prompted, "To continue, **PRESS "#"**.

STEP 2e After "End of Review", **PRESS "7"** to delete Broadcast Messages(s)

STEP 2f At Main Menu, **PRESS "2"** to send a message.

STEP 2g **RECORD** the following event information and **PRESS "#"** when finished recording:

- E-Plan event classification and time classified
- Affected unit
- Emergency facilities activated?
- Brief description

STEP 2h **ENTER** mailbox 1911 as the destination, when prompted

STEP 2i **PRESS "#"** to send.

STEP 2j **PRESS "**"** for no other destinations, when prompted.

STEP 2k **PRESS "**"** to disconnect and then **HANG-UP**

ATTACHMENT 2H
(LGS) Area Radiation Monitor Status Listing
Page 1 of 4

Limerick:								Sheet of 3	
Recorder Point No.	Channel Number	Sensor and Converter Location	Area/Elevation	TIME	TIME	TIME	TIME	TIME	TIME
1	1	RCIC Pump Room	U1: Area 15, Elev 177'						
			U2: Area 18, Elev 177'						
2	2	HPCI Pump Room	U1: Area 15, Elev 177'						
			U2: Area 18, Elev 177'						
3	3	Reactor Building Sumps	U1: Area 12, Elev 177'						
			U2: Area 13, Elev 177'						
4	4	CRD Pumps Area	U1: Area 06, Elev 200'						
			U2: Area 10, Elev 200'						
5	5	Turbine Auxiliary Bay Hallway	U1: Area 07, Elev 200'						
			U2: Area 09, Elev 200'						
6	6	Isolation Valve Compartment	U1: Area 11, Elev 201'						
			U2: Area 13, Elev 201'						
7	7	Condensate Pump Room	U1: Area 02, Elev 189'						
			U2: Area 04, Elev 189'						
8	8	RHR Division I Room	U1: Area 15, Elev 201'						
			U2: Area 18, Elev 201'						
9	9	RHR Division II Room	U1: Area 16, Elev 201'						
			U2: Area 17, Elev 201'						
10	10	Steam Vent Area Stairwell	U1: Area 16, Elev 217'						
			U2: Area 17, Elev 217'						
11	11	Reactor Bldg Railroad Access Airlock	U1: Area 16, Elev 217'						
			U2: Area 17, Elev 217'						
12	12	Hallway Condensate Filter Demineralizers	U1: Area 07, Elev 217'						
			U2: Area 09, Elev 217'						
13	13	Turbine Building Condenser Area	U1: Area 01, Elev 217'						
			U2: Area 05, Elev 217'						
14	14	Reactor Drywell	U1: Area 16, Elev 253'						
			U2: Area 18, Elev 253'						
15	15	Reactor Building East	U1: Area 16, Elev 253'						

ATTACHMENT 2H
(LGS) Area Radiation Monitor Status Listing
Page 2 of 4

Limerick:				Sheet of 3					
Recorder Point No.	Channel Number	Sensor and Converter Location	Area/Elevation	TIME	TIME	TIME	TIME	TIME	TIME
			U2: Area 18, Elev 253'						
16	16	Reactor Building West	U1: Area 11, Elev 253'						
			U2: Area 18, Elev 253'						
17	17	Neutron Monitoring System Area	U1: Area 12, Elev 253'						
			U2: Area 14, Elev 253'						
18	18	Neutron Monitoring Drive Mechanism	U1: Area 12, Elev 253'						
			U2: Area 14, Elev 253'						
19	19	Turbine Auxiliary Bay Hallway East	U1: Area 07, Elev 239'						
			U2: Area 09, Elev 239'						
20	20	Turbine Auxiliary Bay Hallway West	U1: Area 06, Elev 239'						
			U2: Area 10, Elev 239'						
21	21	Reactor Water Clean-Up Heat Exchanger Area	U1: Area 15, Elev 283'						
			U2: Area 18, Elev 283'						
22	22	Reactor Water Clean-Up Pump Area	U1: Area 15, Elev 283'						
			U2: Area 18, Elev 283'						
23	23	Standby Liquid Control System Area	U1: Area 16, Elev 283'						
			U2: Area 17, Elev 283')						
24	24	Reactor Water Clean-Up Inst Rack Area	U1: Area 11, Elev 283'						
			U2: Area 14, Elev 283'						
25	25	Turbine Auxiliary Bay	U1: Area 07, Elev 283'						
			U2: Area 14, Elev 283'						
26	26	Turbine Building Washdown Area	U1: Area 01, Elev 269'						
			U2: Area 05, Elev 269'						
27	27	Reactor Water Clean-Up Filter Area	U1: Area 11, Elev 313'						
			U2: Area 14, Elev 313'						
28	28	Turbine Building Equipment Compartment Exhaust Filters Area	U1: Area 07, Elev 302'						
			U2: Area 09, Elev 302'						
29	29	Drywell Head Laydown Area	U1: Area 15, Elev 352'						
			U2: Area 18, Elev 352'						
30	30*	* Steam Separator Area	U1: Area 15, Elev 352'						
			U2: Area 18, Elev 352'						
31	31*	* Spent Fuel Pool	U1: Area 12, Elev 352'						

ATTACHMENT 2H
(LGS) Area Radiation Monitor Status Listing
Page 3 of 4

Limerick:				Sheet of 3					
Recorder Point No.	Channel Number	Sensor and Converter Location	Area/Elevation	TIME	TIME	TIME	TIME	TIME	TIME
			U2: Area 13, Elev 352'						
32	32	New Fuel Storage Vault	U1: Area 12, Elev 352'						
			U2: Area 13, Elev 352'						
33	33*	* Pool Plug Laydown Area	U1: Area 11, Elev 352'						
			U2: Area 14, Elev 352'						
34	34	H2O2 Analyzers Area	U1: Area 08, Elev 200'						
			U2: Area 08, Elev 200'						
35	35	Gaseous Radwaste Recombiner Hallway	U1: Area 08, Elev 180'						
			U2: Area 08, Elev 180'						

* Qualified Spent Pool Criticality Monitors per Tech Spec 3.3.7.1

ATTACHMENT 2H
(LGS) Area Radiation Monitor Status Listing
Page 4 of 4

Recorder Point No.	Channel Number	Sensor and Converter Location	Area/Elevation	TIME	TIME	TIME	TIME	TIME	TIME
1	41	Sludge Discharge Mixing Pump Room	Area 23, Elev 162'						
2	42	Radwaste Enclosure	Area 23, Elev 162'						
3	43	Concentrate Storage Discharge Pump Room	Area 20, Elev 191'						
4	44	Laundry Drain Processing Room	Area 20, Elev 191'						
5	45	Floor Drain Filter Holding Pump Room	Area 22, Elev 191'						
6	46	Fuel Pool Holding Pump Room	Area 20, Elev 191'						
7	47	Precoat Tank & Pump Room	Area 20, Elev 191'						
8	48	Remote Shutdown Control	Area 08, Elev 289'						
9	49	Radwaste Cask Loading	Area 22, Elev 217'						
10	50	Railroad Car Airlock	Area 16, Elev 217'						
11	51	Radwaste Enclosure Hallway	Area 20, Elev 217'						
12	52	Hot Maint Shop	Area N/A, Elev 217'						
13	53	Entrance Turbine Enclosure Railroad	Area 03, Elev 217'						
14	54	Radwaste Enclosure	Area 20, Elev 239'						
15	55	Radwaste Exhaust Fan	Area 20, Elev 239'						
16	56	Control Room	Area 08, Elev 269' south wall						
17	57	Turbine Area Operating Floor	Area 08, Elev 269'						
18	58	Standby-Gas Treatment Filter Room	Area 08, Elev 332'						
19	36	Unit 1 Deep Bed Demin	Area 06, Elev 217'						
20	60	North Stack Inst Room	Area 13, Elev 411'						

ATTACHMENT 3A
(PBAPS) Plant Monitoring System (PMS) Log-In Instructions
Page 1 of 1

STEP 1 With the "Microsoft Windows NT Workstation" screen displayed, **PRESS (Cntrl+Alt+Del)** simulataneously to access the login screen display.

STEP 2 At the "Login Info" screen, **ENTER** the following:

- TSC or OSC workstations

Username: pms

Password: pbpms

- SMB (Reactor Engineering Computer Room) workstations

Username: rxeng

Password: pbpms

- Control Room – Unit 2 workstations

Username: u2pms

Password: leave blank (no password)

- Control Room – Unit 3 workstations

Username: u3pms

Password: leave blank (no password)

PRESS Enter key or **SELECT** OK

CAUTION

This is a Human Performance Error Likely Situation. In the following action, you must choose the correct Unit # to recive the data for that unit.

STEP 3 From the Windows NT Desktop, **SELECT** START menu.

STEP 4 **SELECT** the appropriate unit data to be transmitted:

- PB2 for Unit #2 data, or
- PB3 for Unit #3 data

The PMS screen will now be activated.

STEP 5 **VERIFY** that the correct Unit is displayed on the PMS screen.

ATTACHMENT 3B
(PBAPS) Emergency Response Data System Instructions
Page 1 of 2

INITIATE ERDS link to the NRC via a Plant Monitoring System (PMS) Terminal located in either the Control Room or Technical Support Center (TSC).

With the PMS computer program activated (per Attachment 9), **PERFORM** the following steps to establish ERDS link to the NRC:

STEP 1 **SELECT** the EPDS menu or TYPE EPD.

STEP 2 **SELECT** the NRC Link Activation or TYPE the letters NRC.

STEP 3 **SELECT** "F1" to activate.

STEP 4 **SELECT** either:

- "F1" to activate Unit 2 link, or
- "F2" to activate Unit 3 link.

STEP 5 **ENTER** the password "USNRC" and **PRESS** Return key.

<u>COMPUTER POINT</u>	<u>ENGINEERING UNITS</u>	<u>DESCRIPTION</u>
C229 / C529	1E-9 to 100 % power	Average Wide Range Neutron Monitor
D524 / D824	Reset / Trip	A1 Channel Main Steam Line High Radiation
D525 / D825	Reset / Trip	B1 Channel Main Steam Line High Radiation
D526 / D826	Reset / Trip	A2 Channel Main Steam Line High Radiation
D527 / D827	Reset / Trip	B2 Channel Main Steam Line High Radiation
H004 / H304	0 to 1500 psig	A Channel Reactor Pressure
H005 / H305	0 to 1500 psig	B Channel Reactor Pressure
H037 / H337	norm / HiHi	Drywell Floor Drain Sump Level
H050 / H350	0 to 42 feet	Condensate Storage Tank Level
H053 / H353	0 to 6000 gpm	HPCI Flow
H054 / H354	0 to 700 gpm	RCIC Flow
H055 / H355	0 to 8000 gpm	A Loop Core Spray Flow
H056 / H356	0 to 8000 gpm	B Loop Core Spray Flow
J154 / J654	1E-7 to 0.1 uCi/cc	Low Range Main Stack Radiation
J155 / J655	1E-4 to 1E2 uCi/cc	Mid Range Main Stack Radiation
J156 / J656	0.1 to 1E5 uCi/cc	High Range Main Stack Radiation
J158 / J658	1E-7 to 0.1 uCi/cc	Low Range Main Stack Radiation
J159 / J659	1E-4 to 1E2 uCi/cc	Mid Range Main Stack Radiation
J160 / J660	0.1 to 1E5 uCi/cc	High Range Main Stack Radiation
M002 / M302	1 to 1E6 mR/hr	Off-Gas Radiation (SJAЕ Discharge)
M004 / M304	0.1 to 1E6 cps	Radwaste Liquid Effluent Radiation

ATTACHMENT 3B
(PBAPS) Emergency Response Data System Instructions
Page 2 of 2

<u>COMPUTER POINT</u>	<u>ENGINEERING UNITS</u>	<u>DESCRIPTION</u>
R006	0 to 359 degrees	320' Tower 2 Wind Direction
R007	0 to 100 mph	320' Tower 2 Wind Speed
R008	0 to 99 degrees	320' Tower 2 Sigma Theta
SPDS 0030 / 0330	30 to 230 degrees F	Average Torus Temperature
SPDS 0200 / 0500	0 to 125% power	Average Non-Bypassed APRM Power
SPDS 0201 / 0501	-325 to 371 inches	Average Compensated Reactor Level
SPDS 0202 / 0502	-2 to 225 psig	Average Selected Drywell Pressure
SPDS 0222	0.1 to 1E6 cps	Average Inserted SRM Count Rate
SPDS 0223 / 0523	1 to 21 feet	Average Torus Level
SPDS 1274 / 1574	0 to 25,000 gpm	A Loop LPCI Flow
SPDS 1275 / 1575	0 to 25,000 gpm	B Loop LPCI Flow
SPDS 1276 / 1576	0 to 30% H2	Torus Hydrogen
SPDS 1277 / 1577	0 to 30% O2	Torus Oxygen
SPDS 1278 / 1578	0 to 30% H2	Drywell Hydrogen
SPDS 1279 / 1579	0 to 30% O2	Drywell Oxygen
SPDS 1287 / 1587	1E-7 to 1E5 uCi/cc	Average Main Stack Radiation
SPDS 1288 / 1588	1E-7 to 1E5 uCi/cc	Average Vent Stack Radiation
SPDS 1289 / 1589	75 to 55 degrees F	Bulk Average Drywell Temperature
SPDS 1293 / 1593	0 to 21 M#/hr	Total Feedwater Flow
T061 / T361	1 to 1E8 Rem/hr	Channel 2 Drywell High Radiation
T062 / T362	1 to 1E8 Rem/hr	Channel 3 Drywell High Radiation
T063 / T363	1 to 1E8 Rem/hr	Channel 4 Drywell High Radiation
T081 / T381	1 to 1E8 Rem/hr	Channel 1 Drywell High Radiation

ATTACHMENT 3C**(PBAPS) Instructions for Establishing Priority Status / OSC Team Board****Page 1 of 3**

TSC Status Board Operation	REFER to Section 1
OSC Status Board Operation	REFER to Section 2
EOF Status Board Operation.....	REFER to Section 3

Section 1 TSC Status Board Operation

- STEP 1** **TURN ON** computer. (The NetMeeting Program should start-up.)
- STEP 2** After the computer has completed finished loading, **TYPE** in "pbepbrd" in password pop-up box and then **SELECT** "OK".
- STEP 3** On "MEETINGS" dialog box, **SELECT** "OK"
- STEP 4** On "NetMeeting" Window, **SELECT** "TOOLS", and then **SELECT** "SHARING".
- STEP 5** On "Sharing" Window, **SELECT** "priority.wbd – ibid" and **CLICK** "SHARE" and then close "SHARING" Window.

CAUTION

Failure to perform **STEP 6** will render that section of the screen unusable by the EOF and OSC

- STEP 6** **MINIMIZE** "NetMeeting" Window.
- STEP 7** **MAXIMIZE** "Priority.wbd - ibid" Window.
- STEP 8** **VERIFY** operation of the Priority Status Board by contacting the OSC & EOF after recording initial message.

At the completion of drill/emergency, PERFORM the following:

- STEP 1** On "NetMeeting" Window, **SELECT** "CALL", and then **SELECT** "HANG UP"
- STEP 2** From the START Menu, **SELECT** "SHUT DOWN"
- STEP 3** When "Save changes to Priority.wbd – ibid" appears, **SELECT** "NO".

ATTACHMENT 3C**(PBAPS) Instructions for Establishing Priority Status / OSC Team Board****Page 2 of 3****Section 2 OSC Status Board Operation**

- STEP 1** **TURN ON** computer.
- STEP 2** After the computer has completed finished loading, **PRESS** "Ctrl + Alt + Del".
- STEP 3** **TYPE** "whiteboard" for username and "pbep" for password in pop-up box, then **PRESS** "ENTER".
- STEP 4** When "NetMeeting" Window prompts for password, **ENTER** "pbepbrd".
- STEP 5** On "NetMeetings" Properties Window, **SELECT** "OK".
- STEP 6** **MINIMIZE** "NetMeeting" Window.
- STEP 7** **MAXIMIZE** "Priority.wbd-ibid" window when it displays.
- STEP 8** **VERIFY** operation of the Priority Status Board by contacting the TSC & EOF after recording initial message.

At the completion of drill/emergency, PERFORM the following:

- STEP 1** On "NetMeeting" Window, **SELECT** "CALL", and then **SELECT** "HANG UP"
- STEP 2** From the START Menu, **SELECT** "SHUT DOWN"
- STEP 3** When "Save changes to Priority.wbd – ibid" appears, **SELECT** "NO".

ATTACHMENT 3C
(PBAPS) Instructions for Establishing Priority Status / OSC Team Board
Page 3 of 3

Section 3 EOF Status Board Operation

NOTE: Unless needed for another purpose, LAN log-on is not needed. Simply cancel through all log-on windows.

STEP 1 **BOOT** computer (PC).

NOTE: The NetMeeting application will load and either be opened on the desktop or minimized on the lower tool bar.

STEP 2 **LOCATE** Peach Bottom Status Board Icon on the desktop, and **DOUBLE-CLICK**.

STEP 3 **ENTER** "pbepbrd" for password and **CLICK** "OK".

STEP 4 **CLICK** "OK" on the "NetMeetings" properties screen.

STEP 5 **MINIMIZE** the "NetMeeting" Window.

STEP 6 If information is not yet available, then **CONTACT** the TSC Damage Control Communicator to determine status of initiating status board.

NOTE: You may observe a block of color obscuring some or all of the status board window. This caused by the TSC opening another window in front of the Status Board window on the TSC PC. If this does not go away, then **CONTACT** the TSC Damage Control Communicator to close any windows that may be open in front of the status board screen.

Printing Status Board Status Display

STEP 7 To capture the image, **PRESS** the "PRINT SCREEN" Button on the keyboard. (This will store an image on the Clipboard.)

STEP 8 **OPEN** MS WORD and **PASTE** the image onto the WORD Document. **SIZE** and **CROP** it to maximize the image on the page.

STEP 9 **PRINT** the image to the local printer.

ATTACHMENT 3D
(PBAPS) TSC Electronic Display Board Instructions
Page 1 of 2

A. TO CREATE A NEW MESSAGE (Not on file):

- STEP 1 SELECT: GEN FILE**
- STEP 2 TYPE file name for file (must be 8 or less characters)**
- STEP 3 PRESS: <ENTER>**
- STEP 4 EDIT beginning at the character before the message**
- STEP 5 PRESS: "FUNC", then PRESS "TRAVEL SPEED", and SELECT: 1**
- STEP 6 PLACE desired features before each "MESSAGE/WORDS" by pressing "FUNC" followed by the desired feature**
- STEP 7 TYPE: MESSAGE (see attached "MESSAGE FILES")**
- STEP 8 PRESS: <ENTER>**

B. TO TRANSMIT MESSAGES (in file):

- STEP 1 SELECT: SEL FILE**
- STEP 2 TYPE desired file name (i.e., WELCOME, DRILLALE, DRILLSIT, etc.)**
- STEP 3 PRESS: <ENTER>**
- STEP 4 PRESS: TRANSMIT**
- STEP 5 Port? SELECT: 1**
- STEP 6 PRESS: <ENTER>**

C. IN THE EVENT OF A POWER OUTAGE (No message on screen):

- STEP 1 SELECT: ERASE FILE**
- STEP 2 TYPE: ALL**
- STEP 3 PRESS: <ENTER>**

ATTACHMENT 3D
(PBAPS) TSC Electronic Display Board Instructions
Page 2 of 2

MESSAGE FILES

<u>File Name</u>	<u>File</u>
WELCOME	
DRILLALE	Roll center, spell, flash, "Welcome", split screen, burst "Technical Support", split screen, roll center, "Center"
DRILLSIT	Roll up, "This is a Drill", split screen, ripple, "Site Area Emergency", split screen, roll down, "This is a Drill", burst, "Site Area Emergency"
DRILLGEN	Roll up, "This is a Drill", split screen, ripple, "General Emergency", split screen, roll down, "This is a Drill", burst, "General Emergency"
ALERT	Spell, "Alert", Roll down, "Alert", split screen, "Emergency Classification is", split screen, burst, flash, "Alert", flash
SITE AREA	Roll center, "Site Area Emergency", scroll center, "Site Area Emergency", split screen, "Emergency Classificationis", split screen, zip, flash, "Site Area Emergency"
GENERAL	Roll center, "General Emergency", scroll center, "General Emergency", split screen, "Emergency Classificationis", split screen, zip, flash, "General Emergency"

ATTACHMENT 3E
(PBAPS) TSC Overhead Projector Remote Control Instructions
Page 1 of 1

TO

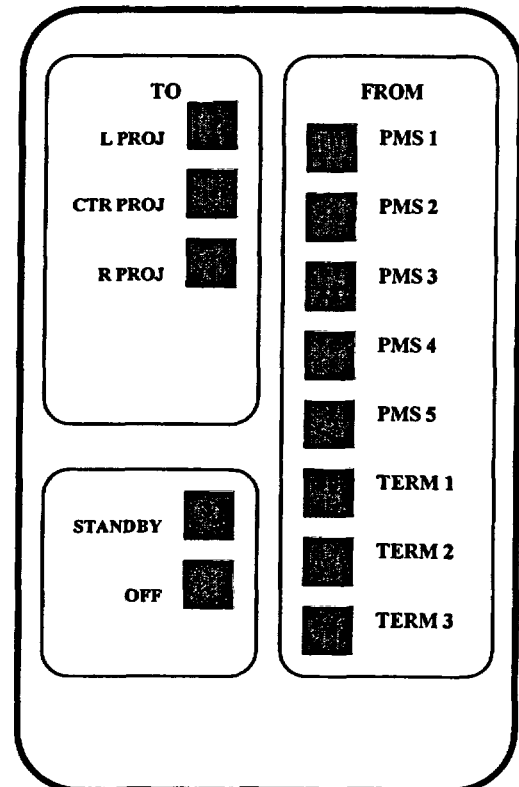
L PROJ: Press to control the left projector
CTR PROJ: Press to control the center projector
R PROJ: Press to control the right projector

FROM

PMS 1: Displays PMS 1 on the selected projector
PMS 2: Displays PMS 2 on the selected projector
PMS 3: Displays PMS 3 on the selected projector
PMS 4: Displays PMS 4 on the selected projector
PMS 5: Displays PMS 5 on the selected projector
TERM 1: Displays Terminal 1 on the selected projector
TERM 2: Displays Terminal 2 of the selected projector
TERM 3: Displays Terminal 3 on the selected projector

STANDBY: Toggles the selected projector into or out of the standby mode. Holding this key down for more than 2 seconds will toggle all the projectors. It is recommended to place the projectors in standby mode rather than turning them off, unless the projectors will not be used for more than 8 hours.

OFF: Turns the selected projectors off. If this key is held down for more than 2 seconds, all of the projectors are turned off.



USER'S REMOTE

ATTACHMENT 3F
(PBAPS) Offsite Siren Activation
Page 1 of 2

TIME: ____ / ____ / ____ / DATE: ____ / ____ / ____	INITIALS
1. INITIAL SIREN ACTIVATION INFORMATION: f. Requesting Official: _____ (Name) _____ (Phone) g. Selected Sirens (All, County, Municipality, Single Siren(s): h. Date / Time authorization given: ____ / ____ / ____ at _____ i. Date / Time to activate: ____ / ____ / ____ at _____ j. Siren Mode (Alert or Attack): _____	
1. COMPUTER ACTIVATION (If required, otherwise N/A.) b. If computer is locked up or unresponsive, then REBOOT computer by <u>either</u> : • Simultaneously DEPRESS "CTRL", "ALT" and "DELETE" keys; <u>or</u> • CYCLE power switch (ON/OFF).	
3a. ACTIVATION OF ALL SIRENS: (On REAC-3000 front panel) (1) Using "CURSOR" Up/Down Arrow buttons, SELECT appropriate siren mode (Alert or Attack) (2) DEPRESS "ENTER" button <u>twice</u>	
3b. ACTIVATION OF SIRENS FOR A SINGLE COUNTY: (REAC-300 panel) (1) Using "CURSOR" Up/Down Arrow buttons, SELECT appropriate siren mode (Alert or Attack) (2) DEPRESS "ENTER" button <u>once</u> (3) DEPRESS "CURSOR" Down arrow button <u>once</u> (4) DEPRESS "ENTER" button <u>once</u> (5) Using "CURSOR" Up/Down Arrow buttons, SELECT appropriate County and LIST below: (6) DEPRESS "ENTER" button <u>once</u> (7) DEPRESS <u>red</u> "ACTIVATION" button	
3c. ACTIVATION OF SIRENS FOR A MUNICIPALITY: (REAC-300 panel) (8) Using "CURSOR" Up/Down Arrow buttons, SELECT appropriate siren mode (Alert or Attack) (9) DEPRESS "ENTER" button <u>once</u> (10) DEPRESS "CURSOR" Down arrow button <u>twice</u> (11) DEPRESS "ENTER" button <u>once</u> (12) Using "CURSOR" Up/Down Arrow buttons, SELECT appropriate Municipality and LIST below: (13) DEPRESS "ENTER" button <u>once</u> (14) DEPRESS <u>red</u> "ACTIVATION" button	

ATTACHMENT 3F
(PBAPS) Offsite Siren Activation
Page 2 of 2

<p>3d. <u>ACTIVATION OF A SINGLE SIREN:</u> (REAC-300 panel)</p> <p>(8) Using "CURSOR" Up/Down Arrow buttons, SELECT appropriate siren mode (Alert or Attack)</p> <p>(9) DEPRESS "ENTER" button <u>once</u></p> <p>(10) DEPRESS "CURSOR" Down arrow button <u>three</u> times</p> <p>(11) DEPRESS "ENTER" button <u>once</u></p> <p>(12) Using "CURSOR" Up/Down Arrow buttons, SELECT the desired siren(s) and LIST below:</p> <p>(13) DEPRESS "ENTER" button <u>once</u></p> <p>(14) DEPRESS <u>red</u> "ACTIVATION" button</p>	
<p>4. REPORT results of siren activation(s) to requesting authority.</p>	

ATTACHMENT 3G
(TMI) Employee Emergency Notification Line
Page 1 of 2

After being contacted by (or contacting the Station Duty Officer), the Nuclear Duty Officer (NDO) will **RECORD** a site ASPEN message outlining basis for event classification and plant status as part of Step 1.6 to the Nuclear Duty Officer Checklist (EP-AA-112-401, Attachment 1):

STEP 1 DELETE EXISTING ASPEN MESSAGES AS FOLLOWS:

- STEP 1a** **ACCESS** the ASPEN System by dialing **(717) 456-3605 OR 807-3605**.
- STEP 1b** When the System answers, **PRESS** the **"#"** key and follow prompt.
- STEP 1c** After "Mailbox Number Please", **ENTER 1737**.
- STEP 1d** After "Emergency Information, Peach Bottom – Please enter your password", **ENTER 911911**.
- If there is an existing ASPEN Broadcast Message(s), then **PRESS "33"** to go to the end of message. When prompted, "To continue, **PRESS "#"**.
 - **REPEAT** for multiple recordings.
- STEP 1e** After "End of Review", **PRESS "7"** to delete Broadcast Messages(s)
- STEP 1f** **PRESS "*" to disconnect and then HANG-UP. PROCEED to Step 2.**

STEP 2 PLACE EMERGENCY NOTIFICATION INFORMATION ON THE ASPEN SYSTEM AS FOLLOWS:

- STEP 2a** **ACCESS** the ASPEN System by dialing **(717) 456-3605 OR 807-3605**.
- STEP 2b** When the System answers, **PRESS** the **"#"** key and follow prompt.
- STEP 2c** After "Mailbox Number Please", **ENTER 5307**.
- STEP 2d** After "Emergency Information, Peach Bottom – Please enter your password", **ENTER 911911**.
- If there is an existing ASPEN Broadcast Message(s), then **PRESS "33"** to go to the end of message. When prompted, "To continue, **PRESS "#"**.
- STEP 2e** After "End of Review", **PRESS "7"** to delete Broadcast Messages(s)
- STEP 2f** At Main Menu, **PRESS "2"** to send a message.

ATTACHMENT 3G
(TMI) Employee Emergency Notification Line
Page 2 of 2

- STEP 2g** **RECORD** the following event information and **PRESS “#”** when finished recording:
- E-Plan event classification and time classified
 - Affected unit
 - Emergency facilities activated?
 - Brief description
- STEP 2h** **ENTER** mailbox 1737 as the destination, when prompted
- STEP 2i** **PRESS “#”** to send.
- STEP 2j** **PRESS “*”** for no other destinations, when prompted.
- STEP 2k** **PRESS “*”** to disconnect and then **HANG-UP**

ATTACHMENT 3H
(PBAPS) Area Radiation Monitor Status listing
Page 1 of 4

Peach Bottom: [] Unit 2 [] Unit 3

Sheet 1 of 4

ARM NO.	LOCATION	mR/hr FULL SCALE	TIME	TIME	TIME	TIME	TIME	TIME
1-2	RX-2 88' SUMP ROOM	10 ⁴						
1-3	U/2 TORUS ROOM AT B/D CORE SPRAY	10 ⁴						
1-4	U/2 HPCI ROOM 88'	10 ⁴						
1-5	U/2 RCIC ROOM 88'	10 ⁴						
1-6	2D RHR ROOM 116'	10 ⁴						
1-7	2A RHR ROOM 91' 6"	10 ⁴						
1-8	2B CORE SPRAY ROOM 91' 6"	10 ⁴						
1-9	U/2 CONDENSER PUMP PIT 91' 6"	10 ⁴						
1-10	"A" CORE SPRAY							
	U/2 TRIANGLE ROOM 116' SOUTH	10 ⁴						
1-11	"B" CORE SPRAY							
	U/2 TRIANGLE ROOM 116' NORTH	10 ⁴						
1-12	U/2 RBCCW ROOM 116'	10 ⁴						
2-1	TB2 116' AT SAMPLE SINK	10 ⁴						
2-3	TB2 116' AT CRD PUMPS	10 ⁴						
2-4	U/2 MOIST. SEP. AREA 116'	10 ⁶						
2-5	RX2 135' AT RAILROAD DOOR	10 ⁴						
2-6	RX2 135' AT DW EQUIP. HATCH	10 ⁴						
2-7	RX2 135' NORTH EAST CORNER	10 ⁴						
2-8	U/2 TIP ROOM 135' (INSIDE)	10 ⁴						
2-9	TB2 135' BOWLING ALLEY	10 ⁴						
2-10	TB2 135' MOIST. SEP. MEZZANINE	10 ⁶						
2-11	RX2 165' AT FW SAMPLE SINK	10 ⁴						
2-12	RX2 165' AT SOUTH WEST STAIRWELL	10 ⁴						
3-1	TB2 165' "C" FWH AND RFPT SOUTH	10 ⁴						

ATTACHMENT 3H
(PBAPS) Area Radiation Monitor Status Listing
Page 2 of 4

Peach Bottom: [] Unit 2 [] Unit 3

Sheet 2 of 4

ARM NO.	LOCATION	mR/hr FULL SCALE	TIME	TIME	TIME	TIME	TIME	TIME
3-2	TB2 165' "A" FWH AND RFPT NORTH	10 ⁴						
3-4	TB2 165' AT HIGH PRESSURE TURBINE	10 ⁴						
3-5	U/2 NEW FUEL STORAGE AREA 205'	10 ⁴						
3-6	U/2 RX BLDG FAN ROOM 195'	10 ⁴						
3-7	RX2 234' STEAM SEP. POOL AREA	10 ⁴						
3-8	RX2 234' WEST WALL	10 ⁴						
	NORTH EAST WALL							
3-9	RX2 234' FUEL POOL AREA	10 ⁴						
3-10	RX2 234' NORTH WALL	10 ⁴						
3-12	TB 91'6" AT R/W DOOR	10 ⁶						
4-1	TB 116' ENTRANCE AREA	10 ⁴						
4-2	TB 135' ACCESS AREA (HATCH)	10 ⁴						
4-3	TB 165' ACCESS AREA (HATCH)	10 ⁴						
4-5	MAIN CONTROL ROOM (WEST)	10 ⁴						
4-6	R/W 91'6" SUMP AREA	10 ⁴						
4-7	R/W 116' LAUNDRY ROOM HALL	10 ⁴						
4-8	CONDENSER PHASE SEP. ROOM R/W 110'	10 ⁴						
	DRUM CAPPING STATION							
4-9	R/W 135' CONVEYOR ACCESS AREA	10 ⁴						
4-10	R/W 135' DRUM STORAGE AREA	10 ⁴						
	PERSONNEL DECONTAMINATION							
4-11	R/W 135' FILTER HATCH AREA	10 ⁴						
4-12	R/W 150' WASTE SAMPLE TANKS	10 ⁴						
5-1	116' ADMINISTRATION BLDG	10 ⁴						
5-2	RX2 195' SOURCE VAULT	10 ⁴						

ATTACHMENT 3H
(PBAPS) Area Radiation Monitor Status listing
Page 3 of 4

Peach Bottom: [] Unit 2 [] Unit 3

Sheet 3 of 4

ARM NO.	LOCATION	mR/hr FULL SCALE	TIME	TIME	TIME	TIME	TIME	TIME
5-3	RX3 88' SUMP ROOM	10 ⁴						
5-4	U/3 TORUS ROOM 91'6" AT A/C CORE SPRAY	10 ⁴						
5-6	U/3 88' HPCI ROOM	10 ⁶						
5-7	U/3 88' RCIC ROOM	10 ⁴						
5-8	3D RHR ROOM 116'	10 ⁴						
5-9	3A RHR ROOM 116'	10 ⁴						
5-10	RX3 91'6" "C" CORE PRAY 3B CORE SPRAY ROOM 91'6"	10 ⁴						
5-11	TB3 CONDENSER PUMP PIT 91'6"	10 ⁴						
5-12	RX3 116' "C" CORE SPRAY U/3 TRIANGLE ROOM 116' NORTH	10 ⁴						
6-1	RX3 116' "B" CORE SPRAY U/3 TRIANGLE ROOM 116' NORTH	10 ⁴						
6-2	U/3 RBCCW ROOM 116'	10 ⁴						
6-3	TB3 116' AT SAMPLE SINK	10 ⁴						
6-4	TB3 116' CRD FILTER	10 ⁴						
6-5	TB3 116' MOIST. SEP. AREA	10 ⁶						
6-7	RX3 135' AT DRYWELL ENTRANCE	10 ⁴						
6-8	RX3 135' AT CRD HATCH	10 ⁴						
6-9	RX3 135' AT CRD FILTERS	10 ⁴						
6-10	U/3 TIP ROOM 135' (INSIDE)	10 ⁴						
6-11	TB3 135' BOWLING ALLEY	10 ⁴						
6-12	TB3 135' MOIST. SEP. MEZZANINE	10 ⁶						
7-1	RX3 165' AT FW SAMPLE SINK	10 ⁴						
7-2	RX3 165' AT NORTH WEST STAIRWELL	10 ⁴						
7-3	TB3 165' "A" FWH AND RFPT AREAS NORTH	10 ⁴						
7-4	TB3 165' "C" FWH AND RFPT AREAS NORTH	10 ⁴						

ATTACHMENT 3H
(PBAPS) Area Radiation Monitor Status listing
Page 4 of 4

Peach Bottom: [] Unit 2 [] Unit 3

Sheet 4 of 4

ARM NO.	LOCATION	mR/hr FULL SCALE	TIME	TIME	TIME	TIME	TIME	TIME
7-5	TB3 165' AT HP TURBINE	10 ⁴						
7-6	RX3 205' NEW FUEL STORAGE AREA	10 ⁴						
7-8	U/3 RX BLDG EXHAUST FANS 195'	10 ⁴						
7-9	RX3 234' EQUIPMENT POOL AREA	10 ⁴						
	WEST WALL							
7-10	RX3 234' RPV HEAD STORAGE AREA	10 ⁴						
7-11	RX3 234' FUEL POOL AREA	10 ⁴						
	SOUTH WALL							
7-12	RX3 234' REFUEL BRIDGE	10 ⁴						

ATTACHMENT 4A
(TMI) NRC Emergency Response Data System Instructions
Page 1 of 2

PERFORM the following steps at Control Room CRT 3 or CRT 4.

A. ERDS Activation:

- STEP 1** **SELECT** "ERDS" to display the Emergency Response Data System Page.
- STEP 2** **SELECT** "Initiate" and **VERIFY** that the Emergency Response Data System – Parameter Display Page shows ERDS status as "active" and Link Status as "Dialing Modem".
- STEP 3** **VERIFY** that the following indication is present at the bottom of the Emergency Response Data System – Parameter Display Page to confirm that a link has been established:

Link Status: Link Active
ERDS Status: Active

- If the link **CANNOT** be established or inadvertently terminates, then **PERFORM** the actions outlined in Section B below.

NOTE: Failure to complete the link will be indicated by the following display at the bottom of the Emergency Response Data System – Parameter Display Page:

Link Status: NRC Link Denied or Phone Line Lost,
 Phone Busy, Phone No Answer
ERDS Status: Active

The software should automatically re-establish the link in the event of a problem, but manual intervention may be required

B. Problem Resolution

- STEP 1** **CONTACT** the NRC using the ENS Line or dial telephone to ensure that a line is available and the NRC is set up to receive ERDS data.
- STEP 2** If link does not automatically re-establish, then **PERFORM** the following to manually re-establish the link:
- STEP 2a** **SELECT** "ERDS".
- STEP 2b** **SELECT** "Terminate".
- STEP 2c** **SELECT** "Reconnect".

ATTACHMENT 4A
(TMI) NRC Emergency Response Data System Instructions
Page 2 of 2

C. ERDS Termination

STEP 1 SELECT "ERDS".

STEP 2 SELECT "Terminate".

ATTACHMENT 4B
(TMI) Employee Emergency Notification Line Instructions
Page 1 of 1

After being contacted by (or contacting the Station Duty Officer), the Nuclear Duty (NDO) will **RECORD** a site message outlining basis for event classification and plant status as part of Step 1.6 to the Nuclear Duty Officer Checklist (EP-AA-112-401, Attachment 1):

STEP 1 ACCESS the voice mailbox, as follows:

- a. From an outside phone (i.e., Kennett Square), **DIAL** (717) 948-8424, and **PRESS** “#” (System Subscriber).
- b. From an internal phone (i.e., station), **DIAL** 8424 (TMI Voice Mail) and **PRESS** “*”.

STEP 2 ENTER “8888”

STEP 3 ENTER password “228888”, and **DEPRESS** the “#” button.

STEP 4 PRESS “4” (Personal Options).

STEP 5 PRESS “3” (Greetings).

STEP 6 PRESS “1” (Personal Greeting)

STEP 7 PRESS “2” (Personal)

STEP 8 After tone, RECORD message and then **PRESS** “#” to end message

- a. **PRESS** “*” to re-record the message; or
- b. **PRESS** “#” if message is OK

STEP 9 HANG UP

ATTACHMENT 4C
(TMI) Instructions for Accessing Reuter Stokes
Page 1 of 1

1. **ACCESS** the Reuter Stokes Program from either the Telephone Room in the Harrisburg JPIC building or through the LAN (Y:\Drive).
2. **DRILL DOWN** from Teprac on 'TMI2KDAT01' to locate files named "Rstext#.rsd".
3. **LOCATE** the file with the highest number value in the '#' location of the file name, and **DOUBLE CLICK** on the file to access the data.
4. **VERIFY** that the TRG file was created on the date in question and is within the last four hours. If not, then **CONTACT** the TSC Director and **REQUEST** IT support to reboot the COLA Computer.

NOTE: This drive is updated every four hours automatically.

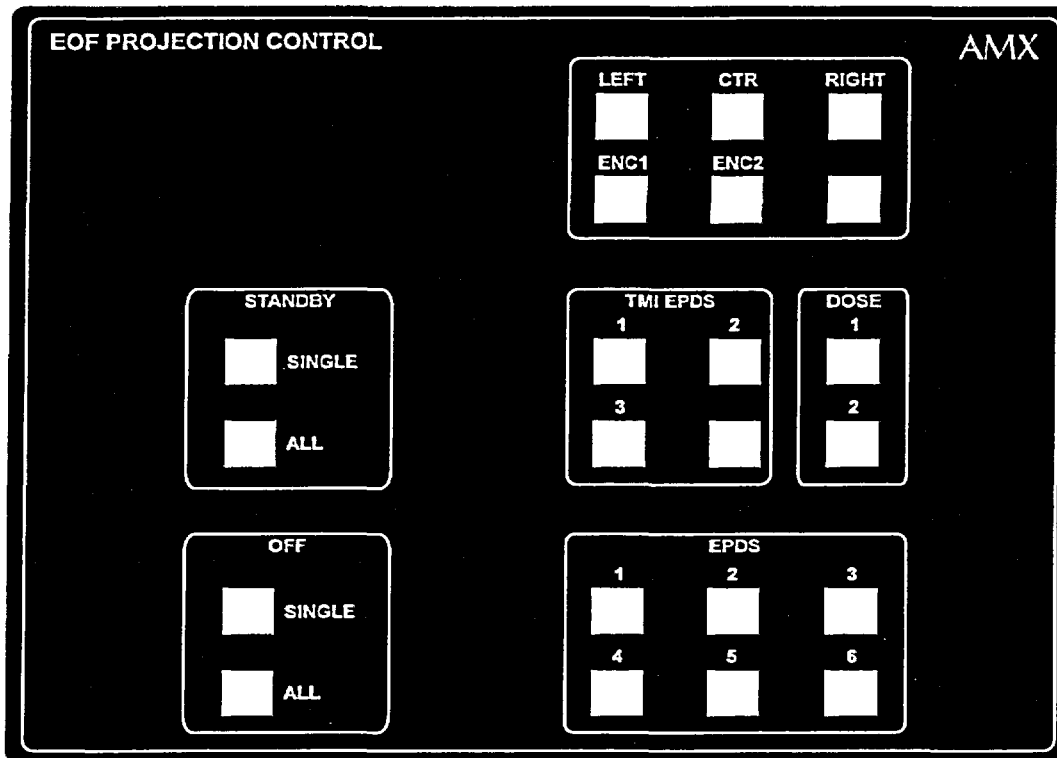
<u>Station</u>	<u>Sector</u>	<u>Azimuth</u>	<u>Location Description</u>	<u>Approximate Distance from Rx Bldg. Centerline</u>
1	N	353	Middletown (Police Building)	2.9
2	NNE	28	North Gate TMI	0.7
3	NE	45	Middletown Substation	1.5
4	ENE	65	Alwine Farm	1.1
5	E	90	Visitor's Center	0.4
6	ESE	107	500 KV Substation	0.5
7	SE	130	Becker Farm	1.4
8	SSE	159	Falmouth Substation	2.2
9	S	182	Cly Substation	2.9
10	SSW	202	TMI Warehouse	0.2
11	SW	221	TMI MDCT	0.1
12	WSW	255	Goldsboro	1.2
13	W	270	TMI River Water Intakes	0.1
14	WNW	300	Fairview Township	2.8
15	NW	324	Harrisburg International Airport	3.7
16	NNW	341	Crawford Station	2.5

ATTACHMENT 4D
(TMI) Accountability Card Reader Instructions
Page 1 of 1

Key card numbers can be entered for personnel in-plant using the keypad on the accountability key card reader as follows:

1. **PRESS** the '*' button.
2. **ENTER** the number (using the number buttons).
3. **PRESS** the '*' button, and **PAUSE** looking for the green light to flash.
4. **REPEAT** the process for each number you must enter.

ATTACHMENT 5A
Operation of the EOF Projector Controller
 Page 1 of 1



Projector Selection and Powerup

Selection a computer display on one of the following PCs: EPDS1, EPDS2, EPDS3, EPDS4, EPDS5, TMI1, TMI2, DOSE1, or DOSE2.

On the Projection Controller, press the projector button (LEFT, CTR, RIGHT, ENC1, or ENC2) for the projector on which you wish to project a PC display.

DO NOT SELECT PROJECTOR ENC1 or ENC2 WITHOUT CONCURRENCE FROM FACILITY MANAGEMENT.

Then press the source PC button

The screen will come down and the projector will warmup and countdown to "0" at which time the image seen on the PC will appear on the projector screen.

Repeat for up to two other PCs as desired.

At any time a PC display can be projected on one or more screens simply by pressing the projector button and then the source PC.

To Darken a Screen without Deenergizing the Projector(s)

To darken on display, press the projector button for the projector you wish to darken and then under the STANDBY group on the Projector Controller, press SINGLE.

To darken all projectors, press ALL under the STANDBY group on the Projector Controller To deenergize a display and raise the screen, press the projector button for the projector you wish to deenergize and then under the OFF group on the Projector Controller, press SINGLE.

To deenergize all projectors and raise all screens, press ALL under the OFF group on the Projector Controller

To Deenergize a Projector(s)

Note: Deenergizing a projector should not be done if the projector will be needed shortly (use STANDBY instead.) The unit will go through a timed cycle of several minutes before reenergizing if an attempt is made to turn it on immediately after turning it .

ATTACHMENT 5B
JPIC OUTLOOK Access
Page 1 of 1

The JPIC PCs, Writer 1 and writer 2, are equipped for use of Microsoft Outlook e-mail in both send and receive modes.

A. Instructions for logging on to Outlook are as follows:

- STEP 1** **LOG ON** either Writer 1 PC or Writer 2 PC in the normal manner.
- STEP 2** **DOUBLE CLICK** on the **Outlook** icon on the desktop. The **Choose Profile** window will appear.
- STEP 3** **CLICK** the arrow at the right side of the **Profile Name** box.
- STEP 4** **SELECT** your name from the list by clicking on it, and then **CLICK** on **OK**. The **Enter Password Window** will appear.

NOTE: If your name is not on this list, you do not have Outlook send/receive access from this location. You should arrange for a person whose name is on this list to log on.

- STEP 1** **TYPE** your normal LAN user ID in the password space. Example: U000ABC.
- STEP 2** **ASSURE** that the entry in the **Domain Name** box is **pecouser**, and then **CLICK** on **OK**.
- STEP 3** **DELETE** any other entry and type in **pecouser** as necessary.

You are now logged onto Microsoft Outlook.

You CAN:

- Send company e-mail
- Receive company e-mail
- Send internet e-mail
- Receive e-mail

You CANNOT:

- Save e-mails to the personal folders on your office PC if those folders are located on the hard drive of your office PC.
- Access e-mails in the personal folders on your office PC if those folders are located on your office PC hard drive.

ATTACHMENT 5C**News Writer / Chronological Events Description Log Users Guide****Page 1 of 2**

STEP 1 **CLICK** on the "Start" button on the task bar.

STEP 2 **CHOOSE** the "Newswriter" icon.

STEP 3 After "Newswriter" loads:

a. Print out Biographies. After the JPIC has been staffed, biographies for the Spokespersons present need to be obtained.

- Click on "Biography" under the box for "Requested Document".
- Select the appropriate file under the section marked "Biographies" by either double clicking on the file name or single click on the file and then click on "View".
- Select "File" from the Toolbar at the top of the page, then select Print from the pulldown menu.
- Repeat this process to obtain Biographies for all Spokespersons present.

b. Print out approved Press Releases. The News Writer prepares the Press Release by revising Boilerplate files in the program.

1. In the Newswriter program, Click on "Press Release" under the "Requested Document" box.
2. Select the appropriate station by Clicking on the station under the "Station Name" box. Both the Boilerplate files and any unique Press Release files should now be listed under the "Press Release" box.

NOTE: If the file you want is not listed, you may need to refresh the Newswriter files by clicking on either Biographies or Chronological Events Description Log and then click back onto Press Release. The saved file should now appear.

3. Double Click on the file name for the Press Release that you want. The word processor should access the file.
4. Select "File" from the Toolbar at the top of the page, then select Print.
5. Exit the word processor to return to the Newswriter program.

ATTACHMENT 5C

News Writer / Chronological Events Description Log Users Guide

Page 2 of 2

c. **Print out approved Chronological Events Description Logs.**

1. In the "NewsWriter program, Click on "Chronological Events Description Log" under the "Requested Document" box.

NOTE: If the file you want is not listed, you may need to refresh the NewsWriter files by clicking on either Biographies or Press Releases and then click back onto Chronological Events Description Log. The saved file should now appear.

2. Double click on the file name for the Chronological Events Description Log file that you want. The word processor should access the file.
3. Select "File" from the Toolbar at the top of the page, then select Print.
4. Exit the word processor to return to the NewsWriter program.

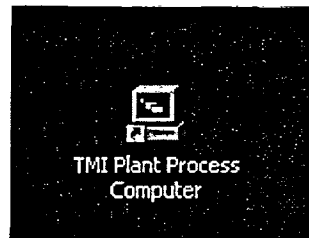
ATTACHMENT 5D
EOF Access to TMI Plant Process Computer (EPDS)
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How To Access TMI PPC (EPDS) Screens?	REFER to Section 1
Accessing Emergency Offsite Facility (EOF) Menu	REFER to Section 2
Navigating Between Screens	REFER to Section 3
Printing A Screen	REFER to Section 4
Viewing A Dynamic Screen	REFER to Section 5
Viewing /Verifyng A Data Point	REFER to Section 6
Viewing Trend For A Datapoint	REFER to Section 7
Scheduling Screen Printing	REFER to Section 8

1. HOW TO ACCESS TMI PPC (EPDS) SCREENS?

To access the EPDS Screens from the desktop of an EPDS Computer

Click TMI Plant Process computer Icon on the desktop to access Plant Process computer



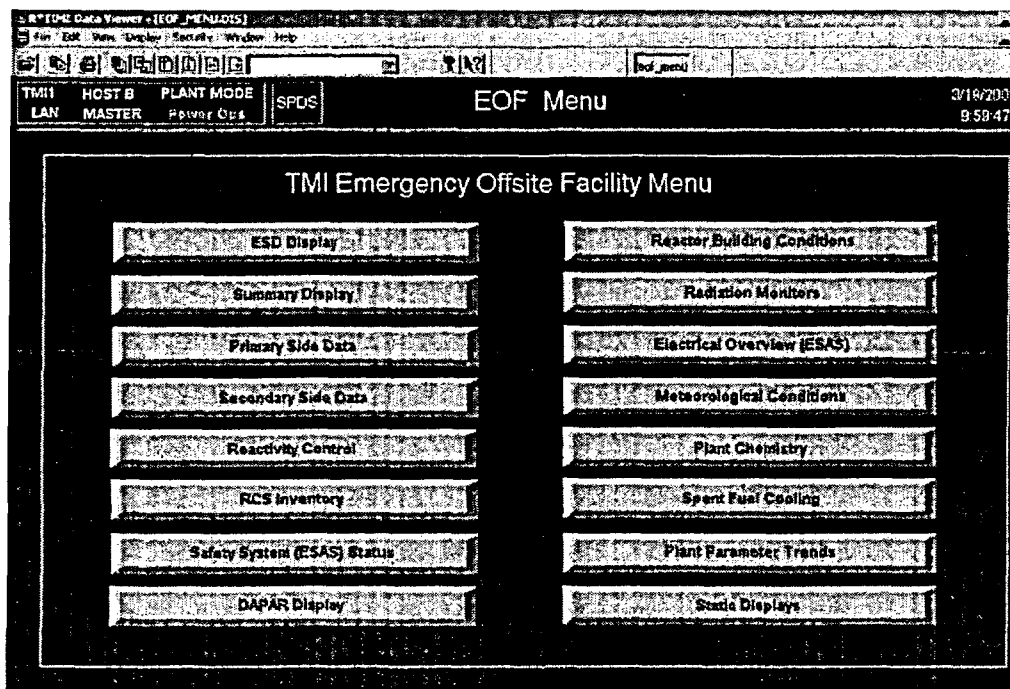
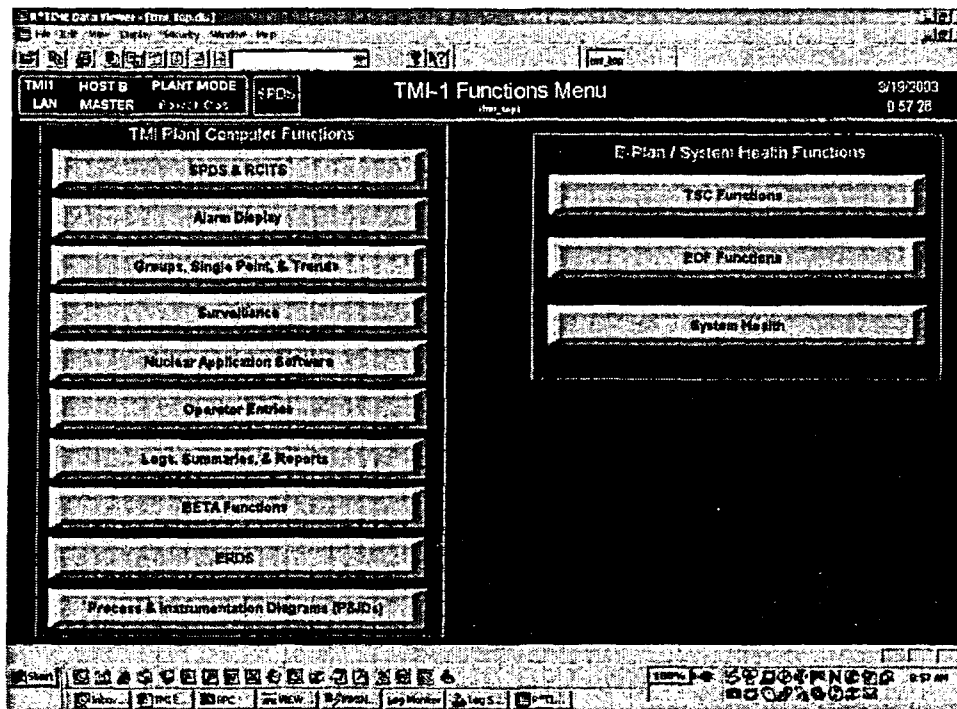
Click TMI RPPC (Simulator) Computer to access TMI Simulator



This opens up the TMI EPDS application and displays a Main Menu (TMI Functions Menu) with several options. User can click on one of these buttons and view the corresponding displays.

ATTACHMENT 5D**EOF Access to TMI Plant Process Computer (PPC)**

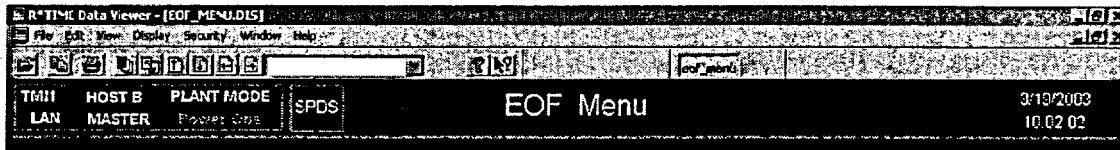
Page 2 of 16

2. ACCESSING EMERGENCY OFFSITE FACILITY(EOF) MENU

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EOF Access to TMI Plant Process Computer (PPC)
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3. NAVIGATING BETWEEN SCREENS

User can navigate between screens by clicking on one of the following buttons.



Page up

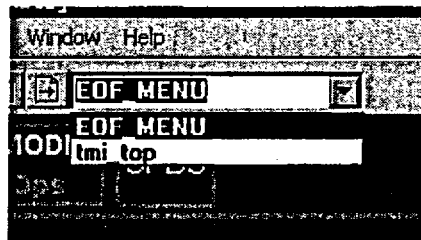


Previous display



Top level display

You may also use the pull down to navigate among the screens.



4. PRINTING A SCREEN

The user can print the screen by clicking the following button on the tool bar, or by selecting the menu option (file +Print...)



ATTACHMENT 5D**EOF Access to TMI Plant Process Computer (PPC)****Page 4 of 16****5. VIEWING A DYNAMIC SCREEN**

From the EOF Menu , click on one of the buttons to display the corresponding dynamic screens. For example, to view the Summary Display Screen, click on the Summary Display button on the EOF menu. This brings up " Summary Display Screen" as shown below.

TMI SUMMARY DISPLAY			PLANT DATA		
PRIMARY SIDE DATA	VALUE	UNITS	REACTOR BLDG	VALUE	UNITS
QCORE BEST EST CORE POWER	2566.73	MWT	RB PRESSURE / WR / PT-291	-0.12	PSIG
INCORE TC 5 HIGHEST TEMPS - AVG	623.02	DEGF	RB TEMPERATURE (TE-655A)	115.68	DEGF
T COLD A WIDE RG/SELECTED	553.88	DEGF	RB SUMP LEVEL A	40.22	IN
RCS HU/CD RATE 1/5 MIN AVG (F/HR)	1.22	F/HR	RB FLOOD LEVEL A	0.55	IN
RCS PRESSURE LOOP A/PT-963	2159.60	PSIG	CONTAINMENT HYDROGEN CONC - A	0.01	PCT
RC FLOW LOOP A - TEMP COMP	71.72	MLB/HR			
RC FLOW LOOP B - TEMP COMP	72.78	MLB/HR			
SECONDARY SIDE DATA			RADIATION		
OTSG A OPER LEVEL / ICS INPUT	67.83	PCT	HI RC LETDOWN HI RAD MON RM-L1	23.80	CPM
OTSG B OPER LEVEL / ICS INPUT	61.11	PCT	CONDENSER EXH RAD MONITOR	0.01	MR/HR
OTSG A PRESS / ICS INPUT	899.50	PSIG	RB HI RANGE RAD MONITOR RM-G-22	0.98	R/HR
OTSG B PRESS / ICS INPUT	903.36	PSIG	RB HI RANGE RAD MONITOR RM-G-23	0.98	R/HR
MAIN FEEDPUMP A FLOW (M LB/HR)	5.66	MLB/HR	OTSG A STEAM LINE RAD MON RM-G2	24.04	CPM
MAIN FEEDPUMP B FLOW (M LB/HR)	5.64	MLB/HR	OTSG B STEAM LINE RAD MON RM-G2	36.20	CPM
MAIN COND PRESS 3RD STG (INHGA)	2.79	INHGA			
TUBE-SHELL DELTA TEMP - OTSG A	10.00	DEGF	ELECTRICAL		
TUBE-SHELL DELTA TEMP - OTSG B	30.02	DEGF	GENERATOR MWATTS (MW)/MCS ALT	896.44	MW
REACTIVITY			MAIN GEN VOLTAGE	18.22	KV
EFFECTIVE FULL POWER DAYS	465.48	EFPD	4 OR 8 BUS VOLTAGE	233.65	KV
XENON REACTIVITY WORTH	-2.49	%DK/K	EG-Y-1A ELECTRICAL LOAD	0.00	MW
RDIND ROD INDEX	291.69	%WD	EG-Y-1B ELECTRICAL LOAD	0.01	MW
FULL RANGE NEUTRON POWER NI-11	115.29	PCT	METEOROLOGICAL CONDITIONS		
RCS			AMBIENT-DRY BULB TEMP	43.30	DEGF
TOTAL HPI FLOW (GPM)	2.38	GPM	WWW-WS-100A WIND SPEED	11.01	MPH
TOTAL LPI FLOW (GPM)	2.93	GPM	WWW-WD-100A WIND DIRECTION	468.53	DEGREES
MU LETDOWN FLOW	51.89	GPM			
EWST LEVEL /RSD CHAN B/ LT-809	56.59	FT			

If the data is from the Simulator instead of from the Plant Process Computer the title of the Screen will display " -Drill Data" at the end of the title.

Data Point values on the Dynamic Screens will be displayed in appropriate colors based on their quality code and alarm condition. The following tables lists the various Quality Codes, Alarm Values. These code values apply to all the EOF screens with the exception of the DAPAR and the ESD Screens. The ESD screen was built for the process computer folks and the DAPAR Screen was built by the DAPAR folks and as such they do not follow this convention.

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EOF Access to TMI Plant Process Computer (PPC)

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Quality Code	Color
Good	Cyan
Bad	Magenta
Failed	Magenta
Deleted	Magenta
Poor	Yellow
Suspect	Red
Entered	Blue

Alarm Condition	Description	Color
UNK	Unknown; Point not yet processed	Magenta
DEL	Point deleted from processing	Magenta
NCAL	Point not calculatable	Magenta
INVL	DAS front-end hardware error	Magenta
RDER	Sensor read error	Magenta
OTC	Open thermocouple	Magenta
BAD	Input count exceeds sensor range	Magenta
HRL	Point exceeds high reasonable limits	Magenta
LRL	Point exceeds low reasonable limits	Magenta
REDU	Point fails redundant point check	White
HIHI	Point above high alarm limit	Red
LOLO	Point below low alarm limit	Red
HALM	Point above high warning limit	Yellow
LALM	Point below low warning limit	Yellow
ALM	State/Change-of-state alarm	Red
SUB	Substitute value for point	Blue
DALM	Point deleted from alarm checks	Cyan
INHB	Alarm inhibited by cut-out point	Cyan
GOOD	Point passes all above checks	Cyan

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EOF Access to TMI Plant Process Computer (PPC)
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6. VIEWING /VERIFYNG A DATA POINT

User can view a data point on the Dynamic display either by clicking the right mouse button on the data point and select "Display Driving Point" menu option. The Driving Point Information will be displayed in a separate window like the one shown below.

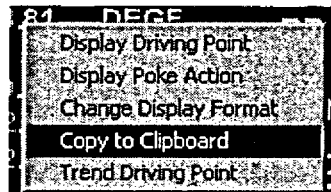
Point	Description	Units
A0002	OTSG A OPER LEVEL / ICS INPUT	PCT

User can also view the data point by placing the cursor on the appropriate data point on the dynamic screen. The Driving point data is displayed in the status bar as shown below.

BWST LEVEL /RSD CHAN B/ LT-309		56.59	FT
Point: A5058 Description: OTSG B PRESS / ICS INPUT Units: PSTG			

7. VIEWING TREND FOR A DATAPOINT

User can view the trend for a driving point by right mouse clicking on the data point value and selecting the "Trend Driving Point" menu option.

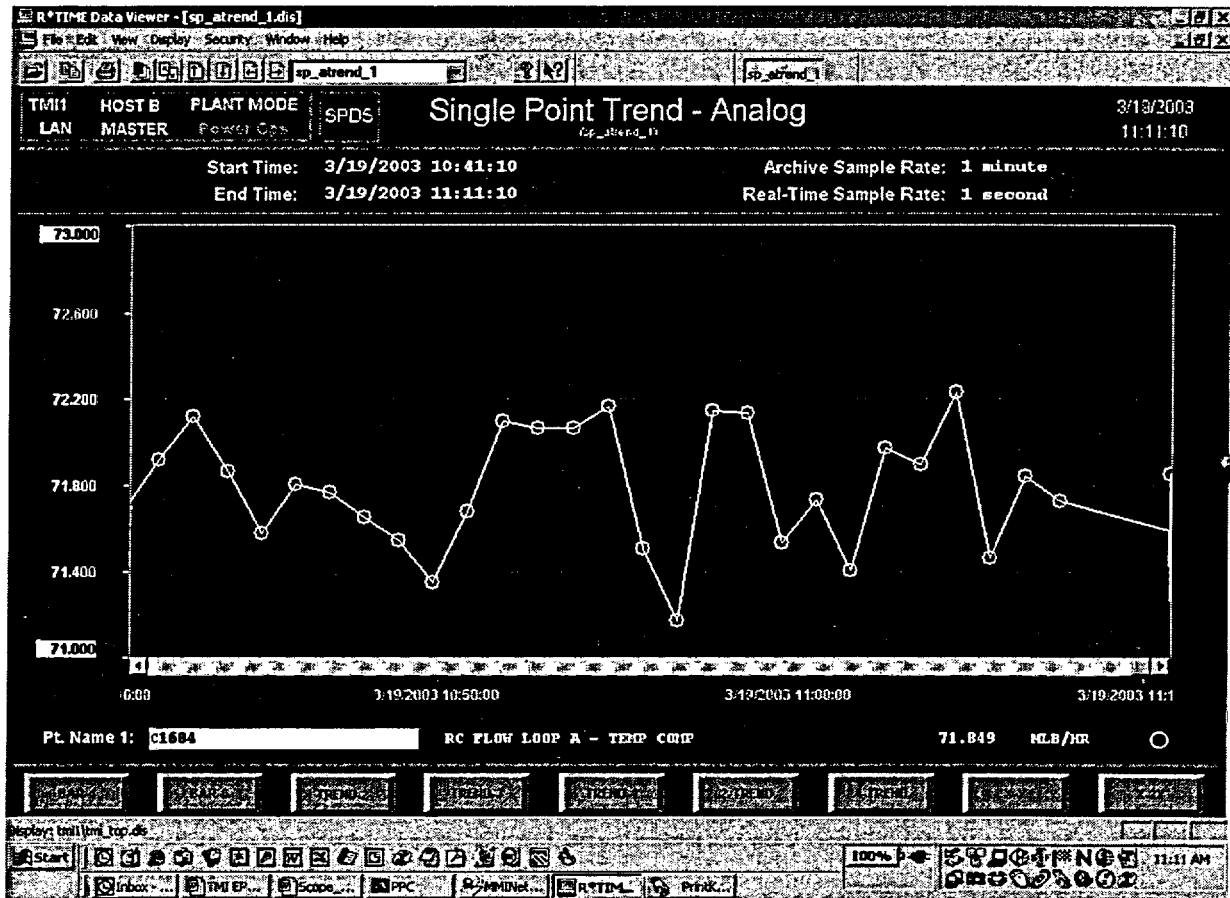


A graphical display of the driving trend point will be displayed like the one shown below.

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EOF Access to TMI Plant Process Computer (PPC)

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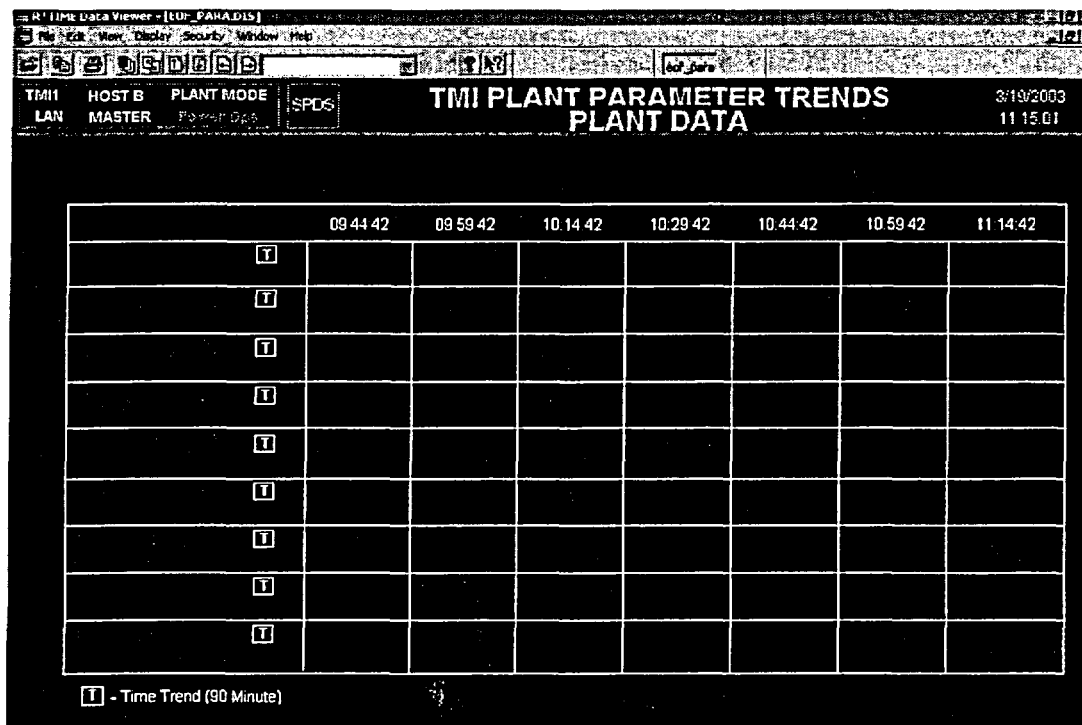


Users may adjust the X and Y parameters by clicking on the values or the buttons. For example by clicking on the start time the user may adjust the start time for the trend.

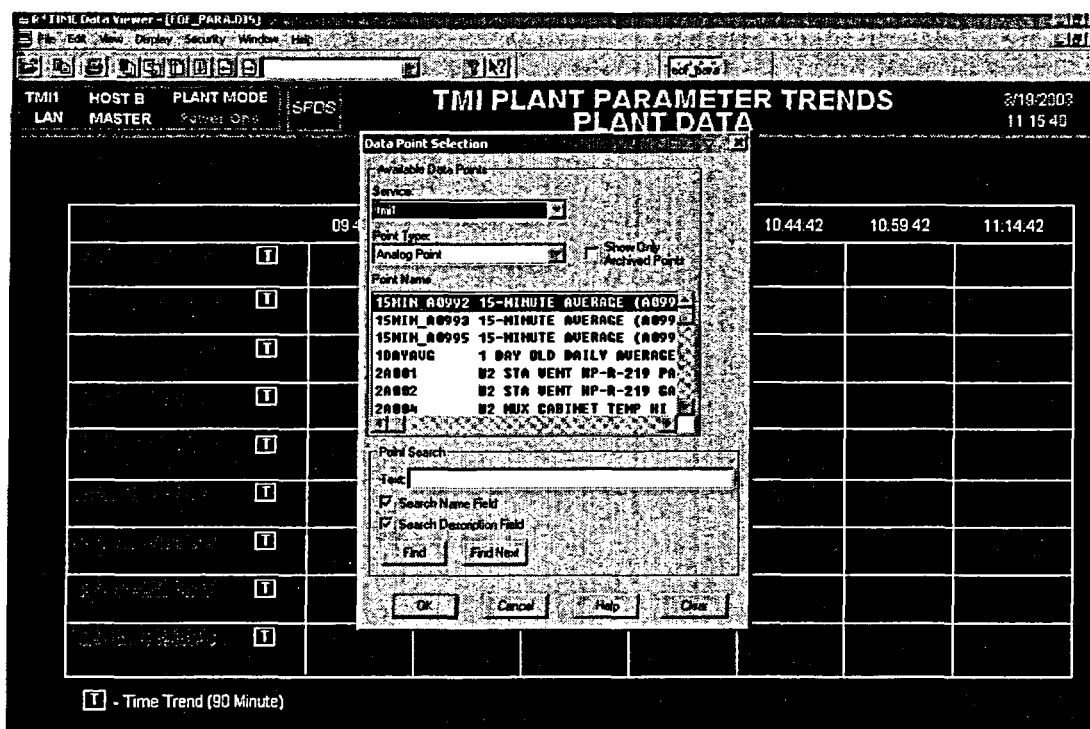
User may also set up a trend of a selected data point on the "Plant Parameter Trend Display" Screen shown below. This screen is accessed from the main EOF Menu.

ATTACHMENT 5D**EOF Access to TMI Plant Process Computer (PPC)**

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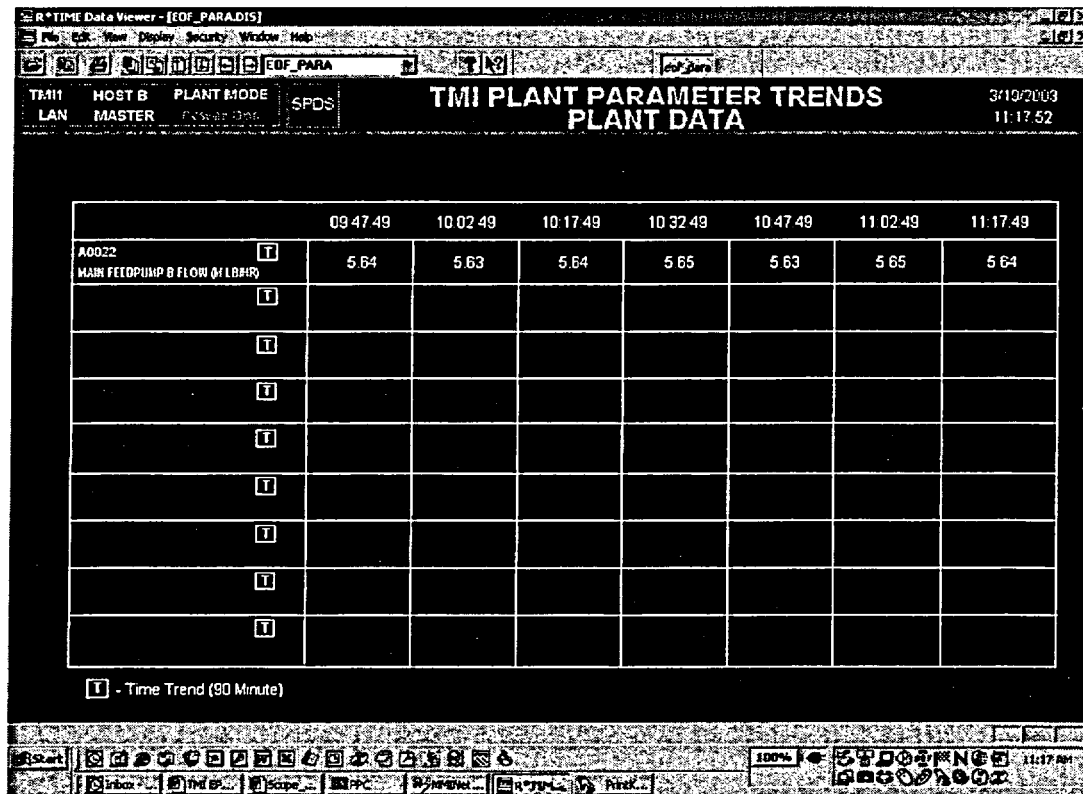


The user can select the point they wish to trend by double clicking on one of the gray boxes shown on the screen. A list of point is then displayed for the user to select from as shown below.



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EOF Access to TMI Plant Process Computer (PPC)
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A sample trend for the Main B Feed Water pump is offer as a sample below.



The user may display the trend for each of the points selected by clicking on the box with the T

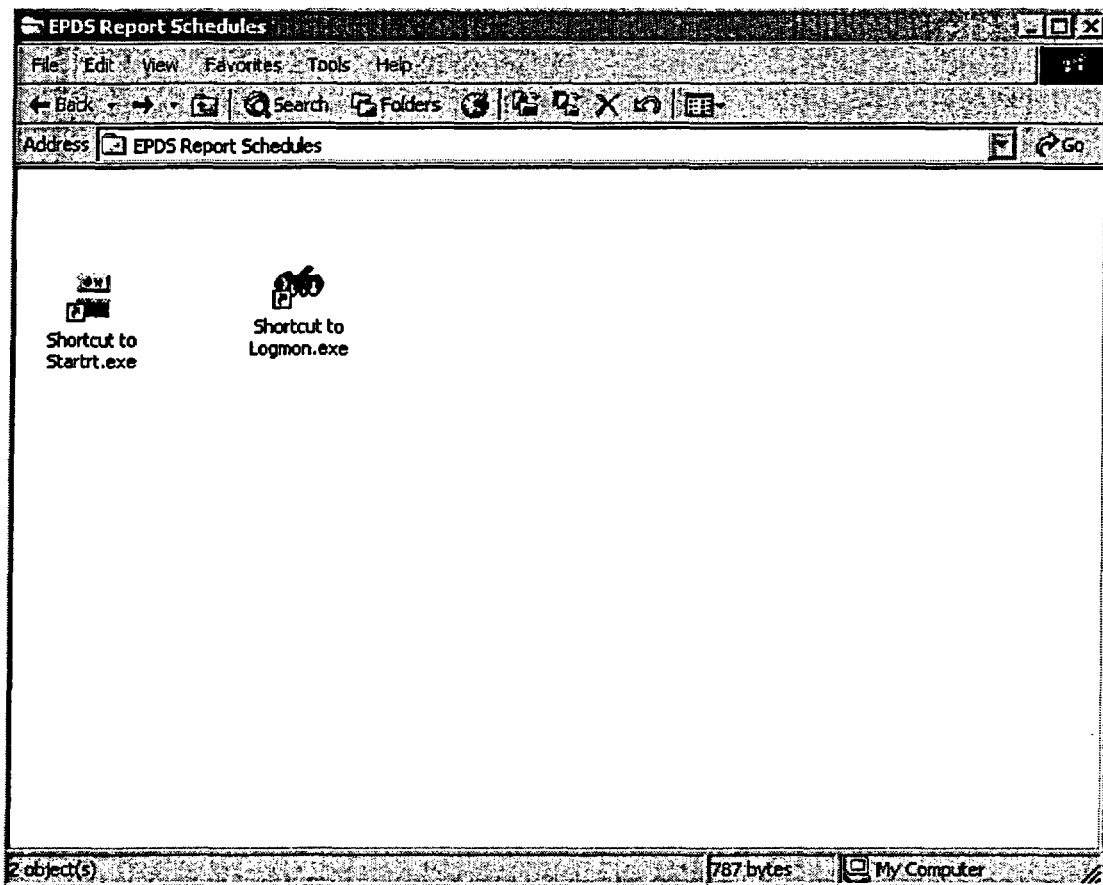
8. SCHEDULING SCREEN PRINTING

Scheduling reports has two phase. The first phase is to start the scheduling process (Starttrt.exe). The second is to start the log monitoring process (LogMon.exe). The reports that are generated are screen captures of the EOF display screens that the user chooses. The reports are then printed based on user defined intervals and frequencies.

User opens the File folder named EPDS Report Schedules on the desktop and begins phase 1 by double clicking the StartRT.exe short cut.

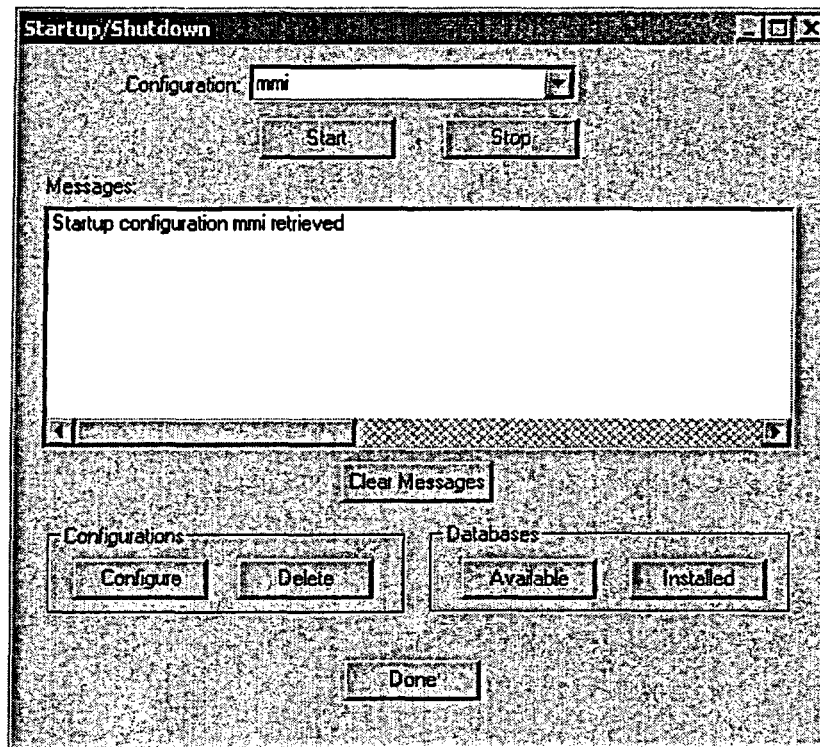


ATTACHMENT 5D
EOF Access to TMI Plant Process Computer (PPC)
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The window for StartRT.exe should display a screen that looks like the following.

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EOF Access to TMI Plant Process Computer (PPC)
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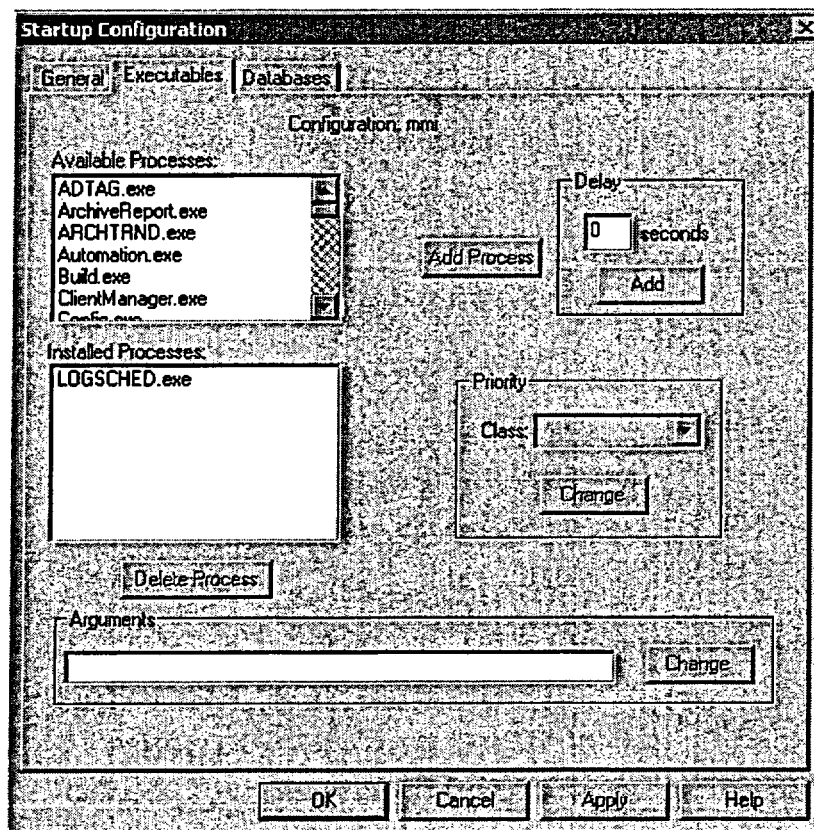


Click the configure button.
Go to the Executables tab and select LogSchedule.exe

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EOF Access to TMI Plant Process Computer (PPC)

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Click the OK button and save configuration changes and get back to the previous screen.

In the configuration combo box, select mmi and click Start button. This sets up to start Log Scheduler, every time display builder is opened. When the messages complete click "done" button to close the Startrt.exe.

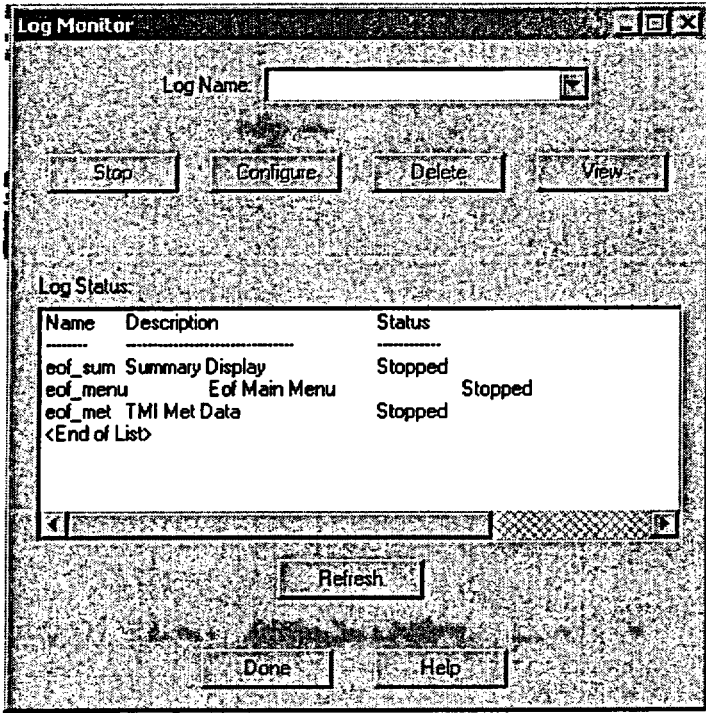
Phase 2

Start the LogMon.exe by double clicking the Shortcut LogMon.exe icon in the EPDS Report Schedules folder. The LogMon program allows the user to select the screens that they wish to report. The screen shown below shows a listing of existing reports available for scheduling.

ATTACHMENT 5D

EOF Access to TMI Plant Process Computer (PPC)

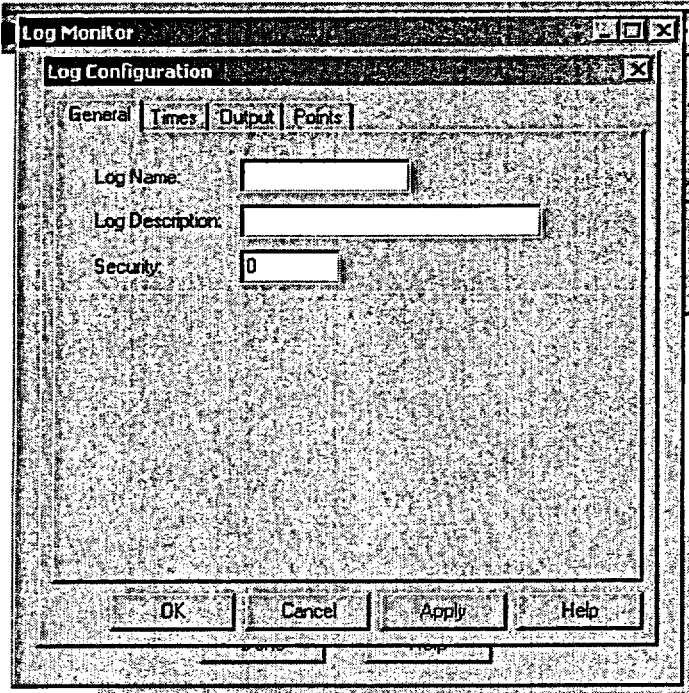
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The Log Monitor window displays a list of logs and their status. The window has a title bar "Log Monitor" and a "Log Name" dropdown menu. Below the dropdown are four buttons: "Stop", "Configure", "Delete", and "View". The "Log Status" section contains a table with three columns: "Name", "Description", and "Status". The table lists three logs: "eof_sum" (Summary Display), "eof_menu" (Eof Main Menu), and "eof_met" (TMI Met Data). All three logs are marked as "Stopped". The table ends with "<End of List>". Below the table is a "Refresh" button and a "Done" button.

Name	Description	Status
eof_sum	Summary Display	Stopped
eof_menu	Eof Main Menu	Stopped
eof_met	TMI Met Data	Stopped
<End of List>		

The user creates a new scheduled report by selecting new from the pull down menu and then pressing the configure button. If the user wished to change an existing report they would select it from this menu. The following screen is displayed for configuring scheduled reports.



The Log Configuration window displays fields for configuring a log. The window has a title bar "Log Configuration" and four tabs: "General", "Times", "Output", and "Points". The "General" tab is selected. The fields are: "Log Name" (text box), "Log Description" (text box), and "Security" (text box with the value "0"). Below the fields are four buttons: "OK", "Cancel", "Apply", and "Help".

ATTACHMENT 5D**EOF Access to TMI Plant Process Computer (PPC)****Page 14 of 16**

The Log Name and the Log description on the "General" tab should be filled out by the user. The Log Name is the exact name of the screen you wish to report on. The screen names can be found on the Dynamic display menus in the EPDS. The Log Description is a free text field to describe the Screen Report. Once these items are filled in click on the "Times" tab. The following screen shown below is a sample of how this screen may look after data has been entered.

The screenshot shows a window titled "Log Monitor" with a sub-dialog titled "Log Configuration". The "General" tab is selected, showing fields for Log Type (set to "Timed"), Start Time (03/19/03 10:06:10), Event Point (empty), State (radio buttons for Sel, Resel, Sel on Resel), Duration (00:01:00), Data Interval (00:01:00), and Log Interval (a dropdown menu currently showing "STOP"). The dropdown menu is open, showing options: DAILY, MONTHLY, ENDMONTH, YEARLY, STOP, and HH:MM:SS. At the bottom are "OK" and "Help" buttons.

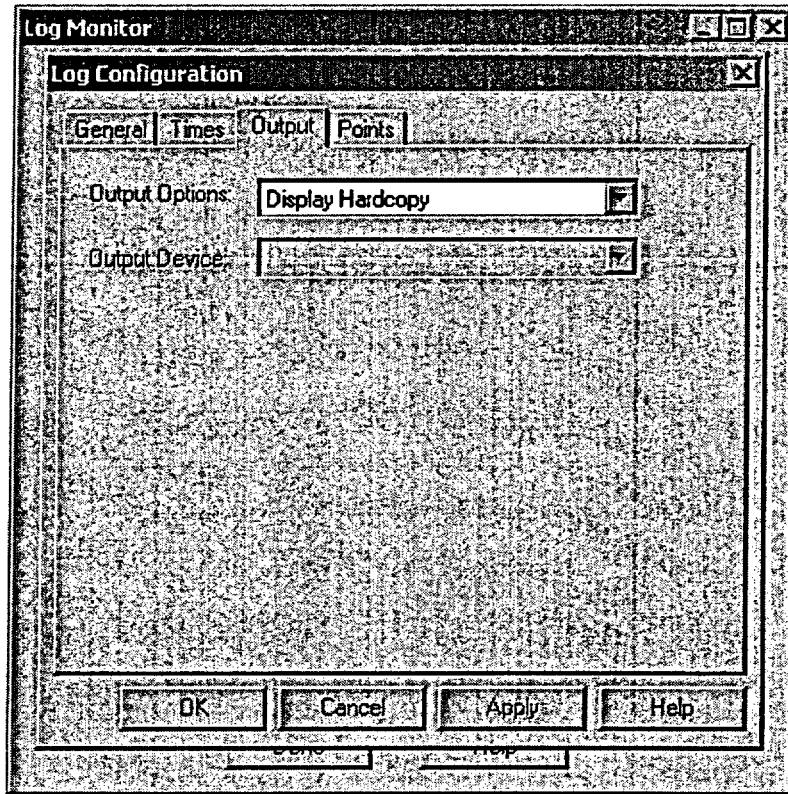
This is the screen that the user defined the type, start time, duration, data interval and the log interval for the report. These reports will run based on these definitions each time the EPDS is run. The HH:MM:SS selection is recommended for most reports to be used by the EOF personnel.

Next click on the Output Tab

ATTACHMENT 5D

EOF Access to TMI Plant Process Computer (PPC)

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This is where the user defines how they want the output. It is recommended that Display Hardcopy be used.

Once this screen is filled out select OK and then done on the Log Monitor Screen.

Next verify the scheduled report is running in the Log Monitor Screen in the Log Status dialog. Click done to close the application.

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EOF Access to TMI Plant Process Computer (PPC)
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The screenshot shows a window titled "Log Monitor". At the top, there is a "Log Name:" label followed by a text box containing "eof_met". Below this are four buttons: "Stop", "Configure", "Delete", and "View". A section titled "Log Status:" contains a table with three columns: "Name", "Description", and "Status". The table lists three items: "eof_sum" (Summary Display, Stopped), "eof_menu" (Eof Main Menu, Stopped), and "eof_met" (TMI Met Data, Waiting - Time: 03/19/03 12:30:10). Below the table is a "Refresh" button. At the bottom are "Done" and "Help" buttons.

Name	Description	Status
eof_sum	Summary Display	Stopped
eof_menu	Eof Main Menu	Stopped
eof_met	TMI Met Data	Waiting - Time: 03/19/03 12:30:10
<End of List>		

The report is now waiting to run. After 1 minute this reports runs. It is recommended that the user not schedule reports to run to frequently as the print cues fill up.

MAROG NOTIFICATIONS

1. PURPOSE

- 1.1 Provide prompt and accurate notification of nuclear station emergencies to local, state and federal agencies.

Completing State/Local Notification Form	REFER to Section 4.1
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State/Local Notification Form Transmittal	REFER to Section 4.2
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Conducting State Radiological Update	REFER to Section 4.3
--------------------------------------	----------------------

2. TERMS AND DEFINITIONS

- 2.1 Nuclear Accident Reporting System (NARS) – A telecommunication network used to transmit information to appropriate State and local agencies within fifteen minutes of event declaration.

- 2.2 “Timeliness” – For State/Local notification purposes, this is defined as the completion of Initial Roll Call (contact made via dedicated or commercial line with agencies listed) within 15 minutes of:

- The declaration of an emergency,
- Classification escalation, or
- A change in Protective Action Recommendations (PARs) per EP-AA-111, based on changes in fission product barrier status, projected or actual offsite doses, or in wind direction (based on 15 minute average) impacting affected downwind sectors.

NOTE: Initial PAR is made as part of the General Emergency notification.

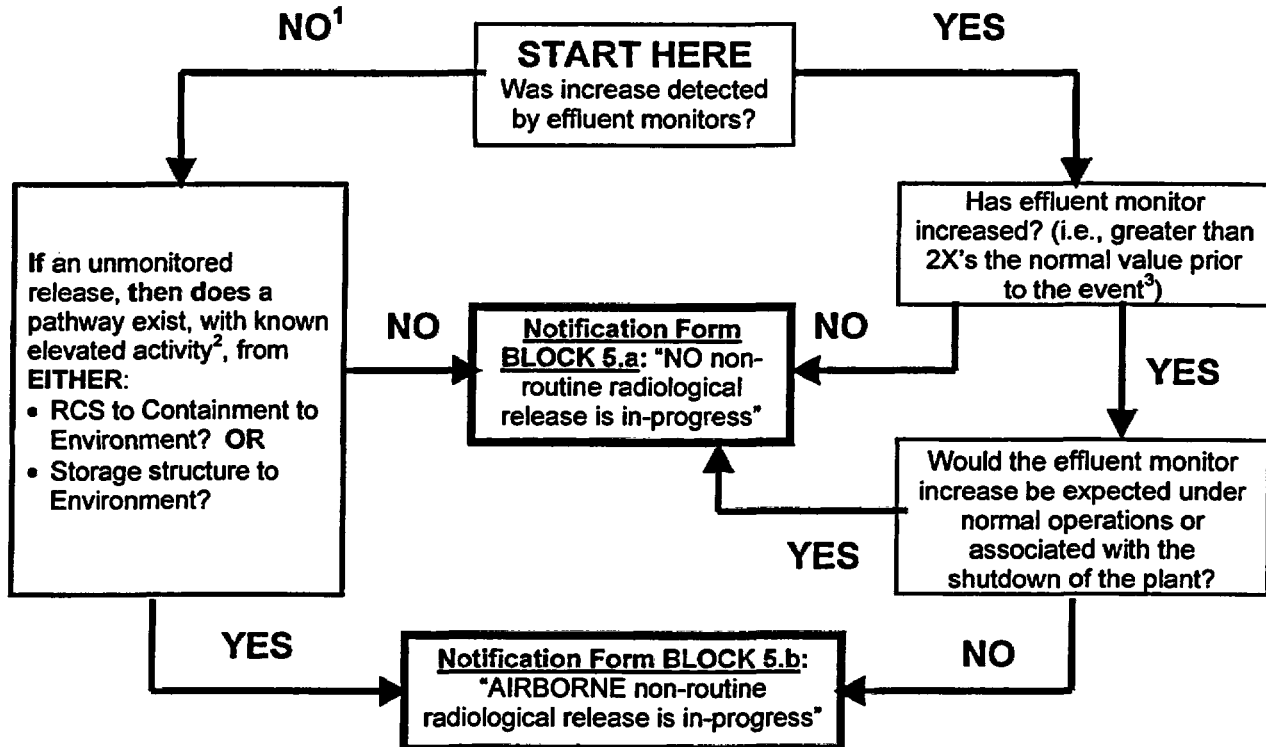
State/Local agencies should also be notified from the Emergency Operations Facility (EOF), once activated, within 15 minutes of a change in release status using the State/Local Event Notification Form.

- 2.3 “Accuracy” – For State/Local notification purposes, this is defined as correctly completing the content blocks on the PA / MD Notifications form as defined under EP-AA-125-1002.

- 2.4 Radiological Release: The movement of radioactive materials, gaseous or liquid, beyond a protected area. The definition requires the assessment of both plant conditions and effluent monitors to fully evaluate the situation.

- 2.5 **"Airborne" Non-Routine Release in Progress:** Defined as ANY gaseous radioactive release that is a result of, or associated with, the emergency event (not attributed to the normal operation or shutdown of plant systems).

NOTE: The following guidelines may not cover every potential scenario. As such, judgment must be used in final determination, specifically in regards to field monitoring team survey results.



¹ Unmonitored release may include situations where the effluent monitors are inoperable or otherwise bypassed.

² Based on RP / field monitoring team readings outside containment, loss of fission product barriers, etc.

³ The "2 X's value" assumes that monitor is operating at near the monitor's lower limit of detection and accounts for normal variations in background.

3. **RESPONSIBILITIES**

- 3.1 **The Emergency Director in the Emergency Response Facility (ERF) with Command and Control** shall ensure that all required notifications and internal communications are performed accurately and in a timely manner.
- 3.2 **Designated on-shift personnel** are responsible for transmitting the State/Local notification over the NARS when the Shift Emergency Director is in Command and Control.
- 3.3 **The State/Local Communicator in the TSC** is responsible for transmitting the State/Local notification over the NARS when the Station Emergency Director is in Command and Control.

3.4 The ***State/Local Communicator in the EOF*** is responsible for transmitting the State/Local notification over the NARS when the Corporate Emergency Director is in Command and Control.

3.5 The ***Corporate Emergency Director*** is responsible for transmitting the State Radiological Update following EOF activation.

4. **MAIN BODY**

4.1 **COMPLETING STATE/LOCAL EVENT NOTIFICATION FORM**

4.1.1 **Utility Message No.** – ENTER a sequential number starting with 1.

4.1.2 **Block 1: Call Status**

1. ***"This is a DRILL"*** – This block should be marked during exercises, drills, training sessions, or annual communications tests
2. ***"This is an ACTUAL EVENT"*** – This block should be marked to indicate a notification is being performed based on actual plant conditions.

4.1.3 **Block 2: Affected Station / Communicator Information** – CHECK the appropriate affected station.

- Communicator will provide his/her NAME, PHONE NUMBER, and the CURRENT TIME (in 24-hour clock) when the notification is read.

4.1.4 **Block 3: (ALL entries: a, b, c and d)**

1. **Entry 3.a: EMERGENCY CLASSIFICATION** – CHECK the block corresponding to the classification entered. (REFER to EP-AA-111 for definition of terms and entry conditions.)
2. **Entry 3.b: AFFECTED UNIT(S)** – CHECK the block(s) corresponding to the units affected.

Limerick / Peach Bottom

If the event involves multiple units (e.g., site event such as an earthquake, high winds, etc.), then **SELECT** blocks for both units – LGS: Units 1 & 2 / PBAPS: Units 2 & 3.

3. Entry 3.c: DECLARED AT -- ENTER the TIME (in 24-hour clock) & DATE that the accident condition was declared.

– REFER to Attachment 4 for a Military (24-Hour) Time Reference.

NOTE: The time and date listed are specific to the current classification. When a new form is issued for a change to another part of the form, the time in this block still needs to reflect the time and date of the current classification in effect.

4. Entry 3.d: CLASSIFICATION STATUS – CHECK the applicable option:

- A. *"INITIAL DECLARATION"* – entry by Control Room into E-Plan.
- B. *"ESCALATION"* – Increase in event severity from previous notification. Used after initial event declared.
- C. *"NO CHANGE"* – Used when indicating a change in PAR or other form information without a corresponding classification change.
- D. *"REDUCTION"* – Used for the downgrading of Alert classification to an Unusual Event, or entry into the Recovery Phase from a Site Area or General Emergency, or event termination per EP-AA-111.

4.1.5 Block 4: (a and b)

1. Entry 4.a: EMERGENCY ACTION LEVEL (EAL) NO. – ENTER the EAL Number corresponding to the Initiating Condition (IC) from the EAL Matrix.

NOTE: Classification level shall indicate the highest classification level for the site (all units). In situations where one unit is affected by unrelated events, classification is the highest level and other conditions should be noted in Block 4.b (BRIEF NON-TECHNICAL DESCRIPTION).

2. Entry 4.b: BRIEF NON-TECHNICAL DESCRIPTION – Provide a simplified explanation for event classification. (REFER to Offsite EAL Reference Manual, if necessary.)

- Avoid the use of acronyms, abbreviations, or other terms that would not be recognized by State and local response agencies.

4.1.6 Block 5: NON-ROUTINE RADIOLOGICAL RELEASE STATUS (a, b, c or d)

1. Entry 5.a: "NO..." - Should be marked to indicate that no non-routine release is occurring.
2. Entry 5.b: "AIRBORNE..." - Should only be marked if there is an airborne release in progress per definition in Section 2.5.
3. Entry 5.c: "LIQUID..." - Should only be marked if there is an liquid release in progress.
4. Entry 5.d: "...TERMINATED" - should be marked to indicate that the radioactive release that was "in progress" has ended since the last notification.

4.1.7 Block 6: METEOROLOGY (a and b)

Wind speed and direction is normally obtained from the meteorological tower from the affected station using designated EPDS / PMS / PCC data point(s).

NOTE: 15 minute average data should be used for notification purposes. If unavailable, an instantaneous value may be used as a backup.

LIMERICK GENERATING STATION			PEACH BOTTOM ATOMIC POWER STATION		
<u>Release Pt.</u>	<u>Primary</u>	<u>Backup</u>	<u>Release Pt.</u>	<u>Primary</u>	<u>Backup</u>
North Stack	Tower 1: 175'	Tower 2: 159'	Main Stack	Tower 2: 320'	Tower 2: 75'
South Stack	Tower 1: 175'	Tower 2: 159'	Vent Stack	Tower 2: 75'	Tower 2: 320'
			Torus Vent	River Twr: 33'	Tower 2: 75'

1. Entry 6.a: WIND DIRECTION [FROM] – ENTER the direction from which the wind is coming, in degrees.
2. Entry 6.b: WIND SPEED – ENTER the Wind Speed in "MILES PER HOUR".

4.1.8 Block 7: UTILITY PROTECTIVE ACTION RECOMMENDATION (a or b)

1. Entry 7.a: NOT APPLICABLE – If event is classified as an Unusual Event, Alert or Site Area Emergency.
2. Entry 7.b: GENERAL EMERGENCY – If event is classified as a General Emergency, then CHECK applicable PAR blocks per EP-AA-111.

NOTE: Plant-Based PAR Flowchart provided in Attachment 8 (or 9) to EP-AA-111 shall be used to determine initial PAR upon the declaration of a General Emergency. PAR may be subsequently upgraded based on the loss of all three fission product barriers, actual or projected dose, or (for LGS / PBAPS) a shift in wind direction, based on 15-minute average, affecting downwind sectors.

Peach Bottom

- A. For ANY General Emergency classification, regardless of wind direction, INCLUDE statement that "The utility recommends that Maryland government officials notify the general public to take potassium iodide (KI) for those sectors in Maryland where evacuation is recommended."

Limerick / Peach Bottom

- B. For a PAR upgrade based on a shift in wind direction, **ENSURE** revised PAR includes all previously identified downwind sectors

4.1.9 Block 8: CONCLUSION – ENSURE option checked is consistent with that selected in Step 4.1.2 (Call Status).

4.1.10 (Header) EMERGENCY DIRECTOR APPROVAL – FORWARD to the Emergency Director in the facility in command and control for approval signature.

- Control Room: Shift Manager (Shift Emergency Director)
- TSC: Station Emergency Director
- EOF: Corporate Emergency Director

4.2 STATE / LOCAL NOTIFICATION FORM TRANSMITTAL

4.2.1 When provided with the completed notification form, the designated communicator shall:

- a. **ENSURE** that "*Utility Message No.*" has been assigned using a sequential number.
- b. **VERIFY** "*Emergency Director Approval*" signature has been entered on the top of form.
- c. **REVIEW** form for completeness and **IDENTIFY** any missing information (incomplete blocks) to:
 - Control Room → Shift Manager (Shift Emergency Director)
 - TSC → TSC Director
 - EOF → EOF Director

4.2.2 **CONFIRM** dial tone on NARS line.

4.2.3 **DIAL** the appropriate CODE (CAN No.) listed for the affected station at the top of Roll Call Box on Page 2 of the State/Local Event Notification Form (Attachment 1).

1. If the NARS network fails, then **CONTACT** agencies using the alternate telephone numbers denoted next to the roll call listing on the back of the State/Local Event Notification Form.

NOTE: Completion of the initial Roll Call (contact made via dedicated or commercial line with agencies listed) must be performed within 15 minutes of initial classification, reclassification or PAR change.

4.2.4 **REPEAT** the following message while allowing for agencies to come on line:

"This is the Exelon Nuclear [Station and Facility originating the call]. Please standby for a notification message."

After approximately 10 to 15 seconds, **READ** the following message:

"This is the Exelon Nuclear [Station and Facility originating the call]. Please standby to receive a notification message and respond as the roll is called."

4.2.5 CONDUCT an initial roll call for the agencies listed on the back of the State/Local Event Notification Form.

1. **RECORD** the time (in 24-hour clock) as each required party responds to the roll call.
 - **REFER** to Attachment 4 for a Military (24-Hour) Time Reference.
2. **REPEAT** the roll call for agencies that do not answer.
3. **NOTIFY** the Shift Manager (Shift Emergency Director), TSC Director or EOF Director as applicable, of any agencies that do not answer the initial roll call so that alternate means of notification can be initiated within 15 minutes of event declaration or PAR update, using commercial phone or dedicated radio link (TMI – PEMARS).
4. **ENTER** the time (in 24-hour clock) that initial roll call was completed in the box at the bottom of the Roll Call box on Page 2 of the form.

4.2.6 READ Blocks one at a time from the approved notification form.

1. **USE** the Phonetic Alphabet for clarity. (**REFER** to Attachment 3 for guidance)
2. **SPEAK** clearly and slowly.

4.2.7 REPEAT the roll call for each agency listed on the back of the Event Notification Form, and **CHECK** them off as they respond to the roll call.

1. **ASK** if there are any questions about the information provided and **PROVIDE** clarification as needed.
2. **CLARIFY** message data questions at this time.
3. **RECORD** any unanswered questions or inquiries on an Information Request / Message Form (EP-AA-112, Attachment 7) and **FORWARD** to one of the following, as applicable, for resolution:
 - Control Room → Shift Manager (Shift Emergency Director)
 - TSC → TSC Director
 - EOF → EOF Director

4.2.8 READ the following, and **CHECK** the designated box at the bottom of Page 1 of form:

"This concludes the notification message."

- 4.2.9 If any agency did **NOT** answer the final roll call, then **CONTACT** that agency via commercial telephone line using the telephone numbers listed.

TMI

If party **CANNOT** be contacted via commercial telephone, then **USE** Pennsylvania Emergency Management Agency Radio System (PEMARS). REFER to Attachment 5 for Telephone Line Failure Alternatives.

- 4.2.10 **PERFORM** follow-up notifications to organizations / agencies listed at the bottom of the back page of the notification form.

Peach Bottom / TMI

Follow up notifications are **NOT** required to be performed within 15 minutes of event classification. Therefore, these notifications should not be initiated until required notifications to the State(s) and risk counties are completed.

1. **RECORD** the Date and Time (in 24-hour clock) that agency was contacted on the back of form in space provided.
2. **READ** Blocks one at a time from the approved notification form using the guidelines outlined above.

- 4.2.11 **FAX** completed copies of both pages of notification form to the Control Room, TSC and EOF, as applicable.

- 4.2.12 **INFORM** appropriate facility director when notification is completed to required contacts:

Control Room	→ Shift Manager (Shift Emergency Director)
TSC	→ TSC Director
EOF	→ EOF Director

Section 4.3: EOF

State Radiological Updates are performed only by the EOF following the transfer of Command and Control responsibilities for PAR decision-making and off-site notifications.

Notification performed using State / Local Notification Form (Attachment 1) will count towards Drill and Exercise Performance (DEP) credit. Purpose of State Radiological Update is to contact Senior State Representatives to discuss basis for PAR within 15 minutes of initial PAR decision or PAR upgrade.

4.3 CONDUCTING STATE RADIOLOGICAL UPDATES

4.3.1 Concurrent with the completion of the State / Local Notification Form (Attachment 1) for a General Emergency or subsequent change in PAR, the Corporate Emergency Director shall **PERFORM** the following:

1. **DIRECT** RPM to complete the State Radiological Update Form (Attachment 2).
2. **VERIFY** that the PAR, basis and meteorology is consistent with that recorded on State / Local Notification Form.
3. **INSTRUCT** the EOF Director to establish the telephone link with Pennsylvania and Maryland Senior State Officials, as applicable.
4. **REVIEW / APPROVE** the completed State Radiological Update Form.
5. **DIRECT** that 6 copies (minimum) be made for distribution.
6. **MAKE** PA announcement regarding the meeting time in ED Conference Room and **IDENTIFY** required attendees (State representatives and NRC Site Team Leader / Director of Site Operations).
7. If time permits, then **INFORM** NRC Site Team Leader prior to meeting.

4.3.2 **DELIVER** update to State Representatives within 15 minutes of PAR decision.

1. **OBTAIN** a repeat back from Pennsylvania Senior State Official and State of Maryland Representative (if present for PBAPS).
2. **PROVIDE** additional details.
3. **DOCUMENT** on Page 2 of Update form

4.3.3 After meeting, **INFORM** the Station Emergency Director (TSC) and **DESCRIBE** any State and/or NRC issues.

5. **DOCUMENTATION - NONE**

6. **REFERENCES**

- 6.1 Commitments – None
- 6.2 EP-AA-111, "Emergency Classification and Protective Action Recommendations"
- 6.3 EP-AA-125-1002, "Emergency Response Organization (ERO) Performance – Performance Indicators Guidance"

7. **ATTACHMENTS**

- 7.1 Attachment 1, State/Local Event Notification Form
- 7.2 Attachment 2, State Radiological Update Form
- 7.3 Attachment 3, Phonetic Alphabet
- 7.4 Attachment 4, Military (24-Hour) Time Reference
- 7.5 Attachment 5, Telephone Line Failure Alternatives [TMI]

ATTACHMENT 1 STATE/LOCAL EVENT NOTIFICATION FORM

Page 1 of 2

UTILITY MESSAGE NO. _____

EMERGENCY DIRECTOR APPROVAL : _____

PERFORM INITIAL ROLL CALL PRIOR TO TRANSMITTING – Refer to Page 2 of Form

1. CALL STATUS is: <input type="checkbox"/> This is a DRILL. <input type="checkbox"/> This is an ACTUAL EVENT.	2. This is * _____ at <input type="checkbox"/> LIMERICK / <input type="checkbox"/> PEACH BOTTOM / <input type="checkbox"/> TMI My phone number is * _____. The current time is * _____. <i>[* Completed by Communicator at time notification is performed: 24-hour clock.]</i>				
3.a EMERGENCY CLASSIFICATION is a/an: <input type="checkbox"/> UNUSUAL EVENT <input type="checkbox"/> ALERT <input type="checkbox"/> SITE AREA EMERGENCY <input type="checkbox"/> GENERAL EMERGENCY <input type="checkbox"/> TERMINATION <input type="checkbox"/> RECOVERY	b. AFFECTED UNIT(S) is/are: <input type="checkbox"/> ONE <input type="checkbox"/> TWO <input type="checkbox"/> THREE c. DECLARED AT: TIME: _____ (24-hr clock) DATE: ____/____/____				
d. THIS REPRESENTS A/AN: <input type="checkbox"/> INITIAL DECLARATION <input type="checkbox"/> ESCALATION <input type="checkbox"/> NO CHANGE <input type="checkbox"/> REDUCTION - IN CLASSIFICATION STATUS					
4. a. EMERGENCY ACTION LEVEL (EAL) NO. is: _____ b. A BRIEF NON-TECHNICAL DESCRIPTION OF THE EVENT is as follows: 					
5. NON-ROUTINE RADIOLOGICAL RELEASE STATUS is: <input type="checkbox"/> a. NO non-routine radiological release in-progress <input type="checkbox"/> b. AIRBORNE non-routine radiological release in-progress <input type="checkbox"/> c. LIQUID non-routine radiological release in-progress <input type="checkbox"/> d. Non-routine radiological release TERMINATED	6. METEOROLOGY is: a. WIND DIRECTION is FROM: _____ (degrees) b. WIND SPEED is: _____ (miles per hour)				
7. UTILITY PROTECTIVE ACTION RECOMMENDATION: (a or b) – No action should be taken until government officials have been notified: by State: <input type="checkbox"/> a. NOT APPLICABLE (<i>Unusual Event, Alert, Site Area Emergency or Termination/Recovery only</i>) ----- (Complete the following for a General Emergency only for the applicable station): <input type="checkbox"/> b. The Protective Action Recommendation (PAR) from the utility is: <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 10%; text-align: center; vertical-align: middle;">LGS/PBAPS</td> <td style="padding: 5px;"> <input type="checkbox"/> EVACUATE 360 DEGREES FROM 0 MILES (SITE BOUNDARY) TO _____ MILES AND <input type="checkbox"/> EVACUATE THE FOLLOWING SECTORS FROM _____ MILES TO _____ MILES: <div style="display: flex; justify-content: space-between;"> <div> <input type="checkbox"/> N <input type="checkbox"/> NNE <input type="checkbox"/> NE <input type="checkbox"/> ENE </div> <div> <input type="checkbox"/> E <input type="checkbox"/> ESE <input type="checkbox"/> SE <input type="checkbox"/> SSE </div> <div> <input type="checkbox"/> S <input type="checkbox"/> SSW <input type="checkbox"/> SW <input type="checkbox"/> WSW </div> <div> <input type="checkbox"/> W <input type="checkbox"/> WNW <input type="checkbox"/> NW <input type="checkbox"/> NNW </div> </div> </td> </tr> <tr> <td></td> <td style="padding: 5px;"> (PBAPS only) AND <input type="checkbox"/> The utility recommends that Maryland government officials notify the general public to take potassium iodide (KI) for those sectors in Maryland where evacuation is recommended. </td> </tr> </table>		LGS/PBAPS	<input type="checkbox"/> EVACUATE 360 DEGREES FROM 0 MILES (SITE BOUNDARY) TO _____ MILES AND <input type="checkbox"/> EVACUATE THE FOLLOWING SECTORS FROM _____ MILES TO _____ MILES: <div style="display: flex; justify-content: space-between;"> <div> <input type="checkbox"/> N <input type="checkbox"/> NNE <input type="checkbox"/> NE <input type="checkbox"/> ENE </div> <div> <input type="checkbox"/> E <input type="checkbox"/> ESE <input type="checkbox"/> SE <input type="checkbox"/> SSE </div> <div> <input type="checkbox"/> S <input type="checkbox"/> SSW <input type="checkbox"/> SW <input type="checkbox"/> WSW </div> <div> <input type="checkbox"/> W <input type="checkbox"/> WNW <input type="checkbox"/> NW <input type="checkbox"/> NNW </div> </div>		(PBAPS only) AND <input type="checkbox"/> The utility recommends that Maryland government officials notify the general public to take potassium iodide (KI) for those sectors in Maryland where evacuation is recommended.
LGS/PBAPS	<input type="checkbox"/> EVACUATE 360 DEGREES FROM 0 MILES (SITE BOUNDARY) TO _____ MILES AND <input type="checkbox"/> EVACUATE THE FOLLOWING SECTORS FROM _____ MILES TO _____ MILES: <div style="display: flex; justify-content: space-between;"> <div> <input type="checkbox"/> N <input type="checkbox"/> NNE <input type="checkbox"/> NE <input type="checkbox"/> ENE </div> <div> <input type="checkbox"/> E <input type="checkbox"/> ESE <input type="checkbox"/> SE <input type="checkbox"/> SSE </div> <div> <input type="checkbox"/> S <input type="checkbox"/> SSW <input type="checkbox"/> SW <input type="checkbox"/> WSW </div> <div> <input type="checkbox"/> W <input type="checkbox"/> WNW <input type="checkbox"/> NW <input type="checkbox"/> NNW </div> </div>				
	(PBAPS only) AND <input type="checkbox"/> The utility recommends that Maryland government officials notify the general public to take potassium iodide (KI) for those sectors in Maryland where evacuation is recommended.				
TMI	<input type="checkbox"/> EVACUATE 360 DEGREES FROM 0 MILES (SITE BOUNDARY) TO _____ MILES				

8. CONCLUSION: ☐ This is a DRILL. ☐ This is an ACTUAL EVENT.

- ☐ ASK if there are any questions regarding message or repeat backs needed
- ☐ PERFORM FINAL ROLL CALL UPON COMPLETION – Refer to Page 2 of Form
- ☐ READ "This concludes the notification message"
- ☐ FAX completed copies of both form pages to the Control Room, TSC and EOF, as applicable.
- ☐ PROVIDE form to the Shift Manager (Shift Emergency Director), TSC Director or EOF Director when notification is completed to required contacts.

ATTACHMENT 1
STATE/LOCAL EVENT NOTIFICATION FORM
Page 2 of 2

EP-MA-114-100
Revision 4
Page 13 of 18

"15 Minute Notifications"
PEACH BOTTOM (CAN 833)

Initial Roll Call (Time Contacted: 24-hour clock) **Final Roll Call** (v)

- _____ **Pennsylvania EMA** ☐
Ext. 216 or 9-1-800-424-7362 /
9-1-717-651-2001
- _____ **Maryland EMA** ☐
Ext. 205 or 9-1-410-517-3600
- _____ **York County** ☐
Ext. 219 or 9-1-717-854-5571
- _____ **Harford County** ☐
Ext. 214 or 9-1-410-638-3400 /
9-1-410-638-4900
- _____ **Cecil County** ☐
Ext. 234 or 9-1-410-398-2222 / - 3815
or 9-1-410-996-5350
- _____ **Lancaster County** ☐
Ext. 217 or 9-1-800-808-5236 /
9-1-717-664-1190
- _____ **Chester County** ☐
Ext. 218 or 9-1-610-344-5100

Initial Roll Call Completed at: _____

FOLLOW-UP NOTIFICATIONS *
(PEACH BOTTOM ONLY)

[] **Maryland Dept. of the Environment**
Emergency ext. 235 or 292
9-1-866-633-4686

Contacted at: _____ (time: 24-hour clock)

[] **PA State Police, York Barracks**
Ext. 284 or 9-1-717-428-1011

Contacted at: _____ (time: 24-hour clock)

** NOT required within 15 minutes of classification*

"15 Minute Notifications"
LIMERICK (CAN 841)

Initial Roll Call (Time Contacted: 24-hour clock) **Final Roll Call** (v)

- _____ **Pennsylvania EMA** ☐
Ext. 116 or 9-1-800-424-7362 or
9-1-717-651-2001 / -2002 / -2003
- _____ **Montgomery County** ☐
Ext. 117 or 9-1-610-631-6531
- _____ **Chester County** ☐
Ext. 118 or 9-1-610-344-5100
- _____ **Berks County** ☐
Ext. 119 or 9-1-610-374-4800
or Ext. 115

Initial Roll Call Completed at: _____

"15 Minute Notifications"
TMI (CAN 44)

Dialing Instructions

"Notification Line": Dial "44" for all-call. If necessary, dial 3-digit extension #'s to notify individual agencies
Commercial # From TMI: Dial "9" and the #
Commercial # From EOF: Dial "9-1-717" and the #
Toll-Free "800" # From TMI or EOF: Dial the #'s exactly as they appear below

Initial Roll Call (Time Contacted: 24-hour clock) **Final Roll Call** (v)

- _____ **Pennsylvania EMA** ☐
Ext. 315 or 9-1-800-424-7362 or
9-651-2001
- _____ **Cumberland County** ☐
Ext. 319 or 9-238-9676, 9-243-4121 or
9-532-8878
- _____ **Lebanon County** ☐
Ext. 321 or 9-272-2025 / -7621 / -2054
- _____ **Lancaster County** ☐
Ext. 318 or 9-664-1190 / -1200
- _____ **York County** ☐
Ext. 317 or 9-854-5571, 9-840-7555 or
9-1-800-427-8347
- _____ **Dauphin County** ☐
Ext. 320 or 9-911 or 9-558-6900

Initial Roll Call Completed at: _____

FOLLOW-UP NOTIFICATIONS * (TMI)

[] **York Haven Power Station**
9-848-7277 or 9-266-3654

Contacted at: _____ (time: 24-hour clock)

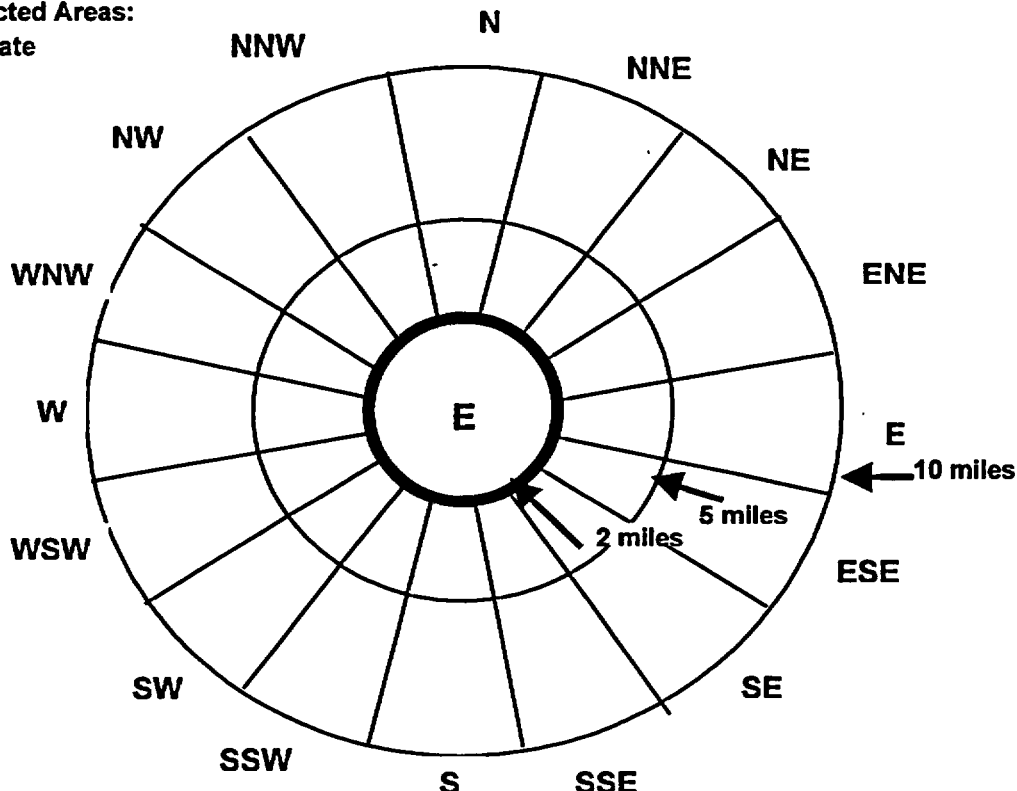
**ATTACHMENT 2
STATE RADIOLOGICAL UPDATE FORM
Page 1 of 2**

Station: <input type="checkbox"/> LIMERICK / <input type="checkbox"/> PEACH BOTTOM / <input type="checkbox"/> TMI PAR Based On: <input type="checkbox"/> Plant -based PAR (EP-AA-111, Att. 8 or 9) <input type="checkbox"/> General Emergency classification <input type="checkbox"/> GE with a LOSS of ALL 3 Fission Product Barriers <input type="checkbox"/> Dose Projection (DAPAR) at _____, indicates: SB: _____ / 2 Miles: _____ / 5 Miles: _____ / 10 Miles: _____		PAR Decision at: Date: ____/____/____ Time: _____ (24-hr. clock) Meteorological Data: Wind Direction (FROM): _____ degrees Wind Speed: _____ mph	
Utility Recommended Actions:			
LGS / PBAPS	<input type="checkbox"/> EVACUATE 360 DEGREES FROM 0 MILES (SITE BOUNDARY) TO _____ MILES <input type="checkbox"/> EVACUATE THE FOLLOWING SECTORS FROM _____ MILES TO _____ MILES: <div style="display: flex; flex-wrap: wrap;"> <div style="width: 50%;"><input type="checkbox"/> N</div> <div style="width: 50%;"><input type="checkbox"/> E</div> <div style="width: 50%;"><input type="checkbox"/> S</div> <div style="width: 50%;"><input type="checkbox"/> W</div> <div style="width: 50%;"><input type="checkbox"/> NNE</div> <div style="width: 50%;"><input type="checkbox"/> ESE</div> <div style="width: 50%;"><input type="checkbox"/> SSW</div> <div style="width: 50%;"><input type="checkbox"/> WNW</div> <div style="width: 50%;"><input type="checkbox"/> NE</div> <div style="width: 50%;"><input type="checkbox"/> SE</div> <div style="width: 50%;"><input type="checkbox"/> SW</div> <div style="width: 50%;"><input type="checkbox"/> NW</div> <div style="width: 50%;"><input type="checkbox"/> ENE</div> <div style="width: 50%;"><input type="checkbox"/> SSE</div> <div style="width: 50%;"><input type="checkbox"/> WSW</div> <div style="width: 50%;"><input type="checkbox"/> NNW</div> </div> <p>(PBAPS Event only) AND</p> <input type="checkbox"/> The utility recommends that Maryland government officials notify the general public to take potassium iodide (KI) in those sectors in Maryland where evacuation is recommended		
TMI	EVACUATE 360 DEGREES FROM 0 MILES (SITE BOUNDARY) TO _____ MILES		

NOTE: Form is used for discussions with Senior State Officials within 15 minutes of PAR decision. Actual 15-minute notification for DEP purposes is performed using State / Local Notification Form (EP-MA-114-100, Attachment 1).

Mark Affected Areas:

E = Evacuate



Corporate Emergency Director Approval: _____

ATTACHMENT 2
STATE RADIOLOGICAL UPDATE
FORM
Page 2 of 2

PEACH BOTTOM
ROLL CALL

Time Contacted (24-hr clock)

_____ **Pennsylvania Senior
State Official**
Ext. 216 or 9-651-2001 or
9-1-800-424-7362

_____ **Maryland MDE Senior
State Official***
Ext. 235 / 292 or 9-1-866-633-4686

LIMERICK or TMI
ROLL CALL

"Notification Line" from the EOF or Limerick: Dial the 3-digit #

Commercial # From TMI: Dial "9" and the #

Commercial # From EOF: Dial "9-1-717" and the #

Toll-Free "800" # From TMI or EOF: Dial the # exactly as it appears below

Time Contacted (24-hr clock)

_____ **Pennsylvania Senior State
Official**

Ext. 116 or 9-1-717-651-2001 or
9-1-800-424-7362 (Limerick)

Ext. 315 or 9-651-2001 or
9-1-800-424-7362 (TMI)

* INITIATE CALL ONLY IF THE SENIOR STATE OFFICIAL IS NOT PRESENT IN EOF.

ATTACHMENT 3
PHONETIC ALPHABET

Page 1 of 1

NOTE: Alternate tables may be used based on station procedures and policies.

A	ALPHA	N	NOVEMBER
B	BRAVO	O	OSCAR
C	CHARLIE	P	PAPA
D	DELTA	Q	QUEBEC
E	ECHO	R	ROMEO
F	FOXTROT	S	SIERRA
G	GOLF	T	TANGO
H	HOTEL	U	UNIFORM
I	INDIA	V	VICTOR
J	JULIET	W	WHISKEY
K	KILO	X	X-RAY
L	LIMA	Y	YANKEE
M	MIKE	Z	ZULU

ATTACHMENT 4
MILITARY (24-HOUR) TIME REFERENCE
Page 1 of 1

<u>AM</u>	<u>24-hr time</u>	<u>PM</u>	<u>24-hr time</u>
Midnight	0000	Noon	1200
1:00	0100	1:00	1300
2:00	0200	2:00	1400
3:00	0300	3:00	1500
4:00	0400	4:00	1600
5:00	0500	5:00	1700
6:00	0600	6:00	1800
7:00	0700	7:00	1900
8:00	0800	8:00	2000
9:00	0900	9:00	2100
10:00	1000	10:00	2200
11:00	1100	11:00	2300

ATTACHMENT 5
TELEPHONE LINE FAILURE ALTERNATIVES [TMI]
Page 1 of 1

A. Meridian Telephone Failure

1. **USE** available telephones with a "944" prefix (e.g., EP Pager Call Out Phone).

NOTE: These telephones are connected directly to the Middletown Central Office and are independent of the Meridian System.

B. Middletown Switching System (Central Office) Failure

NOTE: All TMI local telephones and dedicated EP lines to offsite facilities require the Middletown Central Office to be functional.

1. **BYPASS** the Middletown Central Office via the GPU fiber optics system, using any telephone in the Shift Manager's Office and Control Room, by dialing 2911-9-1-Area Code (if other than a 610) and telephone number.

C. Harrisburg Central Office Failure

NOTE: As the paging company utilizes the Harrisburg Central Office, group and individual pager service may **NOT** be available.

1. **DIAL** local calls to telephone numbers with 944, 948 and 367 prefixes in the normal manner.
2. With the exception of Harrisburg exchanges, **COMPLETE** all other calls using the GPU fiber optics system per Section B.

ENCLOSURE 2

LIMERICK GENERATING STATION, UNITS 1 & 2 PEACH BOTTOM ATOMIC POWER STATION, UNITS 2 & 3 THREE MILE ISLAND, UNIT 1

**Docket Nos. 50-352
50-353
50-277
50-278
50-289**

**License Nos. NPF-39
NPF-85
DPR-44
DPR-56
DPR-50**

EMERGENCY RESPONSE PROCEDURES

REPORT INDICES

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	EP	EP-AA-1	0000	EMERGENCY PREPAREDNESS	10/20/00	PWE	
PB	PROC	EP	EP-AA-10	0001	EMERGENCY PREPAREDNESS PROCESS DESCRIPTION	12/12/02	PWE	
PB	PROC	EP	EP-AA-1000	0014	STANDARIZED RADIOLOGICAL EMERGENCY PLAN	02/20/03	PWE	
PB	PROC	EP	EP-AA-1007	0007	RADIOLOGICAL EMERGENCY PLAN ANNEX FOR PEACH BOTTOM ATOMIC POWER STATION	06/30/03	PWE	
PB	PROC	EP	EP-AA-11	0001	OPERATING STATIONS EMERGENCY PREPAREDNESS PROCESS DESCRIPTION	12/12/02	PWE	
PB	PROC	EP	EP-AA-1101	0001	EP FUNDAMENTALS	12/20/02	PWE	
PB	PROC	EP	EP-AA-1102	0000	ERO FUNDAMENTALS	12/20/02	PWE	
PB	PROC	EP	EP-AA-110	0004	ASSESSMENT OF EMERGENCIES	02/20/03	PWE	
PB	PROC	EP	EP-AA-110-301	0000	CORE DAMAGE ASSESSMENT (BWR)	08/30/02	PWE	
PB	PROC	EP	EP-AA-110-302	0001	CORE DAMAGE ASSESSMENT (PWR)	12/17/02	PWE	
PB	PROC	EP	EP-AA-111	0006	EMERGENCY CLASSIFICATION AND PROTECTIVE ACTION RECOMMENDATIONS	05/23/03	PWE	
PB	PROC	EP	EP-AA-112	0008	EMERGENCY RESPONSE ORGANIZATION (ERO)/EMERGENCY RESPONSE FACILITY (ERF) ACTIVATION AND OPERATION	05/23/03	PWE	
PB	PROC	EP	EP-AA-112-100	0005	CONTROL ROOM OPERATIONS	02/20/03	PWE	
PB	PROC	EP	EP-AA-112-200	0004	TSC ACTIVATION AND OPERATION	02/20/03	PWE	
PB	PROC	EP	EP-AA-112-201	0001	TSC COMMAND AND CONTROL	02/20/03	PWE	
PB	PROC	EP	EP-AA-112-202	0001	TSC FACILITY SUPPORT GROUP	02/20/03	PWE	
PB	PROC	EP	EP-AA-112-203	0001	TSC OPERATION GROUP	02/20/03	PWE	
PB	PROC	EP	EP-AA-112-204	0001	TSC TECHNICAL SUPPORT GROUP	02/20/03	PWE	
PB	PROC	EP	EP-AA-112-205	0001	TSC MAINTENANCE GROUP	02/20/03	PWE	
PB	PROC	EP	EP-AA-112-206	0001	TSC RADIATION PROTECTION/CHEMISTRY GROUP	02/20/03	PWE	
PB	PROC	EP	EP-AA-112-300	0004	OPERATIONS SUPPORT CENTER ACTIVATION AND OPERATION	02/20/03	PWE	
PB	PROC	EP	EP-AA-112-400	0004	EMERGENCY OPERATIONS FACILITY ACTIVATION AND OPERATION	02/20/03	PWE	
PB	PROC	EP	EP-AA-112-401	0001	NUCLEAR DUTY OFFICER (NDO)	02/20/03	PWE	
PB	PROC	EP	EP-AA-112-402	0001	EOF COMMAND AND CONTROL	02/20/03	PWE	
PB	PROC	EP	EP-AA-112-403	0001	EOF LOGISTICS SUPPORT GROUP	02/20/03	PWE	
PB	PROC	EP	EP-AA-112-404	0001	EOF TECHNICAL SUPPORT GROUP	02/20/03	PWE	
PB	PROC	EP	EP-AA-112-405	0001	EOF PROTECTIVE MEASURES GROUP	02/20/03	PWE	
PB	PROC	EP	EP-AA-112-500	0005	EMERGENCY ENVIRONMENTAL MONITORING	02/20/03	PWE	
PB	PROC	EP	EP-AA-112-600	0006	PUBLIC INFORMATION ORGANIZATION ACTIVATION AND OPERATIONS	05/23/03	PWE	
PB	PROC	EP	EP-AA-112-601	0001	EMERGENCY NEWS CENTER (ENC) OPERATIONS	02/20/03	PWE	
PB	PROC	EP	EP-AA-112-602	0002	JPIC ACTIVATION AND OPERATION	05/23/03	PWE	
PB	PROC	EP	EP-AA-113	0004	PERSONNEL PROTECTIVE ACTIONS	08/30/02	PWE	
PB	PROC	EP	EP-AA-114	0004	NOTIFICATIONS	02/20/03	PWE	
PB	PROC	EP	EP-AA-115	0001	RECOVERY FROM A CLASSIFIED EVENT	08/30/02	PWE	
PB	PROC	EP	EP-AA-120	0003	EMERGENCY PLAN ADMINISTRATION	12/20/02	PWE	
PB	PROC	EP	EP-AA-120-1001	0003	10 CFR 50.54(Q) CHANGE EVALUATION	04/30/03	PWE	
PB	PROC	EP	EP-AA-120-1002	0000	STORM/EVENT RESTORATION	10/18/02	PWE	
PB	PROC	EP	EP-AA-121	0003	EMERGENCY RESPONSE FACILITIES AND EQUIPMENT READINESS	12/20/02	PWE	
PB	PROC	EP	EP-AA-121-1001	0003	AUTOMATED CALL-OUT SYSTEM MAINTENANCE	04/30/03	PWE	
PB	PROC	EP	EP-AA-122	0003	DRILLS AND EXERCISES	12/20/02	PWE	
PB	PROC	EP	EP-AA-122-1001	0002	DRILL DEVELOPMENT, CONDUCT AND EVALUATION	12/20/02	PWE	
PB	PROC	EP	EP-AA-122-1002	0002	EXERCISE DEVELOPMENT, CONDUCT AND EVALUATION	12/20/02	PWE	
PB	PROC	EP	EP-AA-122-1003	0002	SCHEDULING OF DRILLS AND EXERCISES	12/20/02	PWE	
PB	PROC	EP	EP-AA-122-1004	0001	DEMONSTRATION CRITERIA	10/18/02	PWE	
PB	PROC	EP	EP-AA-123	0002	COMPUTER PROGRAMS	11/12/02	PWE	
PB	PROC	EP	EP-AA-124	0004	INVENTORIES AND SURVEILLANCES	12/20/02	PWE	
PB	PROC	EP	EP-AA-125	0002	EMERGENCY PREPAREDNESS SELF EVALUATION PROCESS	12/20/02	PWE	
PB	PROC	EP	EP-AA-125-1001	0002	EP PERFORMANCE INDICATOR GUIDANCE	12/20/02	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	EP	EP-AA-125-1002	0002	ERO PERFORMANCE - PERFORMANCE INDICATORS GUIDANCE	12/20/02	PWE	
PB	PROC	EP	EP-AA-125-1003	0002	ERP READINESS - PERFORMANCE INDICATORS GUIDANCE	12/20/02	PWE	
PB	PROC	EP	EP-AA-125-1004	0002	EMERGENCY RESPONSE FACILITIES & EQUIPMENT PERFORMANCE INDICATORS GUIDANCE	12/20/02	PWE	
PB	PROC	EP	EP-AA-125-1005	0000	PROBLEM IDENTIFICATION & RESOLUTION PERFORMANCE INDICATOR GUIDANCE	12/20/02	PWE	
PB	PROC	EP	EP-C-2	0008	EMERGENCY PREPAREDNESS CORRECTIVE ACTION PROCESS - CANCELLED REPLACED BY LS-AA-125	07/24/01	PWE	
PB	PROC	EP	EP-C-2-1	0001	IFA FOR ACTION ITEM TRACKING SYSTEM - CANCELLED - NO REPLACEMENT	03/10/97	PWE	
PB	PROC	EP	EP-C-2-2	0001	ACTION/REQUEST EVALUATION NUMBERS AND TREND CODES CANCELLED - NO REPLACEMENT	12/18/98	PWE	
PB	PROC	EP	EP-C-3-1 EXH	0000	DEVELOPMENT AND MAINTENANCE OF THE EMERGENCY RESPONSE FACILITIES AND EQUIPMENT (ERF/E) PROGRAM - CANCELLED - NO REPLACEMENT	04/17/95	PWE	
PB	PROC	EP	EP-C-4-1	0000	FLOWCHART OF DESIGNATION, TRAINING AND MAINTENANCE OF NUCLEAR ERO CANCELLED - NO REPLACEMENT	03/10/97	PWE	
PB	PROC	EP	EP-C-5-1	0000	INTERFACE AGREEMENT FOR OFFSITE ORGANIZATION MATRIX REVIEW - CANCELLED - NO REPLACEMENT	03/10/97	PWE	
PB	PROC	EP	EP-C-5-2	0000	INTERFACE AGREEMENT MATRIX FOR OFFSITE ORGANIZATIONS CANCELLED - NO REPLACEMENT CANCELLED - NO REPLACEMENT	04/10/00	PWE	
PB	PROC	EP	EP-C-6	0004	PREPARATION, CONDUCT, AND EVALUATION OF EMERGENCY RESPONSE DRILLS AND EXERCISES CANCELLED - REPLACED BY EP-MA-122	02/21/02	PWE	
PB	PROC	EP	EP-C-6-1	0000	DRILL OBJECTIVES - CANCELLED - NO REPLACEMENT	03/10/97	PWE	
PB	PROC	EP	EP-C-6-2	0000	ANNUAL EXERCISE SCENARIO SUBMITTAL GUIDELINES - CANCELLED - NO REPLACEMENT	03/10/97	PWE	
PB	PROC	EP	EP-C-6-3	0000	SCENARIO MANUAL FORMAT - CANCELLED - NO REPLACEMENT	03/10/97	PWE	
PB	PROC	EP	EP-C-6-4	0000	DRILL ACTIVITY CHECKLIST - CANCELLED - NO REPLACEMENT	03/10/97	PWE	
PB	PROC	EP	EP-C-6-5	0000	DRILL REPORT FORMAT - CANCELLED - NO REPLACEMENT	03/10/97	PWE	
PB	PROC	EP	EP-C-7-1	0000	IFA FOR ROUTINE ADMINISTRATION & TESTING CANCELLED - NO REPLACEMENT	03/10/97	PWE	
PB	PROC	EP	EP-C-7-2	0000	IFA FOR EMERGENCY SIREN MAINTENANCE CANCELLED - NO REPLACEMENT	03/10/97	PWE	
PB	PROC	EP	EP-MA-110-100	0002	ERO COMPUTER APPLICATIONS	07/01/03	PWE	
PB	PROC	EP	EP-MA-110-200	0002	DOSE ASSESSMENT	02/20/03	PWE	
PB	PROC	EP	EP-MA-112-406	0001	MAROG OFFSITE LIASONS	02/20/03	PWE	
PB	PROC	EP	EP-MA-113-100	0001	ASSEMBLY AND SITE EVACUATION	02/20/03	PWE	
PB	PROC	EP	EP-MA-114-100	0004	MAROG NOTIFICATIONS	07/01/03	PWE	
PB	PROC	EP	EP-MA-121-1002	0000	ALERT NOTIFICATION SYSTEM (ANS) DESCRIPTION, TESTING, MAINTENANCE AND PERFORMANCE TRENDING PROGRAM	12/20/02	PWE	
PB	PROC	EP	EP-MA-121-1004	0000	EMERGENCY PREPAREDNESS ALERT NOTIFICATION SYSTEM (ANS) CONTROL OF EQUIPMENT & OUTAGES	12/20/02	PWE	
PB	PROC	EP	EP-MA-122	0000	EXERCISE AND DRILLS - CANCELLED REPLACED BY EP-AA-122	10/18/02	PWE	
PB	PROC	EP	EP-MA-122-1001	0002	DRILL DEVELOPMENT, CONDUCT AND EVALUATION - CANCELLED REPLACED BY EP-AA-122-1001	10/18/02	PWE	
PB	PROC	EP	EP-MA-122-1002	0002	EXERCISE DEVELOPMENT, CONDUCT AND EVALUATION - CANCELLED REPLACED BY EP-AA-122-1002	10/18/02	PWE	
PB	PROC	EP	EP-MA-122-1003	0000	SCHEDULING OF DRILLS AND EXERCISES - CANCELLED REPLACED BY EP-AA-122-1003	10/18/02	PWE	
PB	PROC	EP	EP-MA-122-1004	0000	DEMONSTRATION CRITERIA - CANCELLED REPLACED BY EP-AA-122-1004	10/18/02	PWE	
PB	PROC	EP	EP-MA-123-1001	0000	KI ASSESSMENT SPREADSHEET TECHNICAL BASIS	07/01/03	PWE	
PB	PROC	EP	EP-MA-124-1001	0002	FACILITY INVENTORIES AND EQUIPMENT TESTS	07/01/03	PWE	
PB	PROC	EP	EP-MA-125-1002	0000	COLLECTION AND EVALUATION OF DATA FOR INDICATOR E EP.01 "DRILL	12/20/02	PWE	

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FAC	DOC TYPE	PROC TYPE	PROCEDURE NUMBER	CURR REV NBR	TITLE	EFFECTIVE DATE	RESP GROUP	SYSTEM NBR
PB	PROC	EP	EP-MA-125-1002	0000	EXERCISE PERFORMANCE" CANCELLED - EP-AA-125-1002	12/20/02	PWE	
PB	PROC	EP	EP-MA-125-1003	0001	COLLECTION AND EVALUATION OF DATA FOR INDICATOR R.EP.02, "EMERGENCY RESPONSE ORGANIZATION PARTICIPATION" CANCELLED - REPLACED BY EP-AA-125-1003	12/20/02	PWE	
PB	PROC	EP	EP-MA-125-1004	0000	COLLECTION AND EVALUATION OF DATA FOR INDICATOR R.EP.03 ALERT & NOTIFICATION SYSTEM RELIABILITY CANCELLED - REPLACED BY EP-AA-125-1004	12/20/02	PWE	
PB	PROC	EP	EP-UG-01	0005	CONTROL OF EP GUIDELINES	12/07/98		
PB	PROC	EP	EP-UG-05	0004	EMERGENCY PREPAREDNESS STAFF ORIENTATION	12/07/98		
PB	PROC	EP	EP-UG-05-1	0004	CHECKLIST FOR EMERGENCY PREPAREDNESS STAFF ORIENTATION	03/13/00		

** END OF REPORT **

LIMERICK GENERATING STATION

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FAC	DOC TYPE	PROC TYPE	PROCEDURE NUMBER	CURR REV NBR	TITLE	EFFECTIVE DATE	RESP GROUP	SYSTEM NBR
LG	PROC	EP	EP-AA-1	0000	EMERGENCY PREPAREDNESS	10/20/00		
LG	PROC	EP	EP-AA-10	0001	EMERGENCY PREPAREDNESS PROCESS DESCRIPTION	12/12/02		
LG	PROC	EP	EP-AA-11	0001	OPERATING STATIONS EMERGENCY PREPAREDNESS PROCESS DESCRIPTION	12/12/02		
LG	PROC	EP	EP-AA-1101	0001	EP FUNDAMENTALS	12/20/02		
LG	PROC	EP	EP-AA-1102	0000	ERO FUNDAMENTALS	12/20/02		
LG	PROC	EP	EP-AA-110	0004	ASSESSMENT OF EMERGENCIES	02/20/03		
LG	PROC	EP	EP-AA-110-301	0000	CORE DAMAGE ASSESSMENT (BWR)	08/30/02		
LG	PROC	EP	EP-AA-110-302	0001	CORE DAMAGE ASSESSMENT (PWR)	12/03/02		
					*****NO HARDCOPY DIST AT LGS SEE P4****			
LG	PROC	EP	EP-AA-111	0006	EMERGENCY CLASSIFICATION AND PROTECTIVE ACTION RECOMMENDATIONS	05/23/03		
LG	PROC	EP	EP-AA-112	0008	EMERGENCY RESPONSE ORGANIZATION (ERO)/EMERGENCY RESPONSE FACILITY (ERF) ACTIVATION AND OPERATION	05/23/03		
LG	PROC	EP	EP-AA-112-100	0005	CONTROL ROOM OPERATIONS	02/20/03		
LG	PROC	EP	EP-AA-112-200	0004	TSC ACTIVATION AND OPERATION	02/20/03		
LG	PROC	EP	EP-AA-112-201	0001	TSC COMMAND AND CONTROL	02/20/03		
LG	PROC	EP	EP-AA-112-202	0001	TSC FACILITY SUPPORT GROUP	02/20/03		
LG	PROC	EP	EP-AA-112-203	0001	TSC OPERATION GROUP	02/20/03		
LG	PROC	EP	EP-AA-112-204	0001	TSC TECHNICAL SUPPORT GROUP	02/20/03		
LG	PROC	EP	EP-AA-112-205	0001	TSC MAINTENANCE GROUP	02/20/03		
LG	PROC	EP	EP-AA-112-206	0001	TSC RADIATION PROTECTION/CHEMISTRY GROUP	02/20/03		
LG	PROC	EP	EP-AA-112-300	0004	OPERATIONS SUPPORT CENTER ACTIVATION AND OPERATION	02/20/03		
LG	PROC	EP	EP-AA-112-400	0004	EMERGENCY OPERATIONS FACILITY ACTIVATION AND OPERATION	02/20/03		
LG	PROC	EP	EP-AA-112-401	0001	NUCLEAR DUTY OFFICER (NDO)	02/20/03		
LG	PROC	EP	EP-AA-112-402	0001	EOF COMMAND AND CONTROL	02/20/03		
LG	PROC	EP	EP-AA-112-403	0001	EOF LOGISTICS SUPPORT GROUP	02/20/03		
LG	PROC	EP	EP-AA-112-404	0001	EOF TECHNICAL SUPPORT GROUP	02/20/03		
LG	PROC	EP	EP-AA-112-405	0001	EOF PROTECTIVE MEASURES GROUP	02/20/03		
LG	PROC	EP	EP-AA-112-500	0005	EMERGENCY ENVIRONMENTAL MONITORING	02/20/03		
LG	PROC	EP	EP-AA-112-600	0006	JOINT PUBLIC INFORMATION CENTER (JPIC) ACTIVATION	05/23/03		
LG	PROC	EP	EP-AA-112-601	0001	EMERGENCY NEWS CENTER (ENC) OPERATIONS	02/20/03		
LG	PROC	EP	EP-AA-112-602	0002	JPIC ACTIVATION AND OPERATION	05/23/03		
LG	PROC	EP	EP-AA-113	0004	PERSONNEL PROTECTIVE ACTIONS	08/30/02		
LG	PROC	EP	EP-AA-114	0004	NOTIFICATIONS	02/20/03		
LG	PROC	EP	EP-AA-115	0001	RECOVERY FROM A CLASSIFIED EVENT	08/30/02		
LG	PROC	EP	EP-AA-120	0003	EMERGENCY PLAN ADMINISTRATION	12/20/02		
LG	PROC	EP	EP-AA-120-1001	0003	10 CFR 50.54(Q) CHANGE EVALUATION	05/21/03		
LG	PROC	EP	EP-AA-120-1002	0000	STORM/EVENT RESTORATION	10/09/02		
LG	PROC	EP	EP-AA-121	0003	EMERGENCY RESPONSE FACILITIES AND EQUIPMENT READINESS	12/20/02		
LG	PROC	EP	EP-AA-121-1001	0003	AUTOMATED CALL-OUT SYSTEM MAINTENANCE	05/21/03		
LG	PROC	EP	EP-AA-122	0003	DRILLS AND EXERCISES	12/20/02		
LG	PROC	EP	EP-AA-122-1001	0002	DRILL DEVELOPMENT, CONDUCT AND EVALUATION	12/20/02		
LG	PROC	EP	EP-AA-122-1002	0002	EXERCISE DEVELOPMENT, CONDUCT AND EVALUATION	12/20/02		
LG	PROC	EP	EP-AA-122-1003	0002	SCHEDULING OF DRILLS AND EXERCISES	12/20/02		
LG	PROC	EP	EP-AA-122-1004	0001	DEMONSTRATION CRITERIA	10/09/02		
LG	PROC	EP	EP-AA-123	0002	COMPUTER PROGRAMS	11/05/02		
LG	PROC	EP	EP-AA-124	0004	INVENTORIES AND SURVEILLANCES	12/20/02		
LG	PROC	EP	EP-AA-125	0002	EMERGENCY PREPAREDNESS SELF EVALUATION PROCESS	12/20/02		
LG	PROC	EP	EP-AA-125-1001	0002	EP PERFORMANCE INDICATOR GUIDANCE	12/20/02		
LG	PROC	EP	EP-AA-125-1002	0002	ERO PERFORMANCE - PERFORMANCE INDICATORS GUIDANCE	12/20/02		
LG	PROC	EP	EP-AA-125-1003	0002	ERO READINESS - PERFORMANCE INDICATORS GUIDANCE	12/20/02		

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FAC	DOC TYPE	PROC TYPE	PROCEDURE NUMBER	CURR REV NBR	TITLE	EFFECTIVE DATE	RESP GROUP	SYSTEM NBR
LG	PROC	EP	EP-AA-125-1004	0002	EMERGENCY RESPONSE FACILITIES & EQUIPMENT PERFORMANCE INDICATORS GUIDANCE	12/20/02		
LG	PROC	EP	EP-AA-125-1005	0000	PROBLEM IDENTIFICATION & RESOLUTION PERFORMANCE INDICATOR GUIDANCE	12/20/02		
LG	PROC	EP	EP-MA-110-100	0002	ERO COMPUTER APPLICATIONS	07/01/03		
LG	PROC	EP	EP-MA-110-200	0002	DOSE ASSESSMENT	02/20/03		
LG	PROC	EP	EP-MA-112-406	0001	MAROG OFFSITE LIAISONS	02/20/03		
LG	PROC	EP	EP-MA-113-100	0001	ASSEMBLY AND SITE EVACUATION	02/20/03		
LG	PROC	EP	EP-MA-114-100	0004	MAROG NOTIFICATIONS	07/01/03		
LG	PROC	EP	EP-MA-121-1002	0000	ALERT NOTIFICATION SYSTEM (ANS) DESCRIPTION, TESTING, MAINTENANCE AND PERFORMANCE TRENDING PROGRAM	12/20/02		
LG	PROC	EP	EP-MA-121-1004	0000	EMERGENCY PREPAREDNESS ALERT NOTIFICATION SYSTEM (ANS) CONTROL OF EQUIPMENT & OUTAGES	12/20/02		
LG	PROC	EP	EP-MA-122	0000	EXERCISES AND DRILLS	12/20/02		
LG	PROC	EP	EP-MA-122-1001	0002	SUPERCEDED BY EP-AA-122 DRILL DEVELOPMENT, CONDUCT AND EVALUATION	10/09/02		
LG	PROC	EP	EP-MA-122-1002	0002	SUPERCEDED BY EP-AA-122-1001 EXERCISE DEVELOPMENT, CONDUCT AND EVALUATION	10/09/02		
LG	PROC	EP	EP-MA-122-1003	0000	SUPERCEDED BY EP-AA-122-1002 SCHEDULING OF DRILLS AND EXERCISES	10/09/02		
LG	PROC	EP	EP-MA-122-1004	0000	SUPERCEDED BY EP-AA-122-1003 DEMONSTRATION CRITERIA	10/09/02		
LG	PROC	EP	EP-MA-123-1001	0000	SUPERCEDED BY EP-AA-122-1004 KI ASSESSMENT SPREADSHEET TECHNICAL BASIS	07/01/03		
LG	PROC	EP	EP-MA-124-1001	0002	FACILITY INVENTORIES AND EQUIPMENT TESTS	07/01/03		
LG	PROC	EP	EP-MA-125-1003	0001	COLLECTION AND EVALUATION OF DATA FOR INDICATOR R.EP.02. "EMERGENCY RESPONSE ORGANIZATION PARTICIPATION"	12/20/02		
LG	PROC	EP	EP-100	0003	SUPERCEDED BY EP-AA-125-1003 CANCELLED 4/03/92 (SUPERCEDED BY ERP-200)			
LG	PROC	EP	EP-100-1 APP.	0003	CANCELLED 04/03/92 (SUPERCEDED BY ERP-200 APP.1)			
LG	PROC	EP	EP-101	0013	CANCELLED 04/03/92 (SUPERCEDED BY ERP-101)			
LG	PROC	EP	EP-102	0015	CANCELLED INCORPORATED INTO EP100 & EP112		LWE	
LG	PROC	EP	EP-102 APP.1	0010	CANCELLED INCORPORATED INTO EP100 & EP112		LWE	
LG	PROC	EP	EP-103	0018	CANCELLED INCORPORATED INTO EP100 & EP112		LWE	
LG	PROC	EP	EP-103 APP.1	0009	CANCELLED INCORPORATED INTO EP100 & EP112		LWE	
LG	PROC	EP	EP-104	0017	CANCELLED INCORPORATED INTO EP100 & EP112		LWE	
LG	PROC	EP	EP-104 APP.1	0009	CANCELLED INCORPORATED INTO EP100 & EP112		LWE	
LG	PROC	EP	EP-105	0017	CANCELLED INCORPORATED INTO EP100 & EP112		LWE	
LG	PROC	EP	EP-105 APP.1	0009	CANCELLED INCORPORATED INTO EP100 & EP112		LWE	
LG	PROC	EP	EP-106	0009	CANCELLED 04/03/92 (SUPERCEDED BY ERP-106)		LWE	
LG	PROC	EP	EP-110	0015	CANCELLED 04/03/92			
LG	PROC	EP	EP-112	0006	CANCELLED 04/03/92 (SUPERCEDED BY ERP-110)			
LG	PROC	EP	EP-120	0009	CANCELLED 04/03/92 (SUPERCEDED BY ERP-C-1200)			
LG	PROC	EP	EP-201	0012	CANCELLED (4/3/92) INCORPORATED INTO ERP-800			
LG	PROC	EP	EP-202	0012	CANCELLED 04/03/92 (SUPERCEDED BY ERP-230)			
LG	PROC	EP	EP-203	0012	CANCELLED 04/03/92 (SUPERCEDED BY ERP-C-1200)			
LG	PROC	EP	EP-204	0001	CANCELLED (08/20/90)		LWE	
LG	PROC	EP	EP-208	0015	CANCELLED 04/03/92 (SUPERCEDED BY ERP-500)			
LG	PROC	EP	EP-210	0016	CANCELLED (4/3/92) INCORPORATED INTO ERP-300			
LG	PROC	EP	EP-211	0009	CANCELLED (4/3/92) INCORPORATED INTO ERP-340			

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LIMERICK GENERATING STATION

FAC	DOC TYPE	PROC TYPE	PROCEDURE NUMBER	CURR REV NBR	TITLE	EFFECTIVE DATE	RESP GROUP	SYSTEM NBR
LG	PROC	EP	EP-220	0000	CANCELLED		LWE	
LG	PROC	EP	EP-221	0000	CANCELLED		LWE	
LG	PROC	EP	EP-222	0000	CANCELLED		LWE	
LG	PROC	EP	EP-225	0003	CANCELLED 04/03/92 (SUPERCEDED BY ERP-700)			
LG	PROC	EP	EP-230	0015	CANCELLED 04/03/92 (SUPERCEDED BY ERP-400)			
LG	PROC	EP	EP-231	0019	CANCELLED (3/15/91)			
LG	PROC	EP	EP-232	0000	CANCELLED		LWE	
LG	PROC	EP	EP-233	0010	CANCELLED (3/22/91)			
LG	PROC	EP	EP-234	0010	CANCELLED (3/22/91)			
LG	PROC	EP	EP-235	0009	CANCELLED (3/15/91)			
LG	PROC	EP	EP-236	0007	CANCELLED (3/15/91)			
LG	PROC	EP	EP-237	0013	CANCELLED (3/13/91)			
LG	PROC	EP	EP-238	0007	CANCELLED (3/15/91)			
LG	PROC	EP	EP-240	0000	CANCELLED		LWE	
LG	PROC	EP	EP-241	0014	CANCELLED 04/03/92 (SUPERCEDED BY ERP-410)			
LG	PROC	EP	EP-242	0007	CANCELLED 04/03/92 (SUPERCEDED BY ERP-420)			
LG	PROC	EP	EP-243	0012	CANCELLED 04/03/92 (SUPERCEDED BY ERP-430)			
LG	PROC	EP	EP-244	0005	CANCELLED 04/03/92 (SUPERCEDED BY ERP-440)			
LG	PROC	EP	EP-250	0009	CANCELLED (4/3/92) INCORPORATED INTO ERP-600			
LG	PROC	EP	EP-251	0005	CANCELLED (4/3/92) INCORPORATED INTO ERP-620			
LG	PROC	EP	EP-252	0016	CANCELLED 04/03/92 (SUPERCEDED BY ERP-500)			
LG	PROC	EP	EP-253	0000	CANCELLED		LWE	
LG	PROC	EP	EP-254	0005	CANCELLED (4/3/92) INCORPORATED INTO ERP-630			
LG	PROC	EP	EP-255	0005	CANCELLED (4/3/92) INCORPORATED INTO ERP-260			
LG	PROC	EP	EP-256	0001	CANCELLED (09/26/91)			
LG	PROC	EP	EP-257	0002	CANCELLED (09/26/91)			
LG	PROC	EP	EP-260	0004	CANCELLED		LWE	
LG	PROC	EP	EP-261	0010	CANCELLED 04/03/92 (SUPERCEDED BY ERP-800)			
LG	PROC	EP	EP-272	0000	CANCELLED		LWE	
LG	PROC	EP	EP-273	0000	CANCELLED		LWE	
LG	PROC	EP	EP-275	0000	CANCELLED		LWE	
LG	PROC	EP	EP-276	0013	CANCELLED(11/19/90)		LWE	
LG	PROC	EP	EP-277	0021	CANCELLED(11/19/90)		LWE	
LG	PROC	EP	EP-278	0015	CANCELLED		LWE	
LG	PROC	EP	EP-279	0020	CANCELLED(11/13/90)			
LG	PROC	EP	EP-280	0021	CANCELLED(11/13/90)			
LG	PROC	EP	EP-282	0016	CANCELLED (8/13/91)			
LG	PROC	EP	EP-284	0013	CANCELLED (8/13/91)			
LG	PROC	EP	EP-287	0006	CANCELLED - 11/02/88		LWE	
LG	PROC	EP	EP-291	0026	CANCELLED 04/03/92 (SUPERCEDED BY ERP-140)			
LG	PROC	EP	EP-292	0018	CANCELLED (4/24/90)		LWE	
LG	PROC	EP	EP-294	0020	CANCELLED(6/29/90)INCOMP. INTO EP-305		LWE	
LG	PROC	EP	EP-301	0003	CANCELLED INCORPORATED INTO EP305		LWE	
LG	PROC	EP	EP-302	0002	CANCELLED 04/03/92 (SUPERCEDED BY ERP-800)			
LG	PROC	EP	EP-303	0004	CANCELLED 04/03/92 (SUPERCEDED BY ERP-120)			
LG	PROC	EP	EP-304	0007	CANCELLED 04/03/92 (SUPERCEDED BY ERP-120)			
LG	PROC	EP	EP-305	0010	CANCELLED 04/03/92 (SUPERCEDED BY (ERP-120)			
LG	PROC	EP	EP-306	0006	CANCELLED 04/03/92 (SUPERCEDED BY ERP-500)			
LG	PROC	EP	EP-307	0004	CANCELLED 04/03/92 (SUPERCEDED BY ERP-C-1500)			
LG	PROC	EP	EP-312	0011	CANCELLED (4/3/92) INCORPORATED INTO ERP-350			

PROCEDURE INDEX REPORT: LIMERICK GENERATING STATION

FAC	DOC TYPE	PROC TYPE	PROCEDURE NUMBER	CURR REV NBR	TITLE	EFFECTIVE DATE	RESP GROUP	SYSTEM NBR
LG	PROC	EP	EP-313	0007	CANCELLED (4/3/92) INCORPORATED INTO ERP-660			
LG	PROC	EP	EP-314	0003	CANCELLED(01/03/91)			
LG	PROC	EP	EP-315	0009	CANCELLED		LWE	
LG	PROC	EP	EP-316	0004	CANCELLED		LWE	
LG	PROC	EP	EP-317	0014	CANCELLED (4/3/92) INCORPORATED INTO ERP-370			
LG	PROC	EP	EP-318	0004	CANCELLED (4/3/92) INCORPORATED INTO ERP-350			
LG	PROC	EP	EP-319	0002	CANCELLED		LWE	
LG	PROC	EP	EP-320	0002	CANCELLED(09/21/90)		LWE	
LG	PROC	EP	EP-321	0003	CANCELLED(09/21/90)		LWE	
LG	PROC	EP	EP-322	0000	CANCELLED(09/21/90)		LWE	
LG	PROC	EP	EP-322 APP.9	0001	CANCELLED(11/05/90)		LWE	
LG	PROC	EP	EP-324	0000	CANCELLED (4/3/92) INCORPORATED INTO ERP-300			
LG	PROC	EP	EP-324 APP. 5	0000	CANCELLED (4/3/92) INCORPORATED INTO ERP-300			
LG	PROC	EP	EP-324 APP.6	0000	CANCELLED (4/3/92) INCORPORATED INTO ERP-300			
LG	PROC	EP	EP-325	0010	CANCELLED (4/3/92) INCORPORATED INTO ERP-370			
LG	PROC	EP	EP-327	0002	CANCELLED (4/2/92) INCORPORATED INTO ERP-370			
LG	PROC	EP	EP-328	0000	CANCELLED (4/2/92) INCORPORATED INTO ERP-370			
LG	PROC	EP	EP-330	0007	CANCELLED (4/2/92) INCORPORATED INTO ERP-640			
LG	PROC	EP	EP-333	0002	CANCELLED (4/3/92) INCORPORATED INTO ERP-360			
LG	PROC	EP	EP-401	0005	CANCELLED (4/3/92) INCORPORATED INTO ERP-650			
LG	PROC	EP	EP-410	0013	CANCELLED 04/03/92 (SUPERCEDED BY ERP-C-1900)			
LG	PROC	EP	EP-500	0002	CANCELLED		LWE	

** END OF REPORT **

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EXELON POLICIES AND DIRECTIVES

<u>PROCEDURE NUMBER</u>	<u>REV</u>	<u>EFFDATE</u>	<u>SITE</u>	<u>PROCEDURE TITLE</u>	<u>TC NUMBER</u>	<u>LEVEL</u>
EP-AA-1	0	2000-10-20	TMI1	EMERGENCY PREPAREDNESS		N/A

EMERGENCY PLAN IMPLEMENTING PROCEDURE / DOCUMENT

<u>PROCEDURE NUMBER</u>	<u>REV</u>	<u>EFFDATE</u>	<u>SITE</u>	<u>PROCEDURE TITLE</u>	<u>TC NUMBER</u>	<u>LEVEL</u>
EP-AA-110	4	2003-03-28	TMI1	ASSESSMENT OF EMERGENCIES		2
EP-AA-110-301	0	2003-03-28	TMI1	CORE DAMAGE ASSESSMENT (BWR)		2
EP-AA-110-302	1	2003-03-28	TMI1	CORE DAMAGE ASSESSMENT (PWR)		2
EP-AA-111	6	2003-05-23	TMI1	EMERGENCY CLASSIFICATION AND PROTECTIVE ACTION RECOMMENDATIONS		2
EP-AA-112	8	2003-05-23	TMI1	EMERGENCY RESPONSE ORGANIZATION (ERO) - EMERGENCY RESPONSE FACILITY (ERF) ACTIVATION AND OPERATION		2
EP-AA-112-100	5	2003-03-28	TMI1	CONTROL ROOM OPERATIONS		2
EP-AA-112-200	4	2003-03-28	TMI1	TSC ACTIVATION AND OPERATION		2
EP-AA-112-201	1	2003-03-28	TMI1	TSC COMMAND AND CONTROL		2
EP-AA-112-202	1	2003-03-28	TMI1	TSC FACILITY SUPPORT GROUP		2
EP-AA-112-203	1	2003-03-28	TMI1	TSC OPERATION GROUP		2
EP-AA-112-204	1	2003-03-28	TMI1	TSC TECHNICAL SUPPORT GROUP		2
EP-AA-112-205	1	2003-03-28	TMI1	TSC MAINTENANCE GROUP		2
EP-AA-112-206	1	2003-03-28	TMI1	TSC RADIATION PROTECTION / CHEMISTRY GROUP		2
EP-AA-112-300	4	2003-03-28	TMI1	OPERATIONS SUPPORT CENTER ACTIVATION AND OPERATION		2
EP-AA-112-400	4	2003-03-28	TMI1	EMERGENCY OPERATIONS FACILITY ACTIVATION AND OPERATION		2
EP-AA-112-401	1	2003-03-28	TMI1	NUCLEAR DUTY OFFICER (NDO)		2
EP-AA-112-402	1	2003-03-28	TMI1	EOF COMMAND AND CONTROL		2
EP-AA-112-403	1	2003-03-28	TMI1	EOF LOGISTICS SUPPORT GROUP		2
EP-AA-112-404	1	2003-03-28	TMI1	EOF TECHNICAL SUPPORT GROUP		2

EMERGENCY PLAN IMPLEMENTING PROCEDURE / DOCUMENT

<u>PROCEDURE NUMBER</u>	<u>REV</u>	<u>EFFDATE</u>	<u>SITE</u>	<u>PROCEDURE TITLE</u>	<u>TC NUMBER</u>	<u>LEVEL</u>
EP-AA-112-405	1	2003-03-28	TMI1	EOF PROTECTIVE MEASURES GROUP		2
EP-AA-112-500	5	2003-03-28	TMI1	EMERGENCY ENVIRONMENTAL MONITORING		2
EP-AA-112-600	6	2003-05-23	TMI1	PUBLIC INFORMATION ORGANIZATION ACTIVATION AND OPERATIONS		2
EP-AA-112-601	1	2003-03-28	TMI1	EMERGENCY NEWS CENTER (ENC) OPERATIONS		2
EP-AA-112-602	2	2003-05-23	TMI1	JPIC ACTIVATION AND OPERATION		2
EP-AA-113	4	2003-03-28	TMI1	PERSONNEL PROTECTIVE ACTIONS		2
EP-AA-114	4	2003-03-28	TMI1	NOTIFICATIONS		2
EP-AA-115	1	2003-03-28	TMI1	RECOVERY FROM A CLASSIFIED EVENT		2
EP-AA-120	3	2003-03-28	TMI1	EMERGENCY PLAN ADMINISTRATION		2
EP-AA-121	3	2003-03-28	TMI1	EMERGENCY RESPONSE FACILITIES AND EQUIPMENT READINESS		2
EP-AA-122	3	2003-03-28	TMI1	DRILLS AND EXERCISES		2
EP-AA-123	2	2003-03-28	TMI1	COMPUTER PROGRAMS		2
EP-AA-124	4	2003-03-28	TMI1	INVENTORIES AND SURVEILLANCES		2
EP-AA-125	2	2002-12-20	TMI1	EMERGENCY PREPAREDNESS SELF EVALUATION PROCESS		2
EP-MA-110-100	2	2003-07-01	TMI1	ERO COMPUTER APPLICATIONS		2
EP-MA-110-200	2	2003-03-28	TMI1	DOSE ASSESSMENT.		2
EP-MA-112-406	1	2003-03-28	TMI1	MAROG OFFSITE LIAISONS		2
EP-MA-113-100	1	2003-03-28	TMI1	ASSEMBLY AND SITE EVACUATION		2
EP-MA-114-100	4	2003-07-01	TMI1	MAROG NOTIFICATIONS		2
EPIP-TMI-.06	43	2002-12-02	TMI1	ADDITIONAL ASSISTANCE AND NOTIFICATION		3

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EMERGENCY PLAN IMPLEMENTING PROCEDURE / DOCUMENT

<u>PROCEDURE NUMBER</u>	<u>REV</u>	<u>EFFDATE</u>	<u>SITE</u>	<u>PROCEDURE TITLE</u>	<u>TC NUMBER</u>	<u>LEVEL</u>
EPIP-TMI-.16	11	2002-07-12	TMI1	CONTAMINATED INJURIES		2
EPIP-TMI-.19	10	2000-10-20	TMI1	EMERGENCY DOSIMETRY / SECURITY BADGE ISSUANCE		2
TEP-ADM-1300.01	11	2003-03-28	TMI1	MAINTAINING EMERGENCY PREPAREDNESS		2
TEP-ADM-1300.02	10	2001-03-01	TMI1	EMERGENCY PREPAREDNESS TRAINING		3
TEP-ADM-1300.04	9	2002-05-10	TMI1	ADMINISTRATION OF THE TMI INITIAL RESPONSE AND EMERGENCY SUPPORT ORGANIZATION DUTY ROSTER		3
TEP-ADM-1300.05	12	2003-03-28	TMI1	EMERGENCY EQUIPMENT READINESS		2

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EMERGENCY PREPAREDNESS PROCEDURE

<u>PROCEDURE NUMBER</u>	<u>REV</u>	<u>EFFDATE</u>	<u>SITE</u>	<u>PROCEDURE TITLE</u>	<u>TC NUMBER</u>	<u>LEVEL</u>
TEP-SUR-1310.01	11	2003-03-28	TMI1	EMERGENCY COMMUNICATIONS TEST PROCEDURE		2
TEP-SUR-1310.05	5	2003-03-28	TMI1	VERIFICATION OF EMERGENCY PREPAREDNESS AIDS		3
TEP-SUR-1310.10	5	2001-11-13	TMI1	PROCEDURE CHANGE NOTIFICATION		3
TMI-ADM-1201.01	3	2001-11-07	TMI1	EMERGENCY PREPAREDNESS EVENT REPORTS		3

EXELON TRAINING AND REFERENCE MATERIAL

<u>PROCEDURE NUMBER</u>	<u>REV</u>	<u>EFFDATE</u>	<u>SITE</u>	<u>PROCEDURE TITLE</u>	<u>TC NUMBER</u>	<u>LEVEL</u>
EP-AA-1000	14	2003-03-28	TMI1	STANDARDIZED RADIOLOGICAL EMERGENCY PLAN		N/A
EP-AA-1009	1	2003-05-23	TMI1	EXELON NUCLEAR RADIOLOGICAL EMERGENCY PLAN ANNEX FOR THREE MILE ISLAND (TMI) STATION		2
EP-AA-1101	1	2003-03-28	TMI1	EP FUNDAMENTALS		N/A
EP-AA-1102	0	2003-03-28	TMI1	ERO FUNDAMENTALS		N/A
EP-AA-120-1001	3	2003-05-09	TMI1	10 CFR 50.54(Q) CHANGE EVALUATION		N/A
EP-AA-120-1002	0	2003-03-28	TMI1	STORM / EVENT RESTORATION		N/A
EP-AA-121-1001	3	2003-05-09	TMI1	AUTOMATED CALL-OUT SYSTEM MAINTENANCE		N/A
EP-AA-122-1001	2	2003-03-28	TMI1	DRILL DEVELOPMENT CONDUCT AND EVALUATION		N/A
EP-AA-122-1002	2	2003-03-28	TMI1	EXERCISE DEVELOPMENT CONDUCT AND EVALUATION		N/A
EP-AA-122-1003	2	2003-03-28	TMI1	SCHEDULING OF DRILLS AND EXERCISES.		N/A
EP-AA-122-1004	1	2003-03-28	TMI1	DEMONSTRATION CRITERIA		N/A
EP-AA-125-1001	2	2002-12-20	TMI1	EP PERFORMANCE INDICATOR GUIDANCE		2
EP-AA-125-1002	2	2002-12-20	TMI1	ERO PERFORMANCE - PERFORMANCE INDICATORS GUIDANCE		2
EP-AA-125-1003	2	2003-03-28	TMI1	ERO READINESS - PERFORMANCE INDICATORS GUIDANCE		N/A
EP-AA-125-1004	2	2002-12-20	TMI1	EMERGENCY RESPONSE FACILITIES & EQUIPMENT PERFORMANCE INDICATORS GUIDANCE		N/A
EP-AA-125-1005	0	2002-12-20	TMI1	PROBLEM IDENTIFICATION AND RESOLUTION PERFORMANCE INDICATOR GUIDANCE		2
EP-MA-121-1002	0	2003-03-28	TMI1	ALERT NOTIFICATION SYSTEM (ANS) DESCRIPTION TESTING MAINTENANCE AND PERFORMANCE TRENDING PROGRAM		N/A

EXELON TRAINING AND REFERENCE MATERIAL

<u>PROCEDURE NUMBER</u>	<u>REV</u>	<u>EFFDATE</u>	<u>SITE</u>	<u>PROCEDURE TITLE</u>	<u>TC NUMBER</u>	<u>LEVEL</u>
EP-MA-121-1004	0	2003-03-28	TMI1	EMERGENCY PREPAREDNESS ALERT NOTIFICATION SYSTEM (ANS) CONTROL OF EQUIPMENT & OUTAGES		N/A
EP-MA-123-1001	0	2003-07-01	TMI1	KI ASSESSMENT SPREADSHEET TECHNICAL BASIS		N/A
EP-MA-124-1001	2	2003-07-01	TMI1	FACILITY INVENTORIES AND EQUIPMENT TESTS		N/A
EP-MA-125-1002	N/A	2001-06-21	TMI1	COLLECTION AND EVALUATION OF DATA FOR INDICATOR R.EP.01 DRILL AND EXERCISE PERFORMANCE		N/A
EP-MA-125-1003	2	2002-12-20	TMI1	ERO READINESS - PERFORMANCE INDICATORS GUIDANCE		2

EXELON PROCESS DESCRIPTIONS

<u>PROCEDURE NUMBER</u>	<u>REV</u>	<u>EFFDATE</u>	<u>SITE</u>	<u>PROCEDURE TITLE</u>	<u>TC NUMBER</u>	<u>LEVEL</u>
EP-AA-10	1	2002-12-06	TMI1	EMERGENCY PREPAREDNESS PROCESS DESCRIPTION		N/A
EP-AA-11	1	2002-12-06	TMI1	OPERATING STATIONS EMERGENCY PREPAREDNESS PROCESS DESCRIPTION		N/A