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STP NUCLEAR OPERATING COMPANY  
Units 1 and 2  
Docket Nos. STN 50-498; STN 50-499  
Changes to Emergency Plan Implementing Procedure

In accordance with 10CFR50.4(b)(5) and 10CFR50, Appendix E, Section V, the STP Nuclear Operating Company hereby submits the attached revision of two (2) Emergency Plan Implementing Procedures.

If there are any questions regarding this matter, please contact Mr. Fred Puleo at (361) 972-8697 or myself at (361) 972-8053.

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Enclosure: Letter of Receipt  
Summary of Changes  
0ERP01-ZV-OS05, Materials Handler, Revision 3  
0ERP01-ZV-OS06, Emergency Teams, Revision 5

A045

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**Summary of Changes for  
Materials Handler  
0ERP01-ZV-OS05, Rev. 3**

This revision does not reduce the effectiveness nor change the intent of the procedure as described within the Emergency Plan.

The major changes made to the Materials Handler procedure are format changes to combine the Recovery and Termination Checklists with the Materials Handler Checklist. The change is to simplify use and remove redundant instructions.

Other changes are noted in the table and were made as administrative and clarifying changes.

The content changes are:

- Changed Procedure usage to N/A to comply with procedure 0PGP05-ZV-0004, Emergency Plan Implementing Procedure Users Guide.
- Addresses CR 99-9740-1, regarding the Material Issue Log and Equipment and Parts Unavailability Log.
- Reformatted procedure into a Word97 Document.
- Editorial and clarifying changes.

The changes are noted in the following table:

<b>Change No.</b>	<b>Change to Revision 2</b>	<b>Reason</b>
1.	Table of Contents Deleted Data Sheet 2 and 3.	Combined into Data Sheet 1 to clarify responsibilities and simplify use of the procedure.
2.	Added new Step 1.2.	Designates procedure implements Emergency Plan material handling requirements.
3.	Revised Step 2.1.4, to read If directed by the OSC Coordinator, perform manual call-out of the ERO and notify him/her of status.	This direction matches instructions in procedure 0ERP01-ZV-SH04, Acting OSC Coordinator.
4.	Added Section 3.0 Precautions and Limitations, Steps 3.1 and 3.2.	Clarifies who and when personnel may be activated.
5.	Revised New Section 5.0 Procedure, to account for incorporated checklists.	Support the combined checklist format.

**Summary of Changes for  
Materials Handler  
0ERP01-ZV-OS05, Rev. 3**

<b>Change No.</b>	<b>Change to Revision 2</b>	<b>Reason</b>
6.	Revised New Section 6.0 Support Documents.	Revised to match table of contents.
7.	Addendum 1 Shift Turnover Briefing, moved to ahead of Data Sheets.	Editorial change so it will comply with OPGP03-ZA-0039, Plant Procedure Writer's Guide.
8.	Data Sheet 1, Step 1.1, Changed inform the OSC Coordinator to Spare Parts Engineer.	It is in the Operations Support Center Expectations that the Materials Handler reports to the Spare Parts Engineer who reports to the I&C Discipline Lead.
9.	Data Sheet 1, Step 1.5, Changed the OSC Coordinator to Resource Coordinator.	This position is responsible for obtaining additional personnel.
10.	Data Sheet 1, Step 2.1.1, changed to If directed by the Acting OSC Coordinator, perform manual call-out of the Emergency Response Organization in accordance with 0ERP01-ZV-IN03, Emergency Response Organization Notification.	This direction matches instructions in procedure 0ERP01-ZV-SH04, Acting OSC Coordinator.
11.	Data Sheet 1, New Step 3.1, Changed from use of MAF to PICS.	Describes utilization of the upgraded computer system.
12.	Data Sheet 1, New Step 3.2, Changed Log applicable information on Data Sheet 2, Material Issue Log. To If the computer system fails, log applicable information on Data Sheet 2, Material Issue Log.	Directs use of forms only when the computer system fails. Addresses CR 99-9740.
13.	Data Sheet 1, Step 3.3.1, Changed the OSC Coordinator to Spare Parts Engineer.	It is in the Operations Support Center Expectations that the Materials Handler reports to the Spare Parts Engineer who reports to the I&C Discipline Lead.
14.	Data Sheet 1, Step 3.4.3, Removed the OSC Coordinator.	Updates and equipment status should go through the established line of communications.

**Summary of Changes for  
Materials Handler  
0ERP01-ZV-OS05, Rev. 3**

<b>Change No.</b>	<b>Change to Revision 2</b>	<b>Reason</b>
15.	Data Sheet 1, Step 4.3, Changed the OSC Coordinator to Resource Coordinator.	It is in the Operations Support Center Expectations that the Materials Handler reports to the Spare Parts Engineer who reports to the I&C Discipline Lead.
16.	Data Sheet 1, New Step 3.4.2, Changed Log applicable information on Data Sheet 3, Equipment and Parts Unavailability Log. TO If the computer system fails, log applicable information on Data Sheet 3, Equipment and Parts Unavailability Log.	Directs use of forms only when the computer system fails. Addresses CR 99-9740.
17.	Data Sheet 1, New Step 4.2, Changed ALANOR to Electronic Dosimeter.	Replaced ALANOR with the generic description Electronic Dosimeter.
18.	Data Sheet 1, New Step 4.6, Changed MAF to Checkout Requests.	Describes utilization of the upgraded computer system.

- END -

**Summary of Changes for  
Emergency Teams  
0ERP01-ZV-OS06, Rev. 5**

This revision does not reduce the effectiveness nor change the intent of the procedure as described within the Emergency Plan.

The content changes are:

- Changed Procedure usage to N/A to comply with procedure 0PGP05-ZV-0004, Emergency Plan Implementing Procedure Users Guide.
- Addresses CR 99-6252-7, revised ERTs Briefing/Debriefing Form.
- Replaced ALANOR with the generic description Electronic Dosimeter.
- Reformatted procedure into a Word97 Document.
- Changed Shift Safety Representative to Security Officer (EMT).

The changes are noted in the following table:

<b>Change No.</b>	<b>Change to Revision 4</b>	<b>Reason</b>
1.	Moved the following responsibility from the Assistant OSC Coordinator to the OSC Communicator: "collecting completed Emergency Response Teamwork documentation and forwarding it to the Maintenance Manager."	The Assistant OSC Coordinator no longer performs this task.
2.	Moved Addendum's Ahead of Form 1.	Editorial change so it will comply with 0PGP03-ZA-0039, Plant Procedure Writer's Guide.
3.	Step 4.5.3, Moved "collecting completed Emergency Response Teamwork documentation and forwarding it to the Maintenance Manager."	This is done by the OSC Communicator.
4.	New Step 4.6.3, added, "As necessary, briefing Emergency Response Teams on radiological considerations utilizing Addendum 2, Briefing for Workers Who May Receive Emergency Exposures to the Thyroid."	Directs use of Addendum 2 for KI issue.
5.	New Step 4.6.4, added, "As necessary, briefing Emergency Response Teams on radiological considerations utilizing procedure 0ERP01-ZV-IN06, Radiological Exposure Guidelines, Addendum 2, Risks Involved with Exposures Greater Than 25 rem TEDE."	This information has been moved.

**Summary of Changes for  
Emergency Teams  
0ERP01-ZV-OS06, Rev. 5**

<b>Change No.</b>	<b>Change to Revision 4</b>	<b>Reason</b>
6.	New Step 4.1.1, added "The OSC Communicator is responsible for collecting completed Emergency Response Teamwork documentation and forwarding it to the Maintenance Manager."	The Assistant OSC Coordinator no longer performs this task.
7.	Step 5.1, has been revised to implement the new Form 1, Emergency Response Team Briefing/Debriefing Form.	Form has been revised to simplify use.
8.	Combined Steps 5.2 & 5.3 to implement the new Form 1, Emergency Response Team Briefing/Debriefing Form.	Form has been revised to simplify use.
9.	Step 5.4, has been revised to implement the new Form 1, Emergency Response Team Briefing/Debriefing Form.	Form has been revised to simplify use.
10.	Step 5.5, has been revised to implement the new Form 1, Emergency Response Team Briefing/Debriefing Form.	Form has been revised to simplify use.
11.	Step 6.2 & 6.3, Added reference to procedures OPGP05-ZV-0004, Emergency Plan Implementing Procedure Users Guide and 0ERP01-ZV-IN06, Radiological Exposure Guidelines.	Material used to implement this procedure.
12.	Addendum 1, removed shift safety representative.	Emergency Medical Treatment is provided by selected Security personnel.
13.	Addendum 2, relocated emergency exposure briefing greater then 25 rem to procedure 0ERP01-ZV-IN06, Radiological Exposure Guidelines.	Radiological Exposure briefings are not required until entry into 0ERP01-ZV-IN06, Radiological Exposure Guidelines.
14.	Addendum 3 renumbered Addendum 2.	Editorial change.
15.	New Form 1, Emergency Response Team Briefing/Debriefing Form, has been revised to 1 page (front & back).	Simplify use.

- END -

O:\PROCEDURES\APPROVED\ERP01\0zvos05.03x Effective Date: 03/30/2000 Print Time / Date: 7:57 AM 03/27/00		<b>0ERP01-ZV-OS05</b>		<b>Rev. 3</b>	Page 1 of 10
<b>Materials Handler</b>					
Quality	Non Safety-Related	Usage: N/A		Effective Date: 03/30/2000	
Max Keys	N/A	N/A	Emergency Response Division		
PREPARER	TECHNICAL	USER	COGNIZANT ORGANIZATION		

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**Materials Handler**

- 1.0 Purpose and Scope
  - 1.1 This procedure specifies the actions to be completed by the Materials Handler in the Operation Support Center (OSC)/Warehouse 32 during a declared emergency.
  - 1.2 This procedure implements the requirements of the South Texas Project Electric Generating Station (STPEGS) Emergency Plan specific to the Materials Handler.
- 2.0 Responsibilities
  - 2.1 The Materials Handler is responsible for:
    - 2.1.1 Obtaining materials and supplies from site warehouses to support emergency repair efforts.
    - 2.1.2 Identifying materials and supplies needing replacement and ensure adequate stocks are maintained.
    - 2.1.3 Accepting delivery of supplies and equipment ordered from offsite during an emergency.
    - 2.1.4 If directed by the OSC Coordinator, perform manual call-out of the ERO and notify him/her of status.
- 3.0 Precautions and Limitations
  - 3.1 This procedure shall be used upon declaration of an Alert or higher emergency classification in accordance with Procedure 0ERP01-ZV-IN01, Emergency Classification.
    - 3.1.1 The Emergency Director has ordered the activation of Emergency Response Facilities.
- 4.0 References
  - 4.1 STPEGS Emergency Plan
  - 4.2 OPGP05-ZV-0004, Emergency Plan Implementing Procedure Users Guide
  - 4.3 0ERP01-ZV-IN01, Emergency Classification
  - 4.4 0ERP01-ZV-IN03, Emergency Response Organization Notification
  - 4.5 0ERP01-ZV-RE01, Recovery Operation
  - 4.6 0ERP01-ZV-RE02, Documentation

**Materials Handler****5.0 Procedure**

- 5.1 At an Alert or higher Emergency notification or as directed by the Emergency Director, implement Data Sheet 1, Initial Activities.
- 5.2 Complete Checklist activities as follows:
  - 5.2.1 Use the right column to log the time an activity is performed.
  - 5.2.2 Reoccurring activities should be documented using the Emergency Action Log.
  - 5.2.3 Implement other activities as necessary; use checklists to help direct emergency activities.

**6.0 Support Documents**

- 6.1 Addendum 1, Shift Turnover Briefing
- 6.2 Data Sheet 1, Materials Handler Checklist
- 6.3 Data Sheet 2, Material Issue Log
- 6.4 Data Sheet 3, Equipment and Parts Unavailability Log

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- 1.0 Provide a briefing of the event to the relief person including the following areas:
  - 1.1 The current emergency classification.
  - 1.2 Current plant status of both Units.
  - 1.3 Completed checklists and logs.
  - 1.4 Current shift schedule.
  - 1.5 Recovery plans developed and corrective actions for plant recovery.
  - 1.6 ERO staffing level status.
  
- 2.0 Inform the following of the transfer of responsibilities to the oncoming shift replacement.
  - 2.1 Materials Engineer.
  - 2.2 Spare Parts Engineer.
  
- 3.0 Document the time of turnover and the identity of your relief on your log and provide copies to your replacement. Provide the original log sheets to the Administrative Manager in the TSC.
  
- 4.0 Verify your telephone number on the shift schedule. If the telephone number is inside the 10 mile EPZ, then provide an alternate telephone number for contact should evacuation of the EPZ be necessary.
  
- 5.0 Take a copy of your shift schedule.
  
- 6.0 Verify possession of a STPEGS Picture Badge for access through possible roadblocks when returning to site on the next shift or request a replacement Picture Badge from the Administrative Manager in the TSC.



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3.3 If the equipment is available in the warehouse, then perform the following actions:

3.3.1 Establish with the Spare Parts Engineer which of the following actions will be taken:

3.3.1.1 The item will be picked up from the warehouse and delivered to the desired location by the Materials Handler who will then return to the warehouse.

3.3.1.2 An OSC Team will pick up the item from the warehouse and the Materials Handler will be directed to remain at the warehouse.

3.4 If the material is not available at one of the warehouses, then perform the following actions:

3.4.1 Inform the Materials Engineer/Spare Parts Engineer of the unavailability of the material.

3.4.2 If the computer system fails, log the applicable information on Data Sheet 3, Equipment and Parts Unavailability Log.

3.4.3 Contact the Spare Parts Engineer/Materials Engineer whenever an update on arrival time is available and when the item(s) has arrived onsite. Issue the item to the appropriate group for use.

#### 4.0 ONGOING ACTIVITIES

4.1 Monitor the status of consumable items and project usage rates with the Materials Engineer. Ensure adequate inventories are being maintained.

4.2 If an Electronic Dosimeter was assigned to the warehouse with the warehouse team, periodically monitor the readings. Inform the Radiological Coordinator of changes in the readings.

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4.3 Ensure materials and supplies from site warehouses are being obtained to support emergency repair efforts. Monitor activities of warehouse personnel at the warehouse. Contact the Resource Coordinator if additional warehouse support is needed.

4.4 With the assistance of the Materials Engineer and Procurement/Resources Supervisor in the Emergency Operations Facility, track delivery of supplies and equipment ordered from offsite.

4.5 When the Materials Engineer identifies a new repair effort, then coordinate with the Spare Parts Engineer to verify parts are available onsite to complete repair activities.

4.6 Maintain a file of all Checkout Requests that were completed.

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5.0 WAREHOUSE 32 EVACUATION ACTIVITIES

5.1 Follow any special precautions provided by the Radiological Coordinator for returning to the OSC or area designated by the Radiological Coordinator.

5.2 Advise the Acting OSC Coordinator of the need for assistance to conduct ERO call-out.

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6.0 SHIFT CHANGE ACTIVITIES

6.1 Upon arrival of your shift replacement, complete all actions listed in Addendum 1, Shift Turnover Briefing.

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7.0 RECOVERY ACTIVITIES

7.1 Determine the manpower requirements necessary to support upcoming repair efforts and advise the OSC Coordinator.

7.2 Continue to assess the need for additional supplies and track progress on delivery of those supplies through the Materials Engineer in the Emergency Operations Facility.

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8.0 TERMINATION ACTIVITIES

- 8.1 Collect and organize in chronological order all documentation, checklists, and logs.
- 8.2 Assist the OSC Coordinator in writing an Emergency Response Summary report using the guidance in 0ERP01-ZV-RE02, Documentation.
- 8.3 Turn over all documentation generated during the emergency to the OSC Coordinator.

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<b>Emergency Teams</b>					
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Max Keys	N/A	N/A	Emergency Response Division		
PREPARER	TECHNICAL	USER	COGNIZANT ORGANIZATION		

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**Emergency Teams****1.0 Purpose and Scope**

- 1.1 This procedure establishes guidance for coordinating and contacting Emergency Response Teams (ERTs) dispatched from the Operations Support Center (OSC) for emergency maintenance or immediate entry.
- 1.2 This procedure provides recommendations for Emergency Response Team composition, briefing and debriefing, and for information, which should be obtained from the accident scene.

**2.0 Definitions**

- 2.1 **Emergency Maintenance:** Action required to be performed immediately to prevent or mitigate the consequences of an accident, prevent release of radioactive material to the environment or to protect human life or property. Emergency maintenance is performed at the discretion of the Shift Supervisor/Emergency Director and may start without an approved work package.
- 2.2 **Immediate Entry:** A method of entry to a suspected or known radiologically hazardous area that takes priority over normal entry methods. Emergency Response Teams given this priority are initially provided continuous Radiation Protection coverage. This classification is used when, in the opinion of the Shift Supervisor or Technical Support Center (TSC) Manager, normal methods of entry would be too time consuming (i.e., response to a medical emergency, security event, or a major plant component failure to prevent a major loss of radioactive material, etc.).

**3.0 Precautions and Limitations**

- 3.1 In accordance with 0PGP03-ZA-0090, Work Process Program, the Shift Supervisor is responsible for authorizing and directing emergency maintenance activities. Upon activation of the Emergency Response Organization (ERO) and assumption of Emergency Director responsibilities, the TSC Manager establishes emergency work priorities. Close coordination must be maintained between Shift Supervisor and TSC Manager with regard to emergency repair efforts that are being accomplished by Emergency Response Teams.
- 3.2 When the emergency situation no longer exists, the Maintenance Manager shall ensure a Condition Report (CR) is initiated, and that the Condition Report contains sufficient detail of actions taken to allow the Emergency Response Team and Maintenance Planner to determine any additional maintenance activities left to be performed. Subsequent documentation required shall be completed in accordance with 0PGP03-ZA-0090, Work Process Program.

**Emergency Teams**

- 3.3 Plant Operators not assigned onshift duties in operation of the unaffected Unit by the Emergency Director shall report to Operations Support Center of affected Unit at an Alert or higher Emergency Classification. The Emergency Director may utilize the Plant Operators via the OSC Coordinator.
- 3.4 This procedure shall be implemented upon activation of Technical Support Center and Operations Support Center.

**4.0 Responsibilities**

- 4.1 The TSC Manager is responsible for:
- 4.1.1 Prioritizing requests for Emergency Response Team assistance.
  - 4.1.2 Coordinating priorities and repair efforts with the Shift Supervisor.
  - 4.1.3 Ensuring that Emergency Response Teams are formed, properly briefed, and dispatched and their status is monitored.
- 4.2 The Radiological Manager is responsible for defining radiation protection requirements for Emergency Response Team personnel.
- 4.3 The OSC Coordinator is responsible for overall coordination of Operations Support Center activities to support Technical Support Center requests.
- 4.4 The Maintenance Manager is responsible for functioning as the Technical Support Center interface for repair team activities requested of the Operations Support Center, and ensuring follow-up Condition Reports are initiated to properly document emergency repairs accomplished.
- 4.5 The Assistant OSC Coordinator is responsible for:
- 4.5.1 Assigning Discipline Leads to complete various tasks such as forming, briefing, and debriefing Emergency Response Teams.
  - 4.5.2 Assigning Emergency Response Team numbers for identification, accountability, and tracking purposes.
  - 4.5.3 Tracking status of key emergency activities.
- 4.6 The Radiological Coordinator is responsible for:
- 4.6.1 Ensuring Emergency Response Teams are equipped with proper radiation protection equipment and dosimetry.

**Emergency Teams**

- 4.6.2 Briefing Emergency Response Teams on radiological considerations utilizing Form 1, Emergency Response Team Briefing/Debriefing Form.
- 4.6.3 As necessary, briefing Emergency Response Teams on radiological considerations utilizing Addendum 2, Briefing for Workers Who May Receive Emergency Exposures to the Thyroid.
- 4.6.4 As necessary, briefing Emergency Response Teams on radiological considerations utilizing procedure 0ERP01-ZV-IN06, Radiological Exposure Guidelines, Addendum 2, Risks Involved with Exposures Greater Than 25 rem TEDE.
- 4.6.5 Reviewing each Form 1, Emergency Response Team Briefing/Debriefing Form upon completion of job.
- 4.7 The Resource Coordinator is responsible for obtaining parts and materials required by Emergency Response Team personnel to perform repairs and ensuring adequate tools, equipment, and personnel to perform emergency tasks.
- 4.8 The Security Coordinator is responsible for coordinating Security Force response activities with Operations Support Center and Emergency Response Teams.
- 4.9 The Operations Support Center Discipline Leads are responsible for assisting in:
  - 4.9.1 Selecting Emergency Response Team members.
  - 4.9.2 Ensuring Emergency Response Team briefings and debriefings using Form 1, Emergency Response Team Briefing/Debriefing Form.
  - 4.9.3 Determining extent of repair required, planning Emergency Response Team Work and identifying personnel, tools, and equipment needs.
  - 4.9.4 Requesting personnel, tools, and equipment from Resource Coordinator.
  - 4.9.5 Coordinating access to vital areas for Emergency Response Team with Security Coordinator.
  - 4.9.6 Keeping Assistant OSC Coordinator informed of the status of Emergency Response Team activities.
- 4.10 Emergency Response Team personnel are responsible for:
  - 4.10.1 Attending Team Leader briefings and debriefings as specified in this procedure.

**Emergency Teams**

- 4.10.2 Adhering to prescribed safety rules, radiological control requirements, following work instructions, and completing assigned tasks in a quality manner.
- 4.11 The OSC Communicator is responsible for collecting completed Emergency Response Team Work documentation and forwarding it to the Maintenance Manager.

**5.0 Procedure****NOTE**

Prior to activating Technical Support Center and Operations Support Center, if the emergency condition requires emergency repairs and damage control activities to be performed, these actions will be taken in accordance with guidelines as set forth in OPGP03-ZA-0090, Work Process Program.

- 5.1 Assistant OSC Coordinator:
  - 5.1.1 Direct Discipline Lead to form an Emergency Response Team.
  - 5.1.2 Provide the Team Number, Priority, Problem Description, Task/Objectives and Location of work.
  - 5.1.3 Approve dispatch of Emergency Response Team.
  - 5.1.4 Monitor status of team dispatch, work and return.
- 5.2 Discipline Leads:
  - 5.2.1 Selects Emergency Response Team members and briefs team on objectives and destination.
  - 5.2.2 Coordinates with the appropriate Planner and Resource Coordinator to obtain special parts or materials and completes applicable steps of Form 1, Emergency Response Team Briefing/Debriefing Form.
  - 5.2.3 Provides Form 1, Emergency Response Team Briefing/Debriefing Form to the Radiological Coordinator.
  - 5.2.4 Upon team return:
    - 5.2.4.1 Debrief team and review documentation of work/investigation performed.

**Emergency Teams**

5.2.4.2 Provides completed Form 1, Emergency Response Team Briefing/Debriefing Form to the Assistant OSC Coordinator for Team Close Out.

5.3 Radiological Coordinator:

5.3.1 Conduct radiological brief of Emergency Response Team, record on Form 1, Emergency Response Team Briefing/Debriefing Form

5.3.2 Upon team return, determine if expected radiological conditions where found.

5.4 The Assistant OSC Coordinator determines if a security threat, missing personnel or an operational hazard exists, completes applicable sections of Form 1, Emergency Response Team Briefing/Debriefing Form, and briefs the OSC Coordinator as items are completed.

5.4.1 Provides completed Form 1, Emergency Response Team Briefing/Debriefing Form to the OSC Communicator for retention.

5.5 At event termination or recovery, the OSC Communicator provides all Form 1, Emergency Response Team Briefing/Debriefing Forms to the Technical Support Center Maintenance Manager to ensure follow-up Condition Reports are initiated to document emergency repairs.

6.0 References

6.1 STPEGS Emergency Plan

6.2 OPGP05-ZV-0004, Emergency Plan Implementing Procedure Users Guide

6.3 0ERP01-ZV-IN06, Radiological Exposure Guidelines

6.4 0ERP01-ZV-OS01, OSC Coordinator

6.5 0ERP01-ZV-OS03, Radiological Coordinator

6.6 0ERP01-ZV-TS06, Maintenance Manager

6.7 OPGP03-ZA-0090, Work Process Program

7.0 Support Documents

7.1 Addendum 1, Recommended Emergency Response Team Composition

7.2 Addendum 2, Briefing for Workers Who May Receive Emergency Exposures to the Thyroid

7.3 Form 1, Emergency Response Team Briefing/Debriefing Form

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Addendum 1	Recommended Emergency Response Team Composition		Page 1 of 1

Radiation Protection personnel are required for entries into radiologically controlled areas or areas within the Protected Area that may have elevated radiological levels.

<u>Team Type</u>	<u>Team Composition</u>
Search and Rescue	1 Radiation Protection Technician 1 Security Officer (EMT)
Plant Area Survey Team/Offsite Field Team*	1 Radiation Protection Technician 1 designated individual
Damage Investigation	1 Mechanical/Electrical/I&C (Team Leader) 1 Radiation Protection Technician 1 Plant Operator
Equipment Repair Team	1 Mechanical/Electrical/I&C (Team Leader) 1 Radiation Protection Technician 1 Required repair personnel
Medical Emergency Team	1 Radiation Protection Technician 1 Security Officer (EMT)
PASS Team	2 PASS Chemists 1 Radiation Protection Technician
Security Response Team	2 Security Officers for non-radiologically controlled areas. 1 Security Officer and 1 Radiation Protection Technician for radiologically controlled areas.**
Operations Support Team	1 Plant Operator in non-radiologically controlled area. 1 Plant Operator and 1 Radiation Protection Technician in radiologically controlled area.**

\* Applies to Offsite Field Team dispatched from the Operations Support Center only.

\*\* Radiation Protection Technician not required with approval from the Radiological Manager if no unusual radiological conditions are occurring.

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<b>Emergency Teams</b>			
Addendum 2	Briefing for Workers Who May Receive Emergency Exposures to the Thyroid		Page 1 of 1

The Radiological Manager has recommended and the Emergency Director has approved the issuance of potassium iodide. The conditions, which currently exist, indicate you may receive an exposure to a fission product gas, radioactive iodine, which will be at a level which could cause harm to your thyroid. The thyroid is an organ located in your lower neck. The purpose of the thyroid in an adult is to regulate metabolism.

The Emergency Director has authorized the distribution of potassium iodide tablets that will minimize the harmful effects of radioactive iodine to your thyroid. You may remember from your training that potassium iodide is beneficial; however, it is not without risk. If you know you are allergic to iodine, do NOT take potassium iodide. Persons allergic to iodine who take potassium iodide will experience a severe reaction that may require hospitalization.

The risks from the use of potassium iodide for thyroid blocking in a radiation emergency are outweighed by the risks of developing radioiodine-induced thyroid nodules or cancer at a projected dose to the thyroid gland of 25 Rem. The Food and Drug Administration (FDA) recommends potassium iodide be considered for thyroid blocking in radiation emergencies.

Your agreement to take potassium iodide is a voluntary action.

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<b>Emergency Teams</b>			
Form 1	Emergency Response Team Briefing/Debriefing Form		Page 1 of 2

Team #  Priority:  Time:  Date:

**Discipline Lead:** \_\_\_\_\_

**Problem Description:** \_\_\_\_\_

**Task/Objective:** \_\_\_\_\_

**Location:** \_\_\_\_\_

(DISCIPLINE LEAD)		(RADIOLOGICAL COORDINATOR)		
Name/SSN	Badge #	Current Dose (Rem)	Expected Dose (Rem)	Approved Extension

**Communications**

Radio Channel: \_\_\_\_\_ Radio Check.  YES    OSC Telephone Number: \_\_\_\_\_

**Personnel Safety**

Equipment Clearance and Tagging:  YES     NO     N/A

Confined Space Entry Permit:  YES     NO     N/A

**Radiation Protection Requirements**

Protective Clothing:  None     Full     Plastic     Other:

Respiratory Protection:  None     Full Face     SCBA    Dosimetry:  Elec     TLD     SRD

**ALARA Brief:** \_\_\_\_\_

**Turnback Dose Rate (mR/hr)**     **Turnback Dose (mrem)**  **KI**    **Y / N**

**Entry Route:** \_\_\_\_\_

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<b>Emergency Teams</b>			
Form 1	Emergency Response Team Briefing/Debriefing Form		Page 2 of 2

**Date/Time of Return:**

Conditions Found:

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Tasks Performed:

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Current Status/Work to be completed:

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Recommended Actions/Other comments:

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Debriefed By:

Date/Time:

Reviewed By Radiation Protection:

Date/Time: