

**ATTACHMENT 2 TO
W3F1-2002-0074**

Waterford 3 SES Emergency Plan (Revision 27, Change 4)

EP-001-020 (Revision 26), Alert

EP-001-001 (Revision 20, Change 1), Recognition and Classification of
Emergency Conditions

EP-003-040 (Revision 22, Change 1), Emergency Equipment Inventory

SAFETY RELATED

Required Review Level (check one)



PORC



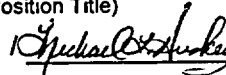
QUALIFIED REVIEWER

PROCEDURE NUMBER: EP-001-001 REVISION: 20 CHANGE: 1 DEVIATION: N/ATITLE: Recognition and Classification of Emergency ConditionsEFFECTIVE DATE/MILESTONE: N/A

(N/A If Same as Approval Date)

PROCEDURE OWNER: Emergency Planning Manager

(Position Title)

PREPARER (Print Name / Initial): Michael L. HuskeyDATE: 7-10-02

ACTION:

☐ New Procedure☐ Deletion☐ Revision☒ ChangeEC? ☐

(Applicable W2 109 Step Numbers)

☐ Deviation

Expiration Date/Milestone: _____

☐ Temporary Procedure

Applicable Conditions: _____

DESCRIPTION AND JUSTIFICATION OF CHANGE: Added indicator to Unusual Event D/UE/II of a site-specific credible threat to allow emergency classification whenever a threat to the plant has been identified. Revised "B/UE/I tab to: Unidentified or pressure boundary leakage greater than 10 gpm OR Identified leakage greater than 25 gpm to align procedure with industry standard for classifying an Unusual Event based on Reactor Coolant System leakage in accordance with the guidance of NUMARC/NESP-007.

☐ Request/Approval Page Continuation Sheet(s) attached.

EC SUPERVISOR

APPROVAL: N/A

DATE: _____

50.59 REVIEWER

Required? ☒REVIEW: G.S. AllenDATE: 7/15/02☐ PROGRAMMATICALLY EXCLUDEDPORC Mtg No.: N/A

DATE: _____

50.54 REVIEWER

Required? ☒REVIEW: G.S. AllenDATE: 7/15/02

TECHNICAL REVIEWER

REVIEW: G.S. AllenDATE: 7/18/02Change Notice (CN)? ☐

CHANGE NOTICE (CN) SUPERVISOR

APPROVAL: N/A

DATE: _____

CHANGE NOTICE (CN) ON-SHIFT SM/CRS

APPROVAL: N/A

DATE: _____

2 Week Final Approval

DATE: _____

QUALIFIED REVIEWER

Required? ☐REVIEW: N/A

DATE: _____

GROUP/DEPT. HEAD

REVIEW ☒ or APPROVAL ☐DATE: 7/19/02

GM, PLANT OPERATIONS

REVIEW ☐ or APPROVAL ☒DATE: 7/28/02

VICE PRESIDENT, OPERATIONS

APPROVAL: N/A

DATE: _____

CONTROLLED

W2.109, Rev. 4

Attachment 7.1 (Page 1 of 3).

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1,12,19	Change 1

Reference Use

1.0 PURPOSE

- 1.1 This procedure describes the immediate actions to be taken to recognize and classify the four emergency classifications: Unusual Event, Alert, Site Area Emergency, and General Emergency.

2.0 REFERENCES

- 2.1 Waterford 3 SES Emergency Plan
- 2.2 Title 10, Code of Federal Regulations Part 50, Appendix E
- 2.3 NUREG-0654/FEMA-REP-1, Criteria for Preparation and Evaluation of Radiological Emergency Response Plans and Preparedness in Support of Nuclear Power Plants
- 2.4 Waterford 3 SES Final Safety Analysis Report
- 2.5 EP-001-010, Unusual Event
- 2.6 EP-001-020, Alert
- 2.7 EP-001-030, Site Area Emergency
- 2.8 EP-001-040, General Emergency
- 2.9 EP-002-015, Emergency Responder Activation
- 2.10 EP-002-052, Protective Action Guidelines
- 2.11 EP-002-150, Emergency Plan Implementing Records
- 2.12 Waterford 3 Emergency Action Level Basis Document
- 2.13 NUMARC/NESP-007, Methodology for Development of Emergency Action Levels
- 2.14 NUREG-1022, Event Reporting Guidelines: 10CFR50.72 and 50.73
- 2.15 UNT-006-010, Event Notification and Reporting
- 2.16 HP-CALC-2001-001, PASS System Elimination (Dose Rates Calculation)

RCS LEAKAGE/DEGRADED CORE CONDITIONS

UNUSUAL EVENT

ALERT

SITE AREA EMERGENCY

GENERAL EMERGENCY

NOTE

OFFSITE PROTECTIVE ACTION
RECOMMENDATIONS ARE REQUIRED.
SEE EP-002-052.

<u>B/UE/I.</u>	<u>B/A/I.</u>	<u>B/SAE/I.</u>	<u>B/GE/I.</u>
Unidentified or pressure boundary leakage greater than 10 gpm OR Identified leakage greater than 25 gpm.	RCS leakage > 44 GPM.	RCS leakage > available Charging Pump capacity (LOCA OR Steam Generator Tube Rupture)	Any LOCA WITH Safety System failures such that, in the opinion of the EC, a Core Melt Sequence is in progress or imminent.

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RCS LEAKAGE/DEGRADED CORE CONDITIONS

HAZARDS AND OTHER CONDITIONS AFFECTING PLANT SAFETY

UNUSUAL EVENT

ALERT

SITE AREA EMERGENCY

GENERAL EMERGENCY

NOTE

OFFSITE PROTECTIVE ACTION
RECOMMENDATIONS ARE REQUIRED.
SEE EP-002-052.

<u>D/UE/II.</u>	<u>D/A/II.</u>	<u>D/SAE/II.</u>	<u>D/GE/II.</u>
SM/CRS notified of a Security threat to the Owner Controlled Area OR attempted entry to the Protected Area OR attempted sabotage to the Protected Area.	EC notified of an Ongoing Security Compromise in the Protected Area.	Imminent loss of physical control of the plant.	Loss of physical control of the plant.
<u>INDICATORS</u>	<u>INDICATORS</u>	<u>INDICATORS</u>	<u>INDICATORS</u>
1. Valid Bomb Threat.	1. Suspect device discovered in the Protected Area.	1. Suspect device discovered in the <u>Nuclear Island</u> .	1. Compromise of any of the following Rooms: a. Control Room b. +35 RAB Relay Rooms c. +21 RAB Switchgear Rooms d. +35 RAB Cable Spreading Room
2. Site specific credible threat has been identified	2. Physical attack resulting in occupancy of the Protected Area	2. Physical attack resulting in occupancy of the <u>Nuclear Island</u> .	
<u>D/UE/III.</u>	<u>D/A/III.</u>	<u>D/SAE/III.</u>	<u>D/GE/III.</u>
Earthquake felt in-plant OR detected on station seismic instrumentation.	Earthquake > 0.05G ground acceleration	Earthquake > <u>0.1</u> G ground acceleration.	Any major internal or external event which could cause massive common damage to plant systems such that a Core Melt Sequence is in progress or imminent and the loss of Containment integrity is likely.
<u>INDICATORS</u>	<u>INDICATORS</u>		
1. Valid earthquake detection indicated by "Seismic Recorders in Operation".	1. Red light on seismic monitor panel		

1

HAZARDS AND OTHER CONDITIONS AFFECTING PLANT SAFETY

REQUEST/APPROVAL PAGE

SAFETY RELATED

Required Review Level (check one)



PORC



QUALIFIED REVIEWER

PROCEDURE NUMBER: EP-001-020 REVISION: 26 CHANGE: 0 DEVIATION: N/ATITLE: AlertEFFECTIVE DATE/MILESTONE: N/A

(N/A If Same as Approval Date)

PROCEDURE OWNER: Emergency Planning Manager

(Position Title)

PREPARER (Print Name / Initial) A.S. Lubinski / ASL DATE: 06/21/02

ACTION:

- ☐ New Procedure N/A
- ☐ Deletion N/A
- ☒ Revision

☐ Change EC? ☐ N/A

(Applicable W2.109 Step Numbers)

☐ Deviation Expiration Date/Milestone: N/A☐ Temporary Procedure Applicable Conditions: N/A

DESCRIPTION AND JUSTIFICATION OF CHANGE:

1) Incorporated formatting and minor wording changes to comply with the guidance in W2.110. 2) Changed Shift Supervisor to Shift Manager throughout the procedure. 3) Changed Step 5.7.2 to direct coordination with Security for closure of the Visitor Center instead of calling the Visitor Center because there is no one manning the Center. 4) Updated the title of PS-018-101 on Attachment 7.1. 5) Added Step 9 to Attachment 7.2 to include discussing with the NRC and State officials the decision to declassify the Alert.

☐ Request/Approval Page Continuation Sheet(s) attached.

EC SUPERVISOR	APPROVAL:	<u>N/A</u>	DATE:	<u>7-22-02</u>
50.59 REVIEWER Required? <input checked="" type="checkbox"/>	REVIEW:	<u>Michael A. Shuckey</u>	DATE:	<u>7-22-02</u>
<input type="checkbox"/> PROGRAMMATICALLY EXCLUDED	PORC Mtg. No :	<u>N/A</u>	DATE:	<u>7/23/02</u>
50.54 REVIEWER Required? <input checked="" type="checkbox"/>	REVIEW:	<u>Ronald J. Perry</u>	DATE:	<u>7-22-02</u>
TECHNICAL REVIEWER	REVIEW:	<u>Michael A. Shuckey</u>	DATE:	<u>7-22-02</u>

Change Notice (CN)? ☐ N/ACHANGE NOTICE (CN) SUPERVISOR APPROVAL: N/A DATE: CHANGE NOTICE (CN) ON-SHIFT SM/CRS APPROVAL: N/A DATE: 2 Week Final Approval DATE:

QUALIFIED REVIEWER Required? <input checked="" type="checkbox"/>	REVIEW:	<u>Ronald J. Perry</u>	DATE:	<u>7/23/02</u>
GROUP/DEPT. HEAD REVIEW <input type="checkbox"/> or APPROVAL <input checked="" type="checkbox"/>		<u>Michael A. Shuckey</u>	DATE:	<u>7-24-02</u>
GM, PLANT OPERATIONS REVIEW <input type="checkbox"/> or APPROVAL <input type="checkbox"/>		<u>N/A</u>	DATE:	<u> </u>
VICE PRESIDENT, OPERATIONS APPROVAL:		<u>N/A</u>	DATE:	<u> </u>

CONTROLLED

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LIST OF EFFECTIVE PAGES

1-7	Revision 26
10,11,12	Revision 22
9	Revision 12
8	Revision 10

Reference Use

1.0 PURPOSE

- 1.1 To outline the actions to be taken for an emergency condition at the Alert Level.

2.0 REFERENCES

- 2.1 Waterford 3 SES Emergency Plan
- 2.2 EP-001-001, Recognition and Classification of Emergency Conditions
- 2.3 EP-001-010, Unusual Event
- 2.4 EP-001-030, Site Area Emergency
- 2.5 EP-001-040, General Emergency
- 2.6 EP-002-010, Notifications and Communications
- 2.7 EP-002-015, Emergency Responder Activation
- 2.8 EP-002-031, In-Plant Radiological Controls and Surveys During Emergencies
- 2.9 EP-002-050, Offsite Dose Assessment (Manual)
- 2.10 EP-002-051, Offsite Dose Assessment (Computerized)
- 2.11 EP-002-052, Protective Action Guidelines
- 2.12 EP-002-060, Radiological Field Monitoring
- 2.13 EP-002-100, Technical Support Center (TSC) Activation, Operation and Deactivation
- 2.14 EP-002-101, Operational Support Center (OSC) Activation, Operation and Deactivation
- 2.15 EP-002-150, Emergency Plan Implementing Records
- 2.16 Emergency Management Resources Book
- 2.17 EP-002-034, Onsite Surveys During Emergencies
- 2.18 FP-001-020, Fire Emergency/Fire Report
- 2.19 EP-002-170, Recovery
- 2.20 EP-002-190, Personnel Accountability
- 2.21 UNT-007-018, First Aid and Medical Care
- 2.22 EP-002-071, Site Protective Measures
- 2.23 EP-002-130, Emergency Team Assignments
- 2.24 PS-016-102, Security Response to Plant Emergency Conditions
- 2.25 NRC I&E Notice 89-89

3.0 RESPONSIBILITIES

- 3.1 The Emergency Coordinator (EC) is responsible for the implementation of this procedure.
- 3.2 The Emergency Coordinator is responsible for ensuring that the actions as outlined in this procedure are carried out.
- 3.3 The Shift Manager (SM) is the Emergency Coordinator until properly relieved by the Duty Plant Manager.
- 3.4 When the EOF is activated, then the EOF Director is responsible for ensuring that the actions as outlined in this procedure are carried out.

4.0 INITIATING CONDITIONS

- 4.1 This procedure is to be initiated for the following conditions:
 - 4.1.1 An Alert is classified in accordance with EP-001-001.
 - 4.1.2 At the direction of the Emergency Coordinator or EOF Director.

5.0 PROCEDURE

5.1 Emergency Organization Activation

NOTE

Notify the Duty Emergency Planner immediately for assistance in activating the automated callout Voice Notification System (VNS) for the following conditions:

1. Conditions exist that may be hazardous to personnel reporting to the site and special approach messages are necessary,

OR

2. Access to the Control Room Envelope is limited and directions must be provided for TSC personnel to respond to EOF.

- 5.1.1 Direct the Emergency Communicator to activate the Emergency Pager System in accordance with EP-002-015.

- 5.1.1.1 An appropriate time to activate the VNS would be while the Emergency Coordinator is reviewing the initial offsite notification message form.

5.2 Announcement(s) to Station Personnel

NOTE

If TSC personnel are required to respond to the EOF, then provide instructions in the Alert announcement directing them to the EOF.

- 5.2.1 Sound the STATION ALARM (for at least 5 seconds) and make the following announcement(s):

- 5.2.1.1 "ATTENTION ALL PERSONNEL; ATTENTION ALL PERSONNEL:

AN ALERT WAS DECLARED AT (announce time of declaration using 24-hour clock) DUE TO (announce reason for declaration of alert). ALL MEMBERS OF THE EMERGENCY RESPONSE ORGANIZATION REPORT TO YOUR STATIONS (If necessary, announce routing instructions for EOF responders). ALL OTHER PERSONNEL REPORT TO YOUR WORK STATIONS. (If the emergency is radiation oriented, add: "There will be no smoking, eating or drinking until further notice.") "THE MAINTENANCE RADIO FREQUENCY IS NOW DEDICATED FOR EMERGENCY USE ONLY."

- 5.2.1.2 If there is a localized emergency (e.g., radiological hazard outside of a normally established Controlled Access Area (CAA)), then announce its type and location and instruct personnel to stand clear of this area.

- 5.2.1.3 Sound the STATION ALARM (for at least 5 seconds) and repeat the announcement(s) at least two more times, allowing sufficient time for personnel who may be in high noise areas to reach a location where the announcement can be heard.

5.3 Consideration of Site Protective Measures

- 5.3.1 Consider site protective measures in accordance with EP-002-071.

NOTE

If an Alert has been declared, and in the opinion of the SM/EC contacting the Duty Plant Manager may prevent completing the offsite notifications within the 15 minutes required by regulation, then direct the Emergency Communicator to begin offsite notifications in accordance with Step 5.5.

5.4 Duty Plant Manager Notification**5.4.1 Contact the Duty Plant Manager.**

5.4.1.1 If the Duty Plant Manager can not be reached, then contact any of the alternate Duty Plant Managers.

5.4.1.2 Discuss the following:

- a. Nature of the situation
- b. Classification
- c. Action taken or to be taken
- d. Advise the Duty Plant Manager to contact the following personnel:
 - Duty EOF Director
 - Duty Technical Spokesperson

5.5 Offsite Notifications

5.5.1 Direct the Emergency Communicator to commence initial offsite notifications of the appropriate organizations in accordance with EP-002-010.

5.5.2 Direct the Emergency Communicator to update offsite agencies as required by EP-002-010.

5.6 Emergency Response Data System (ERDS) Activation

5.6.1 Ensure the Emergency Response Data System (ERDS) is activated as soon as possible, but not later than one hour, after the declaration of Alert. Refer to Attachment 7.3 for instructions for activation of ERDS.

5.7 Accountability


5.7.1 Ensure personnel accountability activities are performed in accordance with EP-002-190.

5.7.2 Coordinate with Security to ensure the Energy Education Center Visitor's Center is closed and all visitors have departed the site

5.8 Other Response Actions

5.8.1 Initiate offsite dose assessment in accordance with EP-002-050 for manual assessment or EP-002-051 for computerized assessment.

5.8.2 Determine the need for protective action recommendations in accordance with EP-002-052.

5.8.3 Ensure that emergency logs and records are kept in accordance with EP-002-150. 

5.8.4 Initiate any additional response measures in accordance with the applicable emergency procedures listed in Attachment 7.1.

5.9 Event Reclassification

NOTE

When the EOF is activated, then the EOF Director is responsible for the decision to reclassify or close out the emergency condition using input from the Emergency Coordinator. The Emergency Coordinator is still responsible for completing Attachment 7.2, Emergency Coordinator's Close-Out Checklist, sounding the STATION ALARM and making any necessary announcements.

- 5.9.1 As conditions change, periodically check EP-001-001 to determine whether reclassification is necessary.
- 5.9.2 If reclassification is necessary, then reclassify the emergency in accordance with EP-001-001 and implement the appropriate Emergency Plan Implementing Instruction: EP-001-010, EP-001-030 or EP-001-040.

5.10 Event Termination

- 5.10.1 Obtain a copy of, and complete, Attachment 7.2 to evaluate a decision to terminate the existing emergency condition.
- 5.10.2 Close out the emergency with a verbal summary to all agencies or personnel that were contacted during the emergency (as indicated on Attachment 7.4 of EP-002-010).
- 5.10.3 Implement appropriate recovery activities in accordance with EP-002-170.
- 5.10.4 Make the following announcement:
- 5.10.4.1 "ATTENTION ALL PERSONNEL; ATTENTION ALL PERSONNEL: SECURE FROM ALERT. RECOVERY ACTIVITIES ARE IN PROGRESS."
- 5.10.4.2 If localized problem area(s) remain (For example, radiological hazard areas outside of normally established CAAs), then announce their type and location and instruct personnel to stand clear of the area(s).
- 5.10.4.3 If all station personnel are to return to their routine activities and the maintenance radio frequency is returned to normal use, then announce:
- "ALL PERSONNEL MAY RETURN TO YOUR NORMAL DUTIES. THE MAINTENANCE RADIO FREQUENCY IS NOW RETURNED TO NORMAL USE."
- 5.10.4.4 Repeat the above announcement(s) at least once.
- 5.10.5 Collect all documentation generated as a result of this event and forward it to Emergency Planning.

6.0 FINAL CONDITIONS

- 6.1 The Alert has been closed out with normal station administration resumed and recovery activities initiated in accordance with EP-002-170 or the emergency is reclassified.

7.0 ATTACHMENTS

- 7.1 Procedure Reference for Additional Response Guidelines
- 7.2 Emergency Coordinator's Close-Out Checklist
- 7.3 Activation/Deactivation of the Emergency Response Data System (ERDS)

8.0 RECORDS

- 8.1 The following records are generated as a result of this procedure:
- Attachment 7.2, Emergency Coordinator's Close-Out Checklist

PROCEDURE REFERENCE FOR ADDITIONAL RESPONSE GUIDELINES

<u>Topic</u>	<u>Reference</u>
Personnel	EP-002-030, Emergency Radiation Exposure Guidelines and Controls EP-002-032, Monitoring and Decontamination EP-002-081, Search and Rescue FP-001-020, Fire Emergency/Fire Report UNT-007-018, First Aid and Medical Care
Administration	EP-002-130, Emergency Team Assignments EP-002-140, Reentry EP-002-170, Recovery Emergency Management Resources Book
Security	PS-016-102, Security Response to Plant Emergency Conditions PS-018-101, Standard Responses to Safeguards Threat Events (Safeguards)

EMERGENCY COORDINATOR'S CLOSE-OUT CHECKLIST
ALERT

INSTRUCTION

1. This checklist should be used by the Emergency Coordinator to evaluate a decision to terminate an existing emergency condition. All criteria should be met
2. This checklist, completed and signed by the Emergency Coordinator, is a prerequisite for initiation of the Recovery Organization in accordance with EP-002-170.

CRITERIA

CRITERIA MET
(Initials)

- | | |
|--|-------|
| 1. The plant is in a stable configuration with adequate core cooling. | _____ |
| 2. In-plant radiation levels are stable or decreasing with time. | _____ |
| 3. The release of radioactive material to the environment is controlled and there is no significant potential for additional uncontrolled releases. | _____ |
| 4. All safety systems necessary to maintain the plant in a stable configuration are operable. | _____ |
| 5. Fires are extinguished; flooding conditions and any other site damage are under control. | _____ |
| 6. All vital areas requiring occupancy are habitable | _____ |
| 7. Site security control is established. | _____ |
| 8. All implementing procedures have been closed out or are determined to remain active with responsibility for their completion and closure assigned to an individual. | _____ |
| 9. The decision to terminate the emergency classification, including the justification for termination, has been discussed with the NRC <u>and</u> State officials. | _____ |

Emergency Coordinator

Date

Time

ACTIVATION/DEACTIVATION OF THE EMERGENCY RESPONSE DATA SYSTEM (ERDS)

ERDS can be accessed from the following Plant Monitoring Computer (PMC) Satellite Display System (SDS) locations. Shift Manager SDS, Computer Room SDS, Technical Support Center SDS and Generation Support Building (GSB) Computer Room SDS.

ACTIVATION OF ERDS:

NOTE

1. To return to the PMC Main Menu, press the Escape (ESC) key.
2. Selections on an SDS can be made by using the mouse or by entering specific turn on codes. The turn on codes are 1 to 8 character commands used to activate the function you wish to perform; they are displayed in blue on the SDS screen.

1. From the SDS press the ESC key to return to the Main Menu, if applicable.
2. From the Main Menu click once on NSSS touch area.
3. From the NSSS Menu click once on the ERDS touch area.
4. From the ERDS Password Menu, type ERDS, then press ENTER and then press F1.
 - 4.1 Observe on the STATUS menu that the ERDS COMMUNICATIONS TASK is INACTIVE.
5. Click once on ACTIVATE, under ACTIONS.
 - 5.1 After activating ERDS, the COMMUNICATION TASK status will change from INACTIVE to ACTIVE and will be displayed as follows:

STATUS

MODEM	Disconnected
ERDS COMPUTER	Terminated
COMMUNICATION TASK	ACTIVE

ACTIVATION/DEACTIVATION OF THE EMERGENCY RESPONSE DATA SYSTEM (ERDS) (CONT'D)

NOTE

All messages may not be seen due to the display rate of the SDS.

6. When the NRC ERDS answers the phone call from the Waterford 3 computer, the MODEM communication sequence progresses.

6.1 The MODEM communication sequence with NO FAILURE will progress as follows:

OK
DIALING
RINGING
ANSWER
CONNECT

6.2 The MODEM communication sequence with A FAILURE will progress as follows:

BUSY
NO ANSWER
NO CARRIER
NO DIAL TONE
ERROR
DISCONNECTED

7. After a successful connection with the NRC ERDS computer, then a CONNECT will be displayed on the MODEM status and the COMMUNICATION TASK status will change to LINK REQUESTED.
8. After the Link Request is accepted, then the ERDS COMPUTER status will change from TERMINATED to ACCEPTED and the COMMUNICATION TASK status will change to TRANSMITTING, as shown below:

STATUS

MODEM	Connect
ERDS COMPUTER	Accepted
COMMUNICATION TASK	Transmitting

9. The ERDS link is now established. Press the ESC key to return to the PMC Main Menu.

ACTIVATION/DEACTIVATION OF THE EMERGENCY RESPONSE DATA SYSTEM (ERDS) (CONT'D)

DEACTIVATION OF ERDS:

NOTE

If the EMERGENCY RESPONSE DATA SYSTEM menu is not present on the SDS display, then repeat steps 1 through 4 of the ACTIVATION OF ERDS section of this attachment to terminate a link with NRC Headquarters.

1. Click once on TERMINATE under ACTIONS.

1.1 After terminating the link with the ERDS computer, the following should be displayed:

STATUS

MODEM	Disconnected
ERDS COMPUTER	Terminated
COMMUNICATION TASK	INACTIVE

2. The ERDS link is now terminated. Press the ESC key to return to the Main Menu.

REQUEST/APPROVAL PAGE

SAFETY RELATED

Required Review Level (check one)



PORC



QUALIFIED REVIEWER

PROCEDURE NUMBER: EP-003-040 REVISION: 22 CHANGE: 1 DEVIATION: N/ATITLE: Emergency Equipment InventoryEFFECTIVE DATE/MILESTONE: N/A

(N/A If Same as Approval Date)

PROCEDURE OWNER: Emergency Planning Manager

(Position Title)

PREPARER (Print Name / Initial): A.S. Lubinski / ASLDATE: 6/19/02

ACTION:

- ☐ New Procedure N/A
- ☐ Deletion N/A
- ☐ Revision N/A

☒ Change EC? ☐ N/A

(Applicable W2.109 Step Numbers)

☐ Deviation Expiration Date/Milestone: N/A☐ Temporary Procedure Applicable Conditions: N/A

DESCRIPTION AND JUSTIFICATION OF CHANGE: Since the Attachments from EP-002-071 have been moved to Emergency Planning Desk Guide #14, the Assembly Area Supervisor Kit (Attachment 7.7) contents have been changed. This change adds the forms from the Desk Guide to the Kit.

☐ Request/Approval Page Continuation Sheet(s) attached.

EC SUPERVISOR	APPROVAL:	<u>N/A</u>	DATE:	<u>6-27-02</u>
50.59 REVIEWER Required? <input checked="" type="checkbox"/>	REVIEW:	<u>Michael Lubinski</u>	DATE:	<u>6-27-02</u>
<input type="checkbox"/> PROGRAMMATICALLY EXCLUDED	PORC Mtg. No.:	<u>N/A</u>	DATE:	
50.54 REVIEWER Required? <input checked="" type="checkbox"/>	REVIEW:	<u>RJ Perry</u>	DATE:	<u>7/1/02</u>
TECHNICAL REVIEWER	REVIEW:	<u>Michael Lubinski</u>	DATE:	<u>6-27-02</u>

Change Notice (CN)? ☐ N/ACHANGE NOTICE (CN) SUPERVISOR APPROVAL: N/A DATE: CHANGE NOTICE (CN) ON-SHIFT SM/CRS APPROVAL: N/A DATE:

2 Week Final Approval

QUALIFIED REVIEWER Required? ☒ REVIEW: RJ Perry DATE: 7/1/02GROUP/DEPT. HEAD REVIEW ☒ or APPROVAL ☐ DATE: 2-27-02GM, PLANT OPERATIONS REVIEW ☐ or APPROVAL ☐ DATE: VICE PRESIDENT, OPERATIONS APPROVAL: N/A DATE: **CONTROLLED**

LIST OF EFFECTIVE PAGES

1, 4-6, 29-32	Revision 22
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21,22	Revision 19
23	Revision 17, Change 1
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24-27	Revision 16
19, 20	Revision 14
28	Revision 11

1

1

1.0 PURPOSE

- 1.1 The purpose of this procedure is to describe the contents of the emergency kits/lockers and provide for the periodic inventory, calibration and maintenance requirements for the indicated emergency supplies and equipment.

2.0 REFERENCES

- 2.1 Waterford 3 SES Emergency Plan
- 2.2 HP-001-210, Health Physics Instrument Control
- 2.3 HP-002-308, Operation of Portable Beta/Gamma Contamination Instruments
- 2.4 HP-002-602, Respiratory Protection Equipment Quality Control
- 2.5 HP-002-371, Instrument Source/Response Check
- 2.6 HP-002-382, Operation of Dose Rate Instruments
- 2.7 Emergency Planning Desk Guide #14, Emergency Planning Forms

3.0 RESPONSIBILITIES

- 3.1 The Emergency Planning Coordinator is responsible for coordinating the periodic inventory of emergency kits and lockers described in this procedure.
- 3.2 The Health Physics Supervisor and Emergency Planning Coordinator are responsible for ensuring performance of the actual inventory as specified on the Inventory Checklists.

4.0 INITIATING CONDITIONS

- 4.1 Emergency equipment, stored for emergency use, is inventoried, inspected, and operationally checked at the following frequencies:
 - 4.1.1 At least once each calendar quarter.
 - 4.1.2 After each use.
 - 4.1.3 After a plastic lock seal or breakaway lock has been found broken.
 - 4.1.4 Any other time specified by the Emergency Planning Coordinator or Emergency Coordinator.

INVENTORY CHECKLIST

INVENTORY

RESPONSIBILITY

Emergency Planning Coordinator

DESCRIPTION:

Assembly Area Supervisor Kit

LOCATION:

Backup OSC - Admin. Bldg. Projection Room

ITEM DESCRIPTION	MINIMUM REQUIRED	CURRENT QUANTITY	TAG NUMBER	CALIBRATION DUE DATE	CONDITION SAT/UNSAT	COMMENTS
Bull Horn	1		N/A	N/A		
Air Horn	1		N/A	N/A		
Flashlight	1		N/A	N/A		
Cell Phone with Charger	1		N/A	N/A		
Handheld Radio w/Charger *	1		N/A	N/A		
Batteries (Size D)	4		N/A	N/A		
Batteries (Size AA)	8		N/A	N/A		
Ink Pens (Box)	1		N/A	N/A		
Markers	2		N/A	N/A		
Writing Pad	1		N/A	N/A		
Clipboard	1		N/A	N/A		
Grease Pencil	1		N/A	N/A		
Assembly Area Supv. Notebook	1			N/A		
EP Form OSC-01, Rev. _____	1		N/A	N/A		
EP Form OSC-02, Rev. _____	10		N/A	N/A		
EP Form OSC-03, Rev. _____	1		N/A	N/A		
EP Form OSC-04, Rev. _____	1		N/A	N/A		
EP Form OSC-05, Rev. _____	1		N/A	N/A		

INVENTORY CONDUCTED BY: _____

DATE: _____

REVIEWED BY: _____

DATE: _____

Emergency Planning Coordinator

* Located on shelf next to Kit

cc: W-3 Records Center - Original
EP-003-040 Revision 17

Attachment 7.7 (1 of 1)

INVENTORY CHECKLIST

INVENTORY

DESCRIPTION: HP Hospital Locker

RESPONSIBILITY HP Supervisor

LOCATION: West Jefferson

ITEM DESCRIPTION	MINIMUM REQUIRED	CURRENT QUANTITY	TAG NUMBER	CALIBRATION DUE DATE	CONDITION SAT/UNSAT	COMMENTS
E-520 (or equivalent) w/Probe	1					
Ludlum 12 (or equivalent) w/Pancake Probe	1					
Ludlum 12 (or equivalent) w/Pancake Probe	1					
CS-137 Button Check Source	1			N/A		
Decon Soap	1		N/A	N/A		
Tape "2" roll (2 Masking/2 Duct)	4		N/A	N/A		
Absorbent Paper (or Herculite)	1		N/A	N/A		
Barricade Ribbon (roll)	1		N/A	N/A		
Radiation Postings w/Inserts	24		N/A	N/A		
15 Gallon Poly Bottles	4		N/A	N/A		
Radioactive Material Bags (roll)	1		N/A	N/A		
Stepoff Pads	6		N/A	N/A		
Scissors	2		N/A	N/A		
Radioactive Material Sticker (roll)	2		N/A	N/A		
Yellow & Magenta Tape (roll)	1		N/A	N/A		
Stanchions	6		N/A	N/A		
Clipboards w/Dosimeter ID Numbers	1		N/A	N/A		
Black Ball Point Pens (box)	1		N/A	N/A		
Felt Tip Marking Pens	3		N/A	N/A		