

Insert Instructions

- (1) Remove pages 3.8-1 thru 3.8-3
Insert attached pages 3.8-1 thru 3.8-3
Insert ERPIP 3.8 Review/Approval page in back of section 3.8
- (2) Remove pages 3.9-1 thru 3.9-3
Insert attached pages 3.9-1 thru 3.9-3
Insert attached 3.9 Review/Approval page in back of section 3.9
- (3) Remove pages 3.10-1 thru 3.10-3
Insert attached pages 3.10-1 thru 3.10-3
Insert attached 3.10 Review/Approval page in back of section 3.10
- (4) Remove pages 4.1.17-1 thru 4.1.17-4
Insert attached pages 4.1.17 thru 4.1.17-4
Insert attached 4.1.17 Review/Approval page in back of section 4.1.17
- (5) Remove pages 4.3.1-7 and 4.3.1-8
Insert attached pages 4.3.1-7 and 4.3.1-8
Remove 4.3.1 Review/Approval page
Insert attached 4.3.1 Review/Approval page
- (6) Remove pages B.2-68 thru B.2-71
Insert attached pages B.2-68 thru B.2-71
- (7) Remove B.2 Review/Approval page and B.2 List of Effective Pages in
back of section B.2
Insert attached B.2 Review/Approval page and B.2 List of Effective Pages
in back of section B.2.

TITLE: IMMEDIATE ACTION - ALERT

RESPONSIBLE INDIVIDUAL: SITE EMERGENCY COORDINATOR (SEC)

1.0 Sound a 5 second burst of the emergency alarm.

Notify personnel over P.A. system:

- a. "An ALERT Exists"
- b. "All personnel report to your designated assembly area."
- c. (If Radiological Event exists)" Radiological Assessment Director Report to the Control Room."
- d. Give specific information for emergency condition.

If a drill, state "THIS IS A DRILL."

Repeat this step again.

Emergency Alarm Sounded and Message Announced
and Repeated:

/
_____ Initials Time

2.0 If Radiological Event exists, direct RAD to implement ERPIP 3.6, Section 4.2 thru 4.5.

3.0 Establish and maintain communications with personnel at the scene of the accident.

- NOTE -

If a fire, the Site Emergency Coordinator will direct members of the Emergency Fire Team to the control room or the scene of the fire, as appropriate.

4.0 Ensure that the INITIAL NOTIFICATION CHECKLIST, EXHIBIT 3.1-A, is properly completed carefully considered and communicated within 15 minutes of declaration of the ALERT. (Ref. ERPIP 4.2)

-NOTE-

Telephone Numbers and Communications Channels are in ERPIP Appendix A. Follow-up communications shall be made periodically after initial notification until termination of the emergency.

Notifications Initiated:

/
_____ Initials Time

12.0 Reclassify (upgrade or downgrade) as determined by repeated assessments or terminate and notify emergency personnel of changes. (check as appropriate):

- Reclassified to Unusual Event ()
- Site Emergency ()
- General Emergency ()
- Terminated ()

_____/_____
Initials Time

13.0 If emergency is terminated, consider recommending to offsite agencies to announce "All clear over Emergency Broadcast System."

- Agencies contacted () Yes
- () No

_____/_____
Initials Time

TITLE: IMMEDIATE ACTION - SITE EMERGENCY

RESPONSIBLE INDIVIDUAL: SITE EMERGENCY COORDINATOR (SEC)

1.0 Sound a 5 second burst of the emergency alarm.

Notify personnel over P.A. System:

- a. "A SITE EMERGENCY EXISTS."
- b. "All personnel report to your designated assembly area."
- c. "Radiological Assessment Director Report to the Control Room."
- d. Give specific information for emergency condition.

If a drill, state "THIS IS A DRILL."

Repeat this step again.

Emergency Alarm Sounded and Message Announced
and repeated:

_____/_____
Initials Time

2.0 Direct RAD to implement ERPIP 3.6, Section 4.2 thru 4.5.

3.0 Ensure that the INITIAL NOTIFICATION CHECKLIST, EXHIBIT 3.1-A, is properly completed, carefully considered and communicated within 15 minutes of declaration of SITE EMERGENCY.

-NOTE-

Telephone Numbers and Communications Channels are in ERPIP Appendix A. Follow-up communications shall be made periodically after initial notification until termination of the emergency.

Notifications Initiated:

_____/_____
Initials Time

4.0 Direct the Emergency Communicator to activate the personnel recall paging system for pager codes 11, 22, 33, 44 and 55 (ref. ERPIP 5.1, Exhibit 5.1-B, section 4 for system operation).

Pager System Activated:

_____/_____
Initials Time

5.0 If an uncontrolled radiation release has occurred or may occur, direct primary or alternate RPD and RAD to implement their checklists.

RPD & RAD Consulted:

_____/_____
Initials Time

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1

13.0 Notify the Institute of Nuclear Power Operations (INPO) and American Nuclear Insurers (ANI) of emergency classification and event and request assistance if required. (See Appendix A.3 for phone numbers) check as appropriate:

INPO Notified ()

ANI Notified ()

_____/_____
Initials Time

14.0 Reclassify (upgrade or downgrade) as determined by repeated assessments or terminate and notify emergency personnel of changes. Check as appropriate:

Reclassified to Unusual Event ()

Alert ()

General Emergency ()

Terminated ()

_____/_____
Initials Time

15.0 If emergency is terminated, consider recommending to offsite agencies to announce "All clear over Emergency Broadcast System."

Agencies contacted () Yes
() No

_____/_____
Initials Time

TITLE: IMMEDIATE ACTION - GENERAL EMERGENCY

RESPONSIBLE INDIVIDUAL: SITE EMERGENCY COORDINATOR (SEC)

1.0 Sound a 5 second burst of the emergency alarm.

Notify personnel over P.A. System:

- a. "A GENERAL EMERGENCY EXISTS."
- b. "All personnel report to your designated assembly area."
- c. "Radiological Assessment Director Report to the Control Room."
- d. Give specific information for emergency condition.

If a drill, state "THIS IS A DRILL".

Repeat this step again.

Emergency Alarm Sounded and Message Announced
and Repeated:

_____/_____
Initials Time

2.0 Direct RAD to implement ERPIP 3.6, Section 4.2 thru 4.5.

3.0 Ensure that the INITIAL NOTIFICATION CHECKLIST, EXHIBIT 3.1-A is properly completed, carefully considered and communicated within 15 minutes of declaration of a GENERAL EMERGENCY.

-NOTE-

Telephone Numbers and Communications Channels are in ERPIP Appendix A. Follow-up communications shall be made periodically after initial notification until termination of the emergency.

Notifications Initiated:

_____/_____
Initials Time

4.0 If not accomplished during a lower emergency class:

- 4.1 Direct the Emergency Communicator to activate the personnel recall paging system for pager code 11,22,33,44 and 55 (ref. ERPIP 5.1, Exhibit 5.1-B, section 4 for system operation).

Pager System Activated:

_____/_____
Initials Time

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1

- 6.0 Notify the Institute of Nuclear Power Operations (INPO) and American Nuclear Insurers (ANI) of Emergency classification and request assistance if required. (See Appendix A.3 for Phone Nos).

Notifications have been made (check as appropriate):

INPO Notified

ANI Notified

_____/_____
Initials Time

- 7.0 Reclassify (upgrade or downgrade) as determined by repeated assessments or terminate and notify emergency personnel of changes.

Check as appropriate:

Reclassified to Unusual Event

Alert

Site Emergency

Terminated

_____/_____
Initials Time

- 8.0 If emergency is terminated, consider recommending to offsite agencies to announce "All clear over Emergency Broadcast System."

Agencies contacted Yes

No

_____/_____
Initials Time

TITLE: EMERGENCY SECURITY TEAM LEADER CHECKLIST

1.0 RESPONSIBLE INDIVIDUAL

The Emergency Security Team Leader is responsible to the Site Emergency Coordinator for the following:

- 1.1 To assist with access control and personnel accountability.
- 1.2 To maintain plant security in accordance with the Modified Amended Security Plan.
- 1.3 To direct onsite traffic control.
- 1.4 To assist in communications with State and local law enforcement agencies.

2.0 CONDITIONS AND PREREQUISITES

- 2.1 Declaration of an Alert, Site Emergency or General Emergency.
- 2.2 As directed by the Site Emergency Coordinator.

3.0 ACTIONS AND LIMITATIONS

(In the SAS at CCNPP South Guard House).

-NOTE-

Checklists are to be used as determined by the ESTL. Spaces for initials and times are to be utilized, as necessary, to clarify the status.

- 3.1 Record pertinent data on EXHIBIT 5.2-A, EMERGENCY ACTIONS FORM.
- 3.2 Interrogate the personnel pager recall answering system (ref. ERPIP 5.1, Exhibit 5.1-B, section 5 for system operation). Call Key Emergency Personnel listed in App A.1 (SEC & PS first) who have not responded to the pager recall system.

Key Emergency Personnel calling complete

_____/_____
Initials Time

- 3.3 Assign Emergency Security Team members to implement ERPIP 4.5.1 actions as necessary.

ERPIP 4.5.1 Initiated:

_____/_____
Initials Time

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1

3.6.7 All visitors are evacuated from the Visitor Center/Overlook through the check point, monitored, and their names and addresses are recorded in the EMERGENCY ACCOUNTABILITY FORM, EXHIBIT 4.1.21-A.

Visitors' Names Recorded: _____ / _____
Initials Time

3.6.8 Site areas not previously addressed in accountability procedures are searched and:

3.6.8.1 All Farm employees are directed to report to the Farm Demo Building for accountability.

3.6.8.2 A back-up report (or EMERGENCY ACCOUNTABILITY FORM, EXHIBIT 4.1.21-A) of the status of farm personnel is completed.

Report Written: _____ / _____
Initials Time

3.6.9 Send an appropriately qualified member of the Emergency Security Team to the Calvert County Emergency Operations Center in Prince Frederick to assist in providing communications to offsite agencies as directed by the SEC.

EST Member Sent: _____ / _____
Initials Time

3.7 Provide the Site Emergency Coordinator with a list of all personnel within the protected area within 30 minutes from the time the last assembly area is released for evacuation.

List Provided to SEC: _____ / _____
Initials Time

3.8 Direct Emergency Security Team Members to unlock all barriers restricting access to emergency equipment.

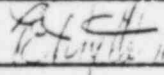
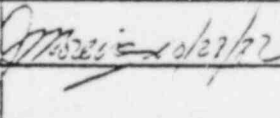
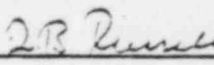
3.9 Provide personnel to launch the plant boat as directed by the SEC or if requested by the RAD.

Plant Boat Launched: () _____ / _____
Initials Time

Plant Boat Not Requested: () _____ / _____
Initials Time

3.10 Ensure that Security Team Members respond to alarms per ERPIP Appendix D.1, RESPONSE TO ALARMS.

ERPIP 4.1.17 REVIEW/APPROVAL

REVISION	CHANGE	REVIEWER SIG/ DATE	SUPERVISOR EPU SIG/DATE	POSRC MTG	PLANT SUPERINTENDENT /DATE
8	1	 10-27-82	 10/27/82	82-141	2B  11/5/82

3.9 Assist in coordination and augmentation of the state and local effort, as directed by the RAD.

State & Local Agencies Assisted:

_____/_____
Initials Time

3.10 Request further instructions from the RAD.

Further Instructions Requested: (document instructions on Exhibit 4.3.1-C).

_____/_____
Initials Time

3.11 If/when relieved by a new OFMT member, fully brief the member on the status of the surveys.

Relieved by _____

_____/_____
Initials Time

3.12 Turn in all records/checklists/logs/data to the RAD when relieved.

Records turned in _____

_____/_____
Initials Time

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2

CH
2

CALVERT CLIFFS NUCLEAR POWER PLANT

PROCESS AND AREA RADIATION MONITORS
(RADIATION MONITORING SYSTEM)

1. Air Particulate Monitors

a. Locations

- | | | |
|-------------------------|------------|----------|
| (1) Unit #1 Main Vent | U1-RE-5415 | Room 524 |
| (2) Unit #2 Main Vent | U1-RE-5415 | Room 526 |
| (3) Unit #1 Containment | | Room 224 |
| (4) Unit #2 Containment | | Room 203 |

b. Detector Scintillation 1-1/2" x 1" NaI(TL)

c. Shielding 4.5 inches of lead

d. Check Source 10 μ Ci Cs 137

e. Range 10^0 to 10^6 CPM

2. Radioactive Gas Monitors

a. Locations

- | | | |
|--------------------------------------|------------|--|
| (1) Unit #1 Main Vent | U1-RE-5415 | Room 524 |
| (2) Unit #2 Main Vent | U2-RE-5415 | Room 526 |
| (3) Unit #1 Containment | | Room 224 |
| (4) Unit #2 Containment | | Room 203 |
| (5) Unit #1 ECCS Pump Room Vent. Ex. | | Room 524 |
| (6) Unit #2 ECCS Pump Room Vent. Ex. | | Room 526 |
| (7) Gaseous Waste Discharge (inline) | | 69' Eval. Aux.
Bldg. By U-2
Containment
Personnel
Access |
| (8) Fuel Handling Area Vent. Ex. | | Room 524 |

CH.
1

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2

CALVERT CLIFFS NUCLEAR POWER PLANT

PROCESS AND AREA RADIATION MONITORS
(RADIATION MONITORING SYSTEM)

- | | | |
|---|-----------------|----------|
| (9) Unit #2 Blowdown Recovery Unit (inline) | Room 206 | CH.
1 |
| b. Detector Scintillation NaI (TL) | | |
| c. Shielding 7.5 inches of lead | | |
| d. Check Source 10 μ Ci Cs 137 | | CH.
2 |
| e. Range 10 ⁰ to 10 ⁶ CPM | | |
| 4. Area Radiation Monitors | | |
| a. Locations | | |
| (1) Unit #1 ECCS Pump Rooms | Rooms 113 & 119 | |
| (2) Unit #2 ECCS Pump Rooms | Rooms 101 & 102 | |
| (3) Unit #1 Sample Room | Room 424 | |
| (4) Unit #2 Sample Room | Room 413 | |
| (5) Unit #1 Refueling Machine Service Platform | Room 230 | |
| (6) Unit #2 Refueling Maching Service Platform | Room 229 | |
| (7) Boric Acid Rooms | Rooms 215 & 217 | |
| (8) Unit #1 Penetration Room | Room 221 | |
| (9) Unit #2 Penetration Room | Room 211 | |
| (10) Unit #1 Containment (4) | Room 230 | |
| (11) Unit #2 Containment (4) | Room 229 | |
| (12) Miscellaneous Waste Receiver Tank | Room 113 | |
| (13) Reactor Coolant Waste Pump Area | Room 110 | |

CALVERT CLIFFS NUCLEAR POWER PLANT
 EMERGENCY RESPONSE PLAN
 IMPLEMENTATION PROCEDURES

LIST OF EFFECTIVE PAGES _

<u>ERPIP PAGE</u>	<u>REV.</u>	<u>ERPIP PAGE</u>	<u>REV.</u>
B.2-0	3 Change 1	B.2-20	4
B.2-1	1	B.2-21	4
B.2-2	1	B.2-22	4
B.2-3	1	B.2-23	4
B.2-4	1	B.2-24	4
B.2-5	1	B.2-25	4
B.2-6	1	B.2-26	4
B.2-7	1	B.2-27	4
B.2-8	1	B.2-28	4
B.2-9	1	B.2-29	4
B.2-10	1	B.2-30	4
B.2-11	1	B.2-31	4
B.2-12	4	B.2-32	4
B.2-13	4	B.2-33	4
B.2-14	4	B.2-34	4
B.2-15	4	B.2-35	4
B.2-16	4	B.2-36	4
B.2-17	4	B.2-37	4
B.2-18	4	B.2-38	4
B.2-19	4	B.2-39	4

