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THE FOLLOWING CHANGES HAVE OCCURRED TO THE HARDCOPY
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100 - 100 - EMERGENCY DIRECTOR/CONTROL ROOM:
EMERGENCY PLAN-POSITION SPECIFIC PROCEDURE

REMOVE MANUAL TABLE OF CONTENTS DATE: 08/08/2002

ADD MANUAL TABLE OF CONTENTS DATE: 08/22/2002

CATEGORY: PROCEDURES TYPE: EP

ID: EP-PS-100

REMOVE: REV:15

ADD: REV: 16

REMOVE: PCAF 2002-1436 REV: N/A

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AXUS

PROCEDURE COVER SHEET

PPL SUSQUEHANNA, LLC		NUCLEAR DEPARTMENT PROCEDURE	
EMERGENCY DIRECTOR, CONTROL ROOM: Emergency-Plan-Position Specific Instruction			EP-PS-100 Revision 16 Page 1 of 4
QUALITY CLASSIFICATION: <input type="checkbox"/> QA Program <input checked="" type="checkbox"/> Non-QA Program		APPROVAL CLASSIFICATION: <input type="checkbox"/> Plant <input type="checkbox"/> Non-Plant <input checked="" type="checkbox"/> Instruction	
EFFECTIVE DATE:		<u>8-22-2002</u>	
PERIODIC REVIEW FREQUENCY:		<u>Two Years</u>	
PERIODIC REVIEW DUE DATE:		<u>8-22-2004</u>	
RECOMMENDED REVIEWS: All			
Procedure Owner:	<u>Nuclear Emergency Planning</u>		
Responsible Supervisor:	<u>Manager-Nuclear Operations</u>		
Responsible FUM:	<u>Supv.-Nuclear Emergency Planning</u>		
Responsible Approver:	<u>V.P.-Nuclear Operations</u>		

EMERGENCY DIRECTOR (ED) - CONTROL ROOM:

Emergency Plan-Position Specific
Procedure

WHEN: Anytime an abnormal event is occurring
HOW NOTIFIED: On shift
REPORT TO: Duty Manager
WHERE TO REPORT: Control Room

OVERALL DUTY:

Take charge of the plant from the Control Room during an emergency condition, assigning duties and directing operations as necessary to return to a safe plant condition (NDAP-QA-300).

MAJOR TASKS:

TAB:

REVISION:

Classify the emergency as conditions indicate.	TAB A	8
Manage the UNUSUAL EVENT.	TAB B	12
Manage the ALERT EMERGENCY.	TAB C	10
Manage the SITE AREA EMERGENCY.	TAB D	12
Manage the GENERAL EMERGENCY.	TAB E	9
Manage the Security Threat or Event EAL series 16.	TAB G	1

SUPPORTING INFORMATION:

TAB:

Emergency Telephone Instructions	TAB 1
Emergency Organization	TAB 2
Brief Non-Technical Description of EAL's	TAB 3
Emergency Classification	TAB 4
Public Protective Action Recommendation Guide	TAB 5
PPL Emergency Personnel Dose Assessment and Protective Action Recommendation (PAR) Guide	TAB 6
Personnel Accountability	TAB 7
Restoration Organization Guidelines	TAB 8
Emergency Forms	TAB 9
o Potassium Iodine (KI) Tracking Form	
o Emergency Notification Report	
o Protective Action Recommendation Form	
o Protective Action Recommendation State Notification Form	

REFERENCES:

ICRP Publication 28, The Principles and General Procedures for Handling Emergency and Accidental Exposures of Workers. International Commission on Radiation Protection. (1978)

NCRP Report 39, Basic Radiation Protection Criteria, National Council on Radiation Protection and Measurements. (1971)

NCRP Report 55, Protection of the Thyroid Gland in the Event of Releases of Radioiodine, National Council on Radiation Protection and Measurements. (1977)

SSES Emergency Plan Environmental Protection Agency Manual of Protective Action Guides and Protective Actions for Nuclear Incidents. (1979)

NDAP-QA-1190, Nuclear Department Radiation Protection Program and Policies

NDAP-QA-1191, ALARA Policy and Program

IE Notice, 83-28

NUMARC Graded Response Study

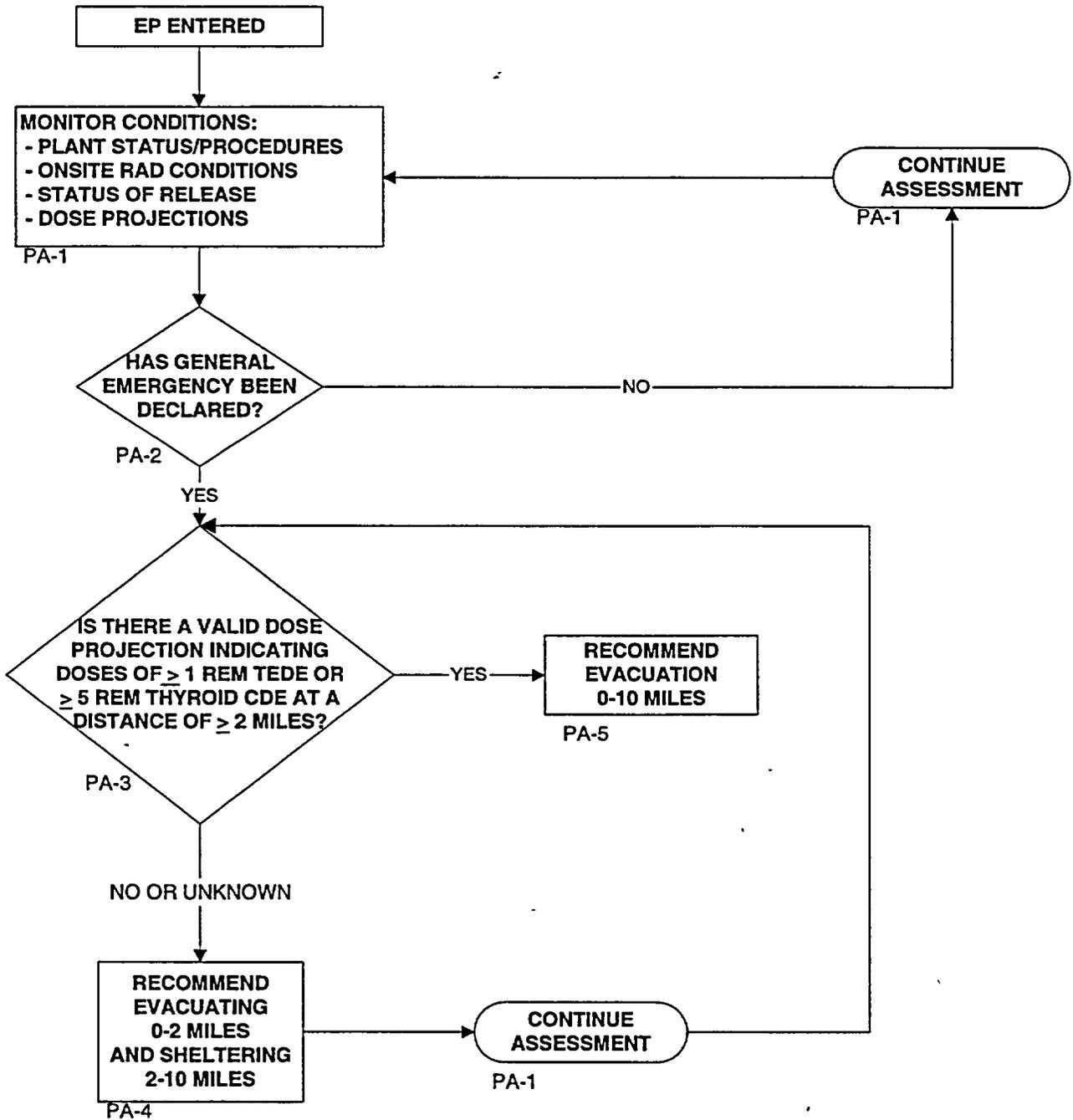
NUREG-0654, Planning Standards and Evaluation Criteria

NUREG-0731, Guidelines for Utility Management Structure and Technical Resources, September 1980

SP-00-308, Emergency Medical Response, Search/Rescue

Letter dated February 25, 2002, from Samuel J. Collins, Director, Office of Nuclear Reactor Regulations, to Robert G. Byram, Senior Vice President and Chief Nuclear Officer.

PAR AIRBORNE RELEASES



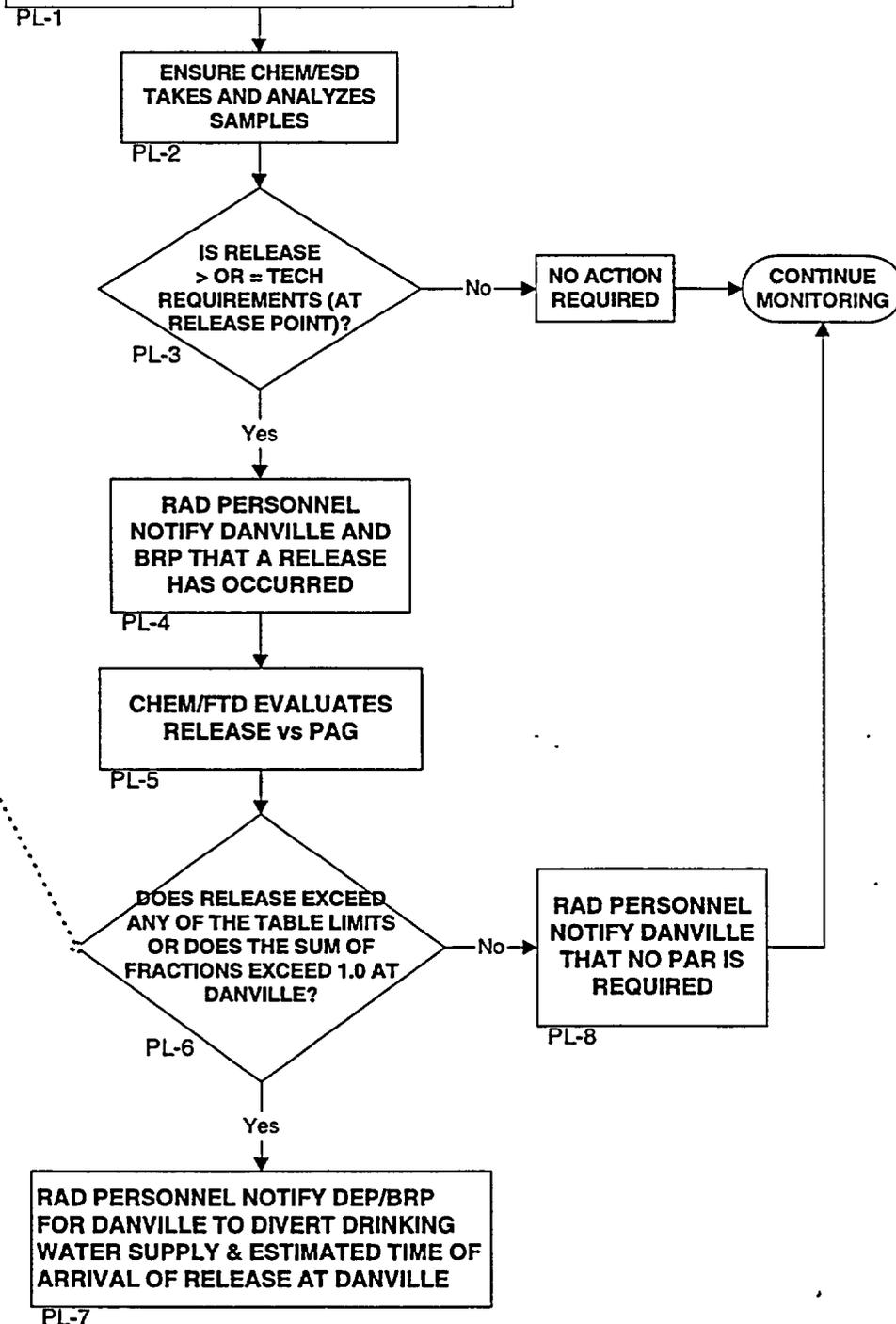
NOTES:

1. PA-# CAN BE USED TO REFER TO SECTION 4.1 OF THE PROCEDURE FOR MORE DETAILED INFORMATION ON THE ACTION TO BE TAKEN.
2. DOSE PROJECTIONS DO NOT INCLUDE DOSE ALREADY RECEIVED.
3. TEDE - WHOLE BODY (TEDE) IS THE SUM OF EFFECTIVE DOSE EQUIVALENT RESULTING FROM EXPOSURE TO EXTERNAL SOURCES THE COMMITTED EFFECTIVE DOSE EQUIVALENT (CEDE) FROM ALL SIGNIFICANT INHALATION PATHWAYS AND THE DOSE DUE TO GROUND DEPOSITION.
4. CDE - COMMITTED DOSE EQUIVALENT TO THE CHILD THYROID.

PAR LIQUID RELEASES

ENTRY:
INDICATIONS OF A POTENTIAL LIQUID RELEASE
- UNISOLABLE RADWASTE TANK RELEASE
- LEAK TO COOLING TOWER BASIN
- LEAK TO SPRAY POND

RADIONUCLIDE	Isotopic Limit (uCi/ml)
Ag-110m	1.1E-6
As-76	7.2E-7
Ba-140	1.1E-6
Ce-141	3.6E-6
Co-58	1.1E-4
Co-60	1.2E-6
Cr-51	7.2E-5
Cs-134	2.4E-4
Cs-137	2.4E-6
Fe-55	2.4E-5
Fe-59	2.4E-6
H-3	2.4E-4
I-129	1.2E-8
I-131	3.6E-8
La-140	7.2E-7
Mn-54	3.6E-6
Mo-99	7.2E-6
Na-22	4.8E-6
Nb-95	3.6E-6
Ni-59	3.6E-6
Ni-63	6.0E-7
P-32	3.6E-7
Ru-103	2.4E-6
Ru-106	3.6E-7
Sb-124	7.2E-7
Sb-125	3.6E-6
Sr-89	2.4E-7
Sr-90	9.6E-8
Tc-99m	1.1E-5
Y-90	7.2E-7
Zn-65	3.6E-6
Zr-95	2.4E-6



NOTES:

1. PL-# CAN BE USED TO REFER TO SECTION 4.2 OF THE PROCEDURE FOR MORE DETAILED INFORMATION ON THE ACTION TO BE TAKEN.
2. CALLS TO DANVILLE ARE COURTESY INFORMATION CALLS ONLY. PROTECTIVE ACTION RECOMMENDATION CALLS MUST BE MADE BY DEP/BRP.

PUBLIC PROTECTIVE ACTION RECOMMENDATION GUIDE

AIRBORNE RELEASES

PA-1 MONITOR CONDITIONS FOR PAR APPLICATION

The following conditions should be continuously evaluated to determine if a PAR should be implemented or changed:

- Plant status and prognosis for changes in conditions
- Onsite radiological conditions
- Status of actual or potential radioactive releases
- Offsite dose projections or actual offsite radiological conditions
- Escalation in Emergency Classification (i.e., General)

(Go to PA-2)

PA-2 HAS A GENERAL EMERGENCY BEEN DECLARED?

- YES** - If a GENERAL EMERGENCY has been declared, a PAR must be made within 15 minutes of the emergency declaration. The PAR requirement is found in NUREG-0654. (Go to PA-3)
- NO** - If a GENERAL EMERGENCY has not been declared, continue to monitor plant status, parameter trends, and prognosis for termination or escalation of the event. (Go to PA-1)

PA-3 IS THERE A VALID DOSE PROJECTION INDICATING DOSES OF ≥ 1 REM TEDE OR ≥ 5 REM CDE CHILD THYROID AT A DISTANCE OF > 2 MILES?

- YES** – If the projected doses at 2 miles are ≥ 1 REM TEDE or ≥ 5 REM CDE child thyroid, then full evacuation (0-10 miles) is recommended.

(Go to PA-5)

- NO/UNKNOWN** – (Go to PA-4)

**PA-4 RECOMMEND EVACUATION 0-2 MILES; SHELTER
2-10 MILES**

Limited Evacuation (0-2 miles) and sheltering is appropriate for events that are significant enough to cause a General Emergency classification and dose projections are low, unknown, or below full evacuation guidelines.

PA-5 EVACUATE 0-10 MILES

Full evacuation of members of the general public is recommended at this point based on the emergency classification and dose projections.

LIQUID

PL-1 ENTRY

This section is entered when there are indications of a potential radioactive liquid release.

Indications of potential releases include:

- an unisolable radwaste tank release.
- leaks to cooling tower basin
- leak to spray pond

(Go to PL-2)

PL-2 CHEMISTRY/ENVIRONMENTAL SAMPLING DIRECTOR (ESD) TAKES AND ANALYZES SAMPLE

(Go to PL-3)

PL-3 IS RELEASE \geq TECHNICAL REQUIREMENTS LIMITS (AT THE RELEASE POINT)?

- YES** - Releases are at or greater than Technical Requirements limits when Chemistry determines that the limits are exceeded based on methodologies described in the ODCM and applicable Chemistry procedures.
- NO** - If the release is < Technical Requirements limits, then no notifications are required and monitoring should continue.

(Go to PL-4)

PL-4 RAD PERSONNEL NOTIFY DANVILLE AND BRP THAT A RELEASE HAS OCCURRED

Depending on which facility is activated, the notification to Danville and BRP will be made by the RPC (TSC) or the Radiological Liaison (EOF).

DO NOT MAKE ANY PROTECTIVE ACTIONS RECOMMENDATIONS AT THIS TIME.

PL-5 CHEM/FTD EVALUATES RELEASE VERSUS PAGs

The results of the sample analysis are compared to the PAGs for radionuclides in drinking water. The analysis calculates the expected concentration at Danville, taking into account the dilution afforded by the river.

PL-6 DOES RELEASE EXCEED PAGs (AT DANVILLE)?

- YES** - If a single isotope exceeds the PAG or the sum of the fractions exceeds 1.0, then a protective action recommendation should be made for Danville to **DIVERT** its **DRINKING WATER** supply to a backup supply until the release has passed.

(Go to PL-7)

- NO** - If the PAGs are not exceeded, monitoring should continue and the State should be notified that no PAR for the liquid release is required. **(Go to PL-8)**

PL-7 RAD PERSONNEL NOTIFY DEP/BRP OF PAR

Depending on which facility is activated, the PAR notification to DEP/BRP will be made by the RPC (TSC) or the Radiological Liaison (EOF). **The PAR FORM shall be used to document the PAR.**

DO NOT COMMUNICATE THE PROTECTIVE ACTION RECOMMENDATION TO DANVILLE. THE DEP/BRP IS RESPONSIBLE FOR THIS COMMUNICATION.

PL-8 RAD PERSONNEL NOTIFY DEP/BRP

No PAR is required. Depending on which facility is activated, the RPC (TSC) or the Radiological Liaison (EOF) shall notify DEP/BRP that no PAR is required.

PROTECTIVE ACTION RECOMMENDATION STATE NOTIFICATION FORM

- THIS IS A DRILL THIS IS NOT A DRILL

(This form is to be used to communicate PPL's Protective Action to the senior state official at 717-651-2148.)

1. This is _____ of the Susquehanna Steam Electric Station.
(Fill in your name)

2. I am the: Emergency Director at the Susquehanna SES Control Room
 Emergency Director at the Technical Support Center
 Recovery Manager at the Emergency Operations Facility

3. I am about to provide a Protective Action Recommendation. Do I have the Senior State Official on the line?
Name _____

4. A General Emergency has been declared as of _____.

5. This declaration was made due to:

6. The PPL Susquehanna Protective Action Recommendation is:

- Evacuate 0-10 miles
 Evacuate 0-2 miles and shelter 2-10 miles
 Divert Danville drinking water supply from the Susquehanna River
 Evacuate beyond 10 miles (specify distance _____)

7. Date/Time: _____

Affected Unit _____

Control No. _____

**PROTECTIVE ACTION RECOMMENDATION FORM
SUSQUEHANNA STEAM ELECTRIC STATION**

This is a Drill This is **NOT** a Drill Preparer: _____

The EMERGENCY CLASSIFICATION is:

Unusual Event Alert Site Area Emergency General Emergency

Basis: EAL # _____

This represents:

Initial Classification Escalation Reduction No Change in the Classification Status

Emergency Action(s) implemented onsite:

None Evacuation of non-essential personnel
 Local Area Evacuation KI to onsite personnel
 Site Accountability Other _____

Bases: _____

The PROTECTIVE ACTION RECOMMENDATION is:

<input type="checkbox"/> No Protective Action Recommendation Required	
<input type="checkbox"/> Evacuate 0-2 miles and Shelter 2-10 miles	<input type="checkbox"/> Relocation
<input type="checkbox"/> Evacuate 0-10 miles	<input type="checkbox"/> Control of Access
<input type="checkbox"/> Divert Danville Drinking Water*	<input type="checkbox"/> Contamination Controls/Decon
	<input type="checkbox"/> Other

*Expected arrival of release at Danville: _____

This represents: Initial Change No Change in the Protective Action Recommendation

The BASIS for the Protective Action Recommendation is:

Plant Status

Radioactive Release: Monitored Unmonitored

Status	Airborne	Liquid
< Tech Requirements Limit (Routine)	<input type="checkbox"/>	<input type="checkbox"/>
≥ Tech Requirements Limit (Event Related)	<input type="checkbox"/>	<input type="checkbox"/>

Note: TRM Limits ($\mu\text{Ci}/\text{min}$): Noble Gas $8.51\text{E}+5$; Iodine $1.04\text{E}+2$; Particulate $7.72\text{E}+2$
(Airborne releases)

Data measured in the field confirm release rate estimations: Yes No

Weather Conditions: Wind Speed _____ Wind Direction _____

Dose Projections: TEDE > 1 rem or thyroid CDE > 5 rem at 2 miles
 TEDE > 1 rem or thyroid CDE > 5 rem at EPB
 TEDE \leq 1 rem and thyroid CDE \leq 5 rem at EPB

Other:

Approval: _____ **Date/Time:** _____

Emergency Director or Recovery Manager approval required if change in Classification or Protective Action Recommendation.
RPC or DASU approval if no change in the Classification or Protective Action Recommendation.

Transmittal: Verbal Electronic Both

Communicated To:

_____ _____ _____
NAME AGENCY DATE/TIME

MAJOR TASK:

Classify the emergency as conditions indicate.

SPECIFIC TASKS:

HOW:

- | | |
|---------------------------------|--|
| 1. Evaluate information. | 1a. Obtain updated information from:
(1) STA for rad release _____
(2) US for plant status. _____
(3) US/AUS for status of _____
Damage Control Teams
and plant rad conditions.
(4) SCC for security events. _____ |
|---------------------------------|--|

2. **Choose most appropriate Emergency Classification level from Emergency Classification Matrix.**

HELP

Emergency Classifications
 See TAB 4

3. **Manage all Security EAL's.**

3a. Go to Tab "G."

4. **Immediately go to appropriate classification TAB for all other EALs.**

4a. **"EMERGENCY CLASSIFICATION LEVELS"**

UNUSUAL EVENT	TAB "B"	_____
ALERT	TAB "C"	_____
SITE AREA	TAB "D"	_____
GENERAL	TAB "E"	_____

5. **If a release is in progress, but the criteria for entry to an emergency classification is not exceeded, initiate off-site Dose Calculations.**

5a. Notify HP at Unit 2 Control Point. Request that OSCAR and a Dose Calculator report to the Control Room. _____

MAJOR TASK:

Manage the UNUSUAL EVENT.

SPECIFIC TASKS:

HOW:

1. Document and communicate the Emergency Classification.

1a. Announce to Control Room personnel:

(1) You are assuming the duties of Emergency Director. _____

(2) Emergency classification. _____

(3) Time of classification. _____

1b. Appoint a Control Room Communicator and instruct him to immediately perform EP-PS-126 CR Communicator. _____

1c. Have the Control Room Communicator perform Local Evacuation/Radiologically Controlled Area Evacuation. If warranted, consider accountability. _____

1d. If a radiological release is in progress, complete the Protective Action Recommendation Form. _____

HELP

**Public Protective Action Recommendation
Guide Form
See TAB 5**

2. Generate and approve forms transmitted by the Control Room Communicator.

2a. Generate and approve the following:

(1) Emergency Notification Report _____

(2) Protective Action Recommendation Form _____

2b. Verbal approval required for Press Releases. _____

SPECIFIC TASKS:	HOW:
3. Notify the Duty Manager/Emergency Director of Emergency Event(s).	3a. Reference the "On-Call Roster" for pager and telephone numbers.
	3b. Ensure the Control Room Communicator notifies the SCC, (X 3114), to page key managers.
4. Direct US or AUS to assume responsibility of OSC Coordinator per EP-PS-132.	4a. US or AUS notified to assume OSC responsibilities. _____
5. Manage the emergency.	5a. Establish priorities and monitor: (1) Plant Status _____ (2) Plant priorities _____ (3) Corrective actions _____ (4) Radiological releases _____
6. Initiate emergency medical response, search and rescue when required.	6a. Reference SP-00-308 (Emergency Medical Response, Search/Rescue) _____
7. If radiological release is suspected/in progress, initiate off-site dose calculations.	7a. Notify HP Dose Calculator that off-site dose calculations are required.
8. When contacted, brief the PUBLIC INFO. MANAGER, (if time permits).	8a. Brief the PIM on: (1) Plant status (2) Radiological condition (3) Emergency Classification Level

SPECIFIC TASKS:

HOW:

9. If plant conditions change **reclassify** emergency and enter appropriate tab for classification level.
 - **FOR UPGRADING EMERGENCY**
 ALERT TAB "C"
 SITE AREA TAB "D"
 GENERAL TAB "E"

HELP Emergency Classifications See TAB 4

10. IF a decision to downgrade or terminate the emergency is made, perform the following:

- 10a. Confirm with (if possible):
 (1) VP-Nuclear Operations _____
 (2) Duty Manager _____
 (3) NRC (optional for UE) _____
 (4) DEP/BRP (optional for UE) _____
- 10b. Obtain approval from Senior Management prior to implementation. _____

11. Emergency termination:
 (1) **Return OPS** to normal organization.

- 11a. (1) Instruct OSC Coordinator to recall all teams for debriefing. _____
 (2) Deactivate OSC. _____
 (3) Instruct STA to collect and organize paperwork for reconstructing the emergency and its management. _____

MAJOR TASK:

Manage the ALERT EMERGENCY.

SPECIFIC TASKS:

HOW:

- | | | | |
|----|---|-----|---|
| 1. | Document and communicate the Emergency Classification. | 1a. | Announce to Control Room personnel:
(1) You are assuming the duties of Emergency Director. _____
(2) Emergency classification. _____
(3) Time of classification. _____ |
| | | 1b. | Appoint a Control Room Communicator and instruct him to immediately perform EP-PS-126 CR Communicator. _____ |
| 2. | Generate and approve forms transmitted by the Control Room Communicator. | 2a. | Generate and approve the following::
(1) Emergency Notification Report _____
(2) Protective Action Recommendation Form _____ |
| | | 2b. | Verbal approval required for Press Releases. _____ |
| 3. | Direct US/AUS to assume responsibility of OSC Coordinator per EP-PS-132. | 3a. | US/AUS notified to assume OSC responsibilities. _____ |
| 4. | Manage the emergency until relieved by TSC Emergency Director. | 4a. | Establish priorities and monitor:
(1) Plant Status _____
(2) Plant priorities _____
(3) Corrective actions _____
(4) Radiological releases _____ |
| 5. | Initiate emergency medical response, search and rescue when required. | 5a. | Reference SP-00-308 (Emergency Medical Response, Search/Rescue) _____ |
| 6. | Initiate Core Damage Assessment. | 6a. | Notify OSC Coordinator to obtain a Rx Coolant sample. _____ |

SPECIFIC TASKS:

HOW:

7. If Rad release is suspected/in progress, initiate off-site dose calculations.
8. When contacted, **brief** the following managers of events:
 - Duty Manager
 - Public Info Manager (If time permits)
9. If plant conditions change **reclassify** emergency and enter appropriate tab for classification level.
 - For DOWNGRADING Emergency
 UNUSUAL TAB "B"
 EVENT
 - For UPGRADING Emergency:
 SITE AREA TAB "D"
 GENERAL TAB "E"

- 7a. **Notify** OSC Coordinator that off-site dose calculations are required. _____
- 8a. Brief Managers on:
 (1) Plant status
 (2) Radiological condition
 (3) Emergency Classification Level

HELP

Emergency Classifications
 See TAB 4

10. IF a decision to downgrade or terminate the emergency is made, perform the following:
11. **Transfer** Emergency Management duties to TSC Emergency Director.

- 10a. Confirm with (if possible):
 (1) VP-Nuclear Operations _____
 (2) Duty Manager _____
 (3) NRC (optional for UE) _____
 (4) DEP/BRP (optional for UE) _____
- 10b. Obtain approval from Senior Management prior to implementation. _____
- 11a. Review the following with TSC Emergency Director:
 (1) Classification of Emergency _____
 (2) Radiological conditions in-plant/offsite/projected _____
 (3) Priorities and corrective actions taken _____
 (4) Plant status _____
 (5) Offsite Notifications (PAR's - TAB 5) _____

SPECIFIC TASKS:

HOW:

12. Emergency Termination
(1) Return Ops to normal organization
OR
(2) Recommend creating a restoration organization

- 12a. (1) Instruct OSC Coordinator to recall all teams for debriefing. _____
(2) Deactivate OSC _____
(3) Instruct STA to collect and organize paperwork for reconstructing the emergency and its management. _____

- 12b. Recommend to TSC Emergency Director or Recovery Manager to establish a restoration organization
- See TAB 8 "Restoration Organization Guide"

HELP

**Restoration Organization Guidelines
See TAB 8**

MAJOR TASK:

Manage the SITE AREA EMERGENCY.

SPECIFIC TASKS:

HOW:

1. Document and communicate the Emergency Classification.

1a. Announce to Control Room personnel:

- (1) You are assuming the duties of Emergency Director. _____
- (2) Emergency classification. _____
- (3) Time and date of classification. _____

1b. Appoint a Control Room Communicator and instruct him to immediately perform EP-PS-126 CR Communicator. _____

2. Generate and approve forms transmitted by the Control Room Communicator.

2a. Generate and approve the following:

- (1) Emergency Notification Report _____
- (2) Protective Action Recommendation Form _____

3. Consider the need for emergency exposure considerations/KI tablet issuance.

HELP

PPL Emergency Personnel Dose Assessment and Protective Action Recommendation Guide
 See TAB 5

4. Direct AUS to assume responsibility of OSC Coordinator per EP-PS-132.

4a. AUS notified to assume OSC responsibility. _____

5. Manage the emergency until relieved by TSC Emergency Director.

5a. Establish priorities and monitor:

- (1) Plant Status _____
- (2) Plant priorities _____
- (3) Corrective actions _____
- (4) Radiological releases _____

SPECIFIC TASKS:

HOW:

6. **Initiate** emergency medical response, search and rescue when required.

6a. Reference SP-00-308
 (Emergency Medical Response, Search/Rescue) _____

7. **Initiate** Core Damage Assessment.

7a. Notify OSC Coordinator to obtain a Rx Coolant sample. _____

8. If Rad release suspected/in progress, **initiate** off-site dose calculations.

8a. Notify OSC Coordinator that off-site dose calculations required. _____

9. When contacted, **brief** the following managers of events:
 - Duty Manager
 - Recovery Manager
 - Public Info Manager (if time permits)

9a. Brief Managers on:
 (1) Plant status
 (2) Radiological condition
 (3) Emergency classification level

10. If plant conditions change **reclassify** emergency and enter appropriate tab for classification level:

- For DOWNGRADING emergency:
 UNUSUAL EVENT TAB "B"
 ALERT TAB "C"
- For UPGRADING emergency:
 GENERAL TAB "E"

HELP

Emergency Classifications
See TAB 4

11. If conditions indicate that the emergency can be downgraded or terminated, provide a recommendation to the TSC/ED or EOF/RM as appropriate.

12. **Transfer** Emergency Management duties to TSC Emergency Director.

123a Review the following with TSC Emergency Director:

- (1) Classification of Emergency _____
- (2) Radiological conditions in-plant/offsite/projected _____
- (3) Priorities and corrective actions taken _____
- (4) Plant status _____
- (5) Offsite Notifications _____

SPECIFIC TASKS:

HOW:

	12b.	Announce to Control Room personnel - TSC has control of emergency - when transfer is complete.	_____
13. Emergency Termination			
(1) Return Ops to normal organization	13a. (1)	Instruct OSC Coordinator to recall all teams for debriefing.	_____
OR	(2)	Deactivate OSC	_____
(2) Recommend creating a restoration organization	(3)	Instruct STA to collect and organize paperwork for reconstructing the emergency and its management.	_____

HELP

Restoration Organization Guidelines
See TAB 8

MAJOR TASK:

Manage the GENERAL EMERGENCY.

SPECIFIC TASKS:

HOW:

1. Document and communicate the Emergency Classification.

1a. Announce to Control Room personnel:

(1) You are assuming the duties of Emergency Director. _____

(2) Emergency classification. _____

(3) Time and date of classification. _____

1b. Appoint a Control Room Communicator and instruct him to immediately perform EP-PS-126 CR Communicator. _____

HELP

**Protective Action
Recommendation Form
See TAB 9**

2. When General Emergency declared **make** Protective Action Recommendation (PAR) within 15 minutes.

2a. Go to TAB 5 "Public Protective Action Recommendation Guide" _____

2b. Choose appropriate PAR. _____

2c. Shift Manager shall notify the Senior State Official, using the PAR State Notification Form, at 717-651-2148. _____

HELP

**Protective Action Recommendation
State Notification Form
See TAB 9**

SPECIFIC TASKS:

HOW:

3. Generate and approve forms transmitted by the Control Room Communicator.

3a. Generate and approve the following:
 (1) Emergency Notification Report _____
 (2) Protective Action Recommendation Form _____

3b. Verbal approval required for Press Releases. _____

4. Communicate the need for employee emergency exposure considerations/KI tablet issuance.

NOTE:
 Twelve vials of Potassium Iodide, (KI), are stored in the cabinet outside the Control Room kitchen area and one hundred vials are stored in the Health Physics Instrument Shop.

HELP

**PPL Emergency Personnel Dose Assessment
 And Protective Action Recommendation
 Guide
 See TAB 6**

5. Direct US/AUS to assume responsibility of OSC Coordinator per EP-PS-132.

5a. AUS notified to assume OSC responsibilities. _____

6. Manage the emergency until relieved by TSC Emergency Director.

6a. Monitor and obtain updates on:
 (1) Plant Status _____
 (2) Plant priorities _____
 (3) Corrective actions _____
 (4) Radiological releases _____

7. Initiate emergency medical response, search and rescue when required.

7a. Reference SP-00-308 (Emergency Medical Response, Search/Rescue) _____

8. Initiate Core Damage Assessment.

8a. Notify OSC Coordinator to obtain a Rx Coolant sample. _____

SPECIFIC TASKS:

HOW:

9. If Rad release suspected/in progress, initiate off-site dose calculations.

9a. Notify HP Dose Calculator/OSC that off-site dose calculations required. _____

10. When contacted, brief the following managers of events:
 - Duty Manager
 - Recovery Manager
 - Public Info Manager (if time permits)

10a. Brief Manager on:
 (1) Plant status
 (2) Radiological condition
 (3) Emergency classification level

11. If plant conditions change reclassify emergency and enter appropriate tab for classification level:

- For DOWNGRADING emergency:
 UNUSUAL EVENT TAB "B"
 ALERT TAB "C"
 SITE AREA TAB "D"

HELP

Emergency Classifications
See TAB 4

12. If conditions indicate that the emergency can be downgraded or terminated, provide a recommendation to the TSC/ED or EOF/RM as appropriate.

13. Transfer Emergency Management duties to TSC Emergency Director.

13a. Review the following with TSC Emergency Director:

- (1) Classification of Emergency _____
- (2) Radiological conditions in-plant/offsite/projected _____
- (3) Priorities and corrective actions taken _____
- (4) Plant status _____
- (5) Offsite Notifications _____

SPECIFIC TASKS:

HOW:

14. Emergency Termination
(1) **Return** Ops to normal organization
OR
(2) **Recommend** creating a restoration organization

- 14a. Instruct STA to collect and organize paperwork for reconstructing the emergency and its management.

HELP

Restoration Organization Guidelines
See TAB 8

MAJOR TASK:

Manage Site Specific Security Threat or Event EAL series 16.

SPECIFIC TASKS:

HOW:

- | | | | |
|----|--|-----|--|
| 1. | Determine , document, and communicate emergency classification. | 1a. | Determine classification based on EAL. _____ |
| | | 1b. | Determine appropriate actions based on guidance in this tab. _____ |
| | | 1c. | Announce to Control Room personnel:
(1) I am assuming duties of Emergency Director. _____
(2) Emergency Classification is _____.
(3) Time of classification is _____.
_____ |
| | | 1d. | Generate and approve ENR and PAR forms to be transmitted by the Control Room Communicator. _____ |
| | | 1e. | Appoint Control Room Communicator. _____ |
| 2. | If security declares condition 4, site specific <u>CREDIBLE</u> threat. | 2a. | Have Communicator enter EP-PS-126, Tab F. _____ |
| | | 2b. | Activate <u>ALTERNATE NERO</u> per Task 9. _____ |
| | | 2c. | Evacuate site, initiate accountability per Task 10. _____ |
| | | 2d. | Implement Tab B (at Task 4). _____ |
| 3. | If security declares condition 4, site specific <u>CREDIBLE INSIDER</u> threat. | 3a. | Have Communicator enter EP-PS-126, Tab F. _____ |
| | | 3b. | Activate <u>ALTERNATE NERO</u> per Task 9. _____ |

SPECIFIC TASKS:	HOW:	
	3c. Evacuate site, initiate accountability per Task 10.	_____
	3d. Activate two-man rule per Task 11.	_____
	3e. Implement Tab B (at Task 4).	_____
4. If security declares condition 4, site specific <u>CREDIBLE IMMINENT</u> threat.	4a. Have Communicator enter EP-PS-126, Tab F.	_____
	4b. Activate <u>ALTERNATE NERO</u> per Task 9.	_____
	4c. Evacuate site, initiate accountability per Task 10.	_____
	4d. Implement Tab C (at Task 3).	_____
5. If security declares condition 4, site specific <u>CREDIBLE IMMINENT INSIDER</u> threat.	5a. Have Communicator enter EP-PS-126, Tab F.	_____
	5b. Activate <u>ALTERNATE NERO</u> per Task 9.	_____
	5c. Evacuate site, initiate accountability per Task 10.	_____
	5d. Activate two-man rule per Task 11.	_____
	5e. Implement Tab C (at Task 3).	_____
6. If security enters code Blue, Red, or Black.	6a. Declare appropriate emergency classification.	_____
	6b. Enter appropriate Tab C, D, or E.	_____
7. For any act of sabotage.	7a. Review security EAL series 16.	_____
	7b. Declare appropriate Emergency Classification.	_____

SPECIFIC TASKS:

HOW:

SPECIFIC TASKS:	HOW:
	7c. Enter appropriate Tab B, C, D, or E. _____
8. If Security declares other actual security condition 2/4/5.	8a. Review event with security. _____
	8b. Declare emergency classification if required. _____
	8c. Enter appropriate Tab B, C, D, or E. _____
9. Activate ALTERNATE NERO (all on-call to EOF) when specified by Task 2, 3, 4, or 5.	9a. Activate 99999 page. _____
	(1) Obtain password from SM key locker. _____
	(2) Dial 1-570-440-1014. _____
	(3) When prompted, enter password XXXX. _____
	(4) When prompted (voice or rapid three tone signal), enter "99999." _____
	(5) Return password to SM key locker. _____
	9b. Instruct Security to: _____
	(1) Validate "99999" pager activation. _____
	(2) Activate the NERO using TNS. _____
10. Evacuate non-essential personnel from site and initiate accountability when specified in Task 2, 3, 4, or 5.	10a. Make page announcement twice: "Attention all personnel, a security emergency has been declared. All non-essential personnel evacuate the site, NERO personnel report to the Emergency Operations Facility." _____
	10b. Repeat 10a. in five minutes. _____
	10c. Initiate accountability in about fifteen minutes or when evacuation is determined complete. _____

SPECIFIC TASKS:

HOW:

11. **Activate** two-person rule for vital area access when specified by Task 3 or 5 as personnel become available unless doing so will adversely impact personnel or plant or security as determined by the SSS or SM.

11a. **Call-out** complete second shift of personnel:

- (1) Operations. _____
- (2) Chemistry _____
- (3) Health Physics _____
- (4) Security _____

11b. **Establish** two-person teams (line of sight)

- (1) Instruct Unit Supervisor and OSC Coordinator to establish two-person teams. _____
- (2) Instruct Security to establish two-man teams at gatehouse for facility access. _____
- (3) Instruct Accountability Area Leaders to establish two-person teams to report to the TSC. _____