



South Texas Project Electric Generating Station PO Box 289 Wadsworth, Texas 77483

April 03, 2003  
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10CFR50 App E

U. S. Nuclear Regulatory Commission  
Attention: Document Control Desk  
Washington, DC 20555

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

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

If there are any questions regarding this matter, please contact me at (361) 972-8053.

A handwritten signature in black ink, appearing to read "P. L. Serra", is written over a horizontal line.

P. L. Serra  
Manager, Plant Protection

PLS/mk

Enclosure: Letter of Receipt  
Description of Changes  
0ERP01-ZV-IN07, Offsite Protective Action Recommendations, Rev. 8  
0ERP01-ZV-TS08, Security Manager, Rev. 9  
0ERP01-ZV-SH03, Acting Security Manager, Rev. 7

A045

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**To:** P. L. Serra  
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STP Nuclear Operating Company  
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Wadsworth, TX 77483

**From:** Emergency Planning Coordinator  
Region IV Office of the Regional Administrator  
U. S. Nuclear Regulatory Commission  
611 Ryan Plaza Drive, Suite 400  
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**Subject:** Receipt Acknowledgment for Changes to STP  
Emergency Plan Implementing Procedure

I hereby acknowledge having received changes to the STP Nuclear Operating Company's  
Emergency Plan Implementing Procedures.

\_\_\_\_\_  
Signature

\_\_\_\_\_  
Date

## Description of Changes

These revisions do not reduce the effectiveness or change the intent of the Emergency Response Program.

### **Procedure 0ERP01-ZV-IN07, Offsite Protective Action Recommendations, Rev. 8**

- Page 5, step 5.3, added directions for PARs based on zone changes because of frequently changing wind direction.
- Pages 6, 7, & 8 added the following clarification, “To select the appropriate evacuation zones and downwind sectors refer to Addendum 5, Protective Response Zones”.
- Page 9, Addendum 4, revised population numbers on Protective Response Zones Map

### **Procedure 0ERP01-ZV-TS08, Security Manager, Rev. 9**

- Page 6, step 1.6, added instruction to ensure the OCA Patrol Officer is contacted and dispatched to close public access to the OCA.
- Page 6, step 1.7, added instruction to send the OCA Patrol Officer to the EOF when duties are completed.
- Page 6, step 1.8, added directions to contact individual’s leasing STP property.
- Page 10, step 2.6.1, clarification to ensure security personnel are issued dosimetry.

### **Procedure 0ERP01-ZV-SH03, Acting Security Manager, Rev. 7**

- Page 4, step 1.6, added instruction to ensure the OCA Patrol Officer is contacted and dispatched to close public access to the OCA.
- Page 4, step 1.7, added instruction to send the OCA Patrol Officer to the EOF when duties are completed.
- Page 4, step 1.8, added directions to contact individual’s leasing STP property.
- Page 12, step 6, added space to document OCA Closure status.

|                                                  |                       |               |                             |
|--------------------------------------------------|-----------------------|---------------|-----------------------------|
| STI 31572485                                     | <b>0ERP01-ZV-IN07</b> | <b>Rev. 8</b> | Page 1 of 10                |
| <b>Offsite Protective Action Recommendations</b> |                       |               |                             |
| Quality                                          | Non Safety-Related    | Usage: N/A    | Effective Date: 03/10/03    |
| Max Keys                                         | N/A                   | N/A           | Emergency Response Division |
| PREPARER                                         | TECHNICAL             | USER          | COGNIZANT ORGANIZATION      |

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**Offsite Protective Action Recommendations****1.0 Purpose and Scope**

- 1.1 This procedure provides instructions for determining Offsite Protective Action Recommendations (PARs) for the general public.
- 1.2 PARs may be based on any of the following:
  - 1.2.1 Declaration of a General Emergency.
  - 1.2.2 Projected and/or actual measured doses offsite exceeding the EPA Protective Action Guidelines of 1 REM TEDE or 5 REM Thyroid CDE.
- 1.3 No PARs are required for the Unusual Event, Alert or Site Area Emergency classification.
- 1.4 This procedure implements the requirements of the South Texas Project Electric Generating Station (STPEGS) Emergency Plan specific to PARs.

**2.0 Definitions**

- 2.1 **COMMITTED DOSE EQUIVALENT (CDE):** Total dose from internally deposited radionuclides over subsequent 50 year period to a specific organ.
- 2.2 **EXCLUSION AREA BOUNDARY:** An oval shape that is at least 1,430 meters (4,692 feet, 0.889 miles) from the center of either containment building, see Addendum 3 of procedure 0ERP01-ZV-IN01, Emergency Classification. The Site Boundary and Exclusion Area Boundary are considered the same for dose assessment purposes.
- 2.3 **PROTECTIVE ACTIONS:** Any action taken to avoid or reduce a projected radiological dose to the public.
- 2.4 **PROTECTIVE ACTION GUIDE (PAG):** The projected dose to reference man, or other defined individual, from an unplanned release of radioactive material at which a specific protective action to reduce or avoid that dose is recommended.
- 2.5 **PROTECTIVE RESPONSE ZONES:** Designated areas that divide the ten mile Emergency Planning Zone (EPZ) by geographical boundaries, access roads and natural landmarks to facilitate evacuation of the public.
- 2.6 **RADIOLOGICAL RELEASE:** Any radiological release from the plant that exceeds the EAL limits established for an Unusual Event.
- 2.7 **SECTOR:** The emergency planning zone is divided into 16 sectors (22.5° each). Sectors are used to provide a visual representation of the location of the plume.
- 2.8 **TOTAL EFFECTIVE DOSE EQUIVALENT (TEDE):** The sum of the deep dose equivalent (external exposure) and the committed effective dose equivalent (internal exposure).

**Offsite Protective Action Recommendations****3.0 Precautions and Limitations**

- 3.1 PAR development is expected to be made promptly following indications that conditions have exceeded Protective Action Guides (PAGs). PARs shall be developed and given to the Emergency Director within 15 minutes of initial indications.
- 3.2 The PARs determined by this procedure are to be issued to State and County agencies as RECOMMENDATIONS. State and County agencies are responsible for determining and implementing protective actions for the general public.
- 3.3 Offsite agency notifications and Protective Action Recommendations should not be delayed until a dose assessment can be completed. Follow-up notifications can address the results of dose assessments.
- 3.4 Upon declaration of a General Emergency, a PAR shall be issued. This recommendation shall accompany notification of the emergency declaration and shall be issued within 15 minutes of the declaration of the Emergency Classification.
- 3.5 Changes in wind direction, stability class, or increase in release rates may result in the need to revise PARs to include additional protective response zones.
- 3.6 Wind direction changes that only affect additional downwind sectors shall be communicated to the Bureau of Radiation Control (BRC).
- 3.7 Any change to a PAR shall be issued on 0ERP01-ZV-IN02, Data Sheet 1, Offsite Agency Notification Message Form within 15 minutes of approval of the revision by the Emergency Director.
- 3.8 Any recommendation to relax protective measures implemented for the public requires joint concurrence by the State of Texas, Matagorda County, and the NRC.
- 3.9 If PARs have been made beyond 10 miles, then wind direction changes that affect additional sectors may result in the need to revise PARs.

**4.0 Responsibilities**

- 4.1 The Emergency Director shall be responsible for implementation of this procedure and the approval and release of PARs to offsite agencies.
- 4.2 The Radiological Director shall be responsible for making PAR recommendations to the Emergency Director.
- 4.2.1 If the Emergency Operations Facility is not activated and Command and Control is in the Technical Support Center, then the Radiological Manager is responsible for making Protective Action Recommendations to the Emergency Director.

**Offsite Protective Action Recommendations**

- 4.2.2 If neither the Technical Support Center nor the Emergency Operations Facility is activated, then the Acting Radiological Manager is responsible for making Protective Action Recommendations to the Emergency Director.

**5.0 Procedure**

- 5.1 Based on the judgement of the Radiological Director, Protective Action Recommendations are developed using the guidance provided in Addendum 2 or Addendum 3 and recommended to the Emergency Director.
- 5.2 Determine PARs at a General Emergency by one of the following methods:
- 5.2.1 IF a radiological release is in progress **AND** time does not permit the calculation and evaluation of downwind doses **OR** personnel are not available to complete these calculations, **THEN** determine the PAR using Addendum 1, Initial Protective Action Recommendation Flowchart.
- 5.2.2 IF a radiological release is **NOT** in progress, **THEN** determine the PAR using Addendum 2, Core/Containment Status Table.
- 5.2.3 IF a radiological release is in progress, **THEN** use Addendum 3, Radiological Release Table. Refer to 0ERP01-ZV-TP01, Offsite Dose Calculations, to determine projected downwind doses.
- Conditions presented in Addendum 3 are listed in order of preference based on available data.
  - Any single condition or combination of conditions may be used to determine the most appropriate PAR.
- 5.2.4 IF a PAR has been calculated and issued using Addendum 2, Core/Containment Status Table, and a radiological release begins, **THEN** determine PAR expansion using dose assessment or field monitoring results and Addendum 3, Radiological Release Table.
- 5.2.5 IF a PAR has been calculated and issued using dose assessment, and the radiological release is terminated, **THEN** determine PAR expansion using field monitoring results.
- 5.2.6 IF dose assessment results indicate PAGs are exceeded at 10 miles, **THEN**
- Verify dose projection with field team measurements.

**Offsite Protective Action Recommendations**

- If field team measurement supports the dose projection, then recommend to the Emergency Director that PARs be expanded to include the 10-mile radius and the downwind sectors greater than 10-miles in 2-mile increments until PAGs are not exceeded.

5.3 If weather conditions (such as frontal passage) are or would cause frequent revisions to the PAR due to downwind zone changes (frequently changing wind direction), then recommend protective actions affecting the entire radius.

5.4 Use Addendum 5, Protective Response Zones, and determine the affected zones and sectors. Use Addendum 4, Protective Response Zones Map, for a visual representation of PARs.

5.5 Provide PARs to the Emergency Director for approval and issuance.

## 6.0 References

6.1 STPEGS Emergency Plan

6.2 0ERP01-ZV-IN02, Notifications to Offsite Agencies

6.3 0ERP01-ZV-TP01, Offsite Dose Calculations

6.4 EPA 400, Manual of Protective Action Guides and Protective Actions for Nuclear Incidents

6.5 NUREG 0654, Criteria for Preparation and Evaluation of Radiological Emergency Response Plans and Preparedness in Support of Nuclear Power Plants

6.6 0PGP05-ZV-00004, Emergency Plan Implementing Procedure Users Guide

6.7 NEI 99-02, Revision 1, Regulatory Assessment Performance Guideline

## 7.0 Support Documents

7.1 Addendum 1, Initial Protective Action Recommendation Flowchart

7.2 Addendum 2, Core/Containment Status Table

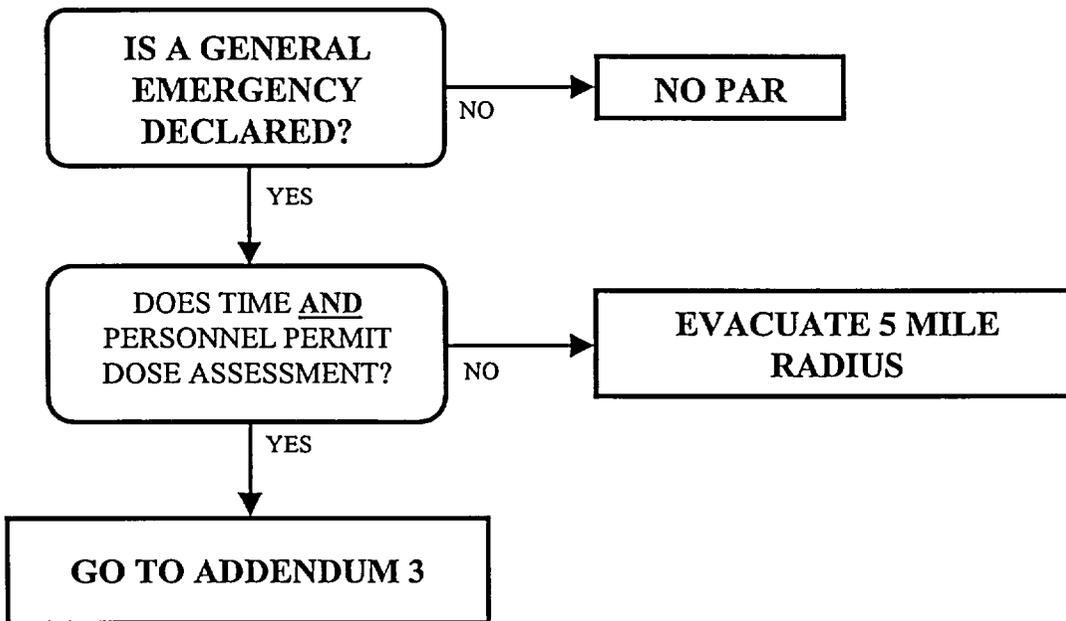
7.3 Addendum 3, Radiological Release Table

7.4 Addendum 4, Protective Response Zones Map

7.5 Addendum 5, Protective Response Zones

|                                                  |                                                    |               |              |
|--------------------------------------------------|----------------------------------------------------|---------------|--------------|
|                                                  | <b>0ERP01-ZV-IN07</b>                              | <b>Rev. 8</b> | Page 6 of 10 |
| <b>Offsite Protective Action Recommendations</b> |                                                    |               |              |
| Addendum 1                                       | Initial Protective Action Recommendation Flowchart |               | Page 1 of 1  |

**ENTRY REQUIREMENTS:** A General Emergency **AND** a radiological release is in progress **AND** time does not permit the calculation and evaluation of downwind doses **OR** personnel are not available to complete these calculations.



To select the appropriate evacuation zones and downwind sections, refer to Addendum 5, Protective Response Zones.

|                                                  |                               |        |              |
|--------------------------------------------------|-------------------------------|--------|--------------|
|                                                  | 0ERP01-ZV-IN07                | Rev. 8 | Page 7 of 10 |
| <b>Offsite Protective Action Recommendations</b> |                               |        |              |
| Addendum 2                                       | Core/Containment Status Table |        | Page 1 of 1  |

**ENTRY REQUIREMENTS:** General Emergency AND a radiological release is NOT in progress.

| CONTAINMENT HIGH RANGE RADIATION MONITOR (RT-8050, 8051) | CONTAINMENT PRESSURE | PROTECTIVE ACTION RECOMMENDATIONS |
|----------------------------------------------------------|----------------------|-----------------------------------|
|                                                          |                      | EVACUATION                        |
| Less Than 200 R/hr                                       | N/A                  | 2 Mile Radius                     |
| 200 R/hr to 1,000 R/hr                                   | < 5 psig             | 2 Mile Radius & 5 Miles Downwind  |
|                                                          | ≥ 5 psig             | 5 Mile Radius                     |
| Greater Than 1,000 R/hr                                  | < 5 psig             | 5 Mile Radius & 10 Miles Downwind |
|                                                          | ≥ 5 psig             | 10 Mile Radius                    |

To select the appropriate evacuation zones and downwind sectors, refer to Addendum 5, Protective Response Zones.

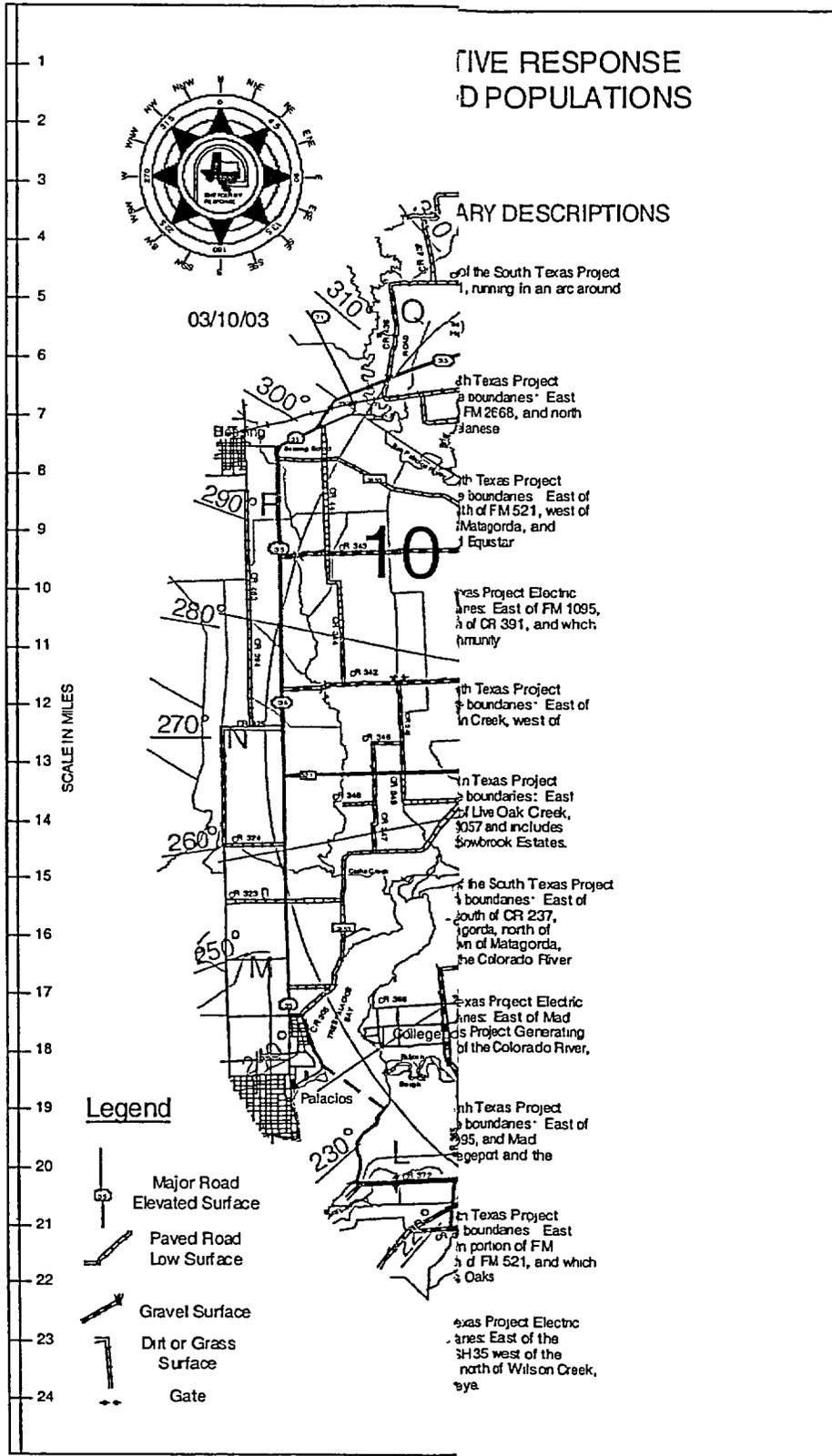
NOTE: Evaluated using Revision 7.0 of the STAMPEDE code. The evaluation involved running a series of calculations and comparing the offsite doses to the PAGs at 1, 5, and 10 miles. The gap inventory existing about 1 hour after reactor shutdown was assumed to best represent the nuclide mix. STAMPEDE defaults were assumed for the meteorology. The "containment leakage" method was used to calculate the release rate because this method allows the entry of both the containment pressure indications and the containment exposure rate measured by the RT8050 or RT8051 radiation monitors. (see CR 01-1243-1)

|                                                  |                            |               |              |
|--------------------------------------------------|----------------------------|---------------|--------------|
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| <b>Offsite Protective Action Recommendations</b> |                            |               |              |
| Addendum 3                                       | Radiological Release Table |               | Page 1 of 1  |

**ENTRY REQUIREMENTS:** General Emergency **WITH** a radiological release in progress. The Below List in order of preference based on available data.

| CONDITION                                                                                                                                                                                                                                                                                                                                                                                                                                                     | PROTECTIVE ACTION                                                                                                                                                                                                                                                        |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                                                                                                                                                                                                                                                                                                                                                                                                                                                               | EVACUATE                                                                                                                                                                                                                                                                 |
| <b>I. <u>PROJECTED DOSES</u></b> (For Short Duration Puffs only < 30 min)<br>a. Projected doses < PAG<br>(1 rem TEDE or 5 rem Thyroid CDE)<br>b. Projected doses $\geq$ PAG<br>(1 rem TEDE or 5 rem Thyroid CDE)                                                                                                                                                                                                                                              | a. Two mile radius<br>b. Two mile radius and zones in any sector projected to exceed PAG                                                                                                                                                                                 |
| <b>II. <u>PROJECTED DOSES BEYOND EXCLUSION AREA BOUNDARY</u></b><br>a. Projected doses < PAG<br>(1 rem TEDE or 5 rem Thyroid CDE)<br>b. Projected doses $\geq$ PAG 1-5 miles<br>(1 rem TEDE or 5 rem Thyroid CDE)<br>c. Projected doses $\geq$ PAG 5-10 miles<br>(1 rem TEDE or 5 rem Thyroid CDE)<br>d. Projected doses $\geq$ PAG at greater than 10-miles and dose projection is supported by field team measurements<br>(1 rem TEDE or 5 rem Thyroid CDE) | a. Two mile radius<br>b. Two mile radius and zones in affected downwind sectors to 5 miles<br>c. Five mile radius and zones in affected downwind sectors to 10 miles<br>d. Ten mile radius and affected downwind sectors in 2-mile increments until PAG is not exceeded. |
| <b>III. <u>DOSE RATES MEASURED AT PLUME CENTERLINE ON EXCLUSION AREA BOUNDARY</u></b><br>a. <100 mR/hr<br>b. 100 mR/hr to 1,000 mR/hr<br>c. >1,000 mR/hr                                                                                                                                                                                                                                                                                                      | a. Two mile radius<br>b. Two mile radius and zones in affected downwind sectors to 5 miles<br>c. Five mile radius and zones in affected downwind sectors to 10 miles                                                                                                     |
| <b>IV. <u>RELEASE RATES</u></b><br>a. $\geq$ EAL for General Emergency                                                                                                                                                                                                                                                                                                                                                                                        | a. Five mile radius and zones in affected downwind sectors to 10 miles                                                                                                                                                                                                   |
| <b>V. <u>DEFAULT VALUES (Addendum 1)</u></b><br>a. General Emergency                                                                                                                                                                                                                                                                                                                                                                                          | a. Five mile radius                                                                                                                                                                                                                                                      |

To select the appropriate evacuation zones and downwind sectors, refer to Addendum 5, Protective Response Zones.



|                                                  |                           |               |               |
|--------------------------------------------------|---------------------------|---------------|---------------|
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| <b>Offsite Protective Action Recommendations</b> |                           |               |               |
| Addendum 5                                       | Protective Response Zones |               | Page 1 of 1   |

**AFFECTED ZONES:** Determine affected sectors and protective response zones and enter onto 0ERP01-ZV-IN02, Data Sheet 1, Offsite Agency Notification Message Form.

**TWO MILE RADIUS: PROTECTIVE RESPONSE ZONES: 1**

**FIVE MILE RADIUS: PROTECTIVE RESPONSE ZONES: 1, 2, 3, 4, 5**

**TEN MILE RADIUS: PROTECTIVE RESPONSE ZONES: 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11**

| WIND DIRECTION FROM IS BETWEEN | AFFECTED DOWNWIND SECTORS | PROTECTIVE RESPONSE ZONE KEY HOLE |                                   |
|--------------------------------|---------------------------|-----------------------------------|-----------------------------------|
|                                |                           | 2 Mile Radius & 5 Miles Downwind  | 5 Mile Radius & 10 Miles Downwind |
| 164° to 174°                   | Q, R, A, B                | 1, 2, 5                           | 1, 2, 3, 4, 5, 6, 10, 11          |
| 175° to 185°                   | R, A, B                   | 1, 2                              | 1, 2, 3, 4, 5, 6, 11              |
| 186° to 196°                   | R, A, B, C                | 1, 2                              | 1, 2, 3, 4, 5, 6, 11              |
| 197° to 208°                   | A, B, C                   | 1, 2                              | 1, 2, 3, 4, 5, 6, 11              |
| 209° to 219°                   | A, B, C, D                | 1, 2                              | 1, 2, 3, 4, 5, 6, 11              |
| 220° to 230°                   | B, C, D                   | 1, 2                              | 1, 2, 3, 4, 5, 6                  |
| 231° to 241°                   | B, C, D, E                | 1, 2, 3                           | 1, 2, 3, 4, 5, 6, 7               |
| 242° to 253°                   | C, D, E                   | 1, 2, 3                           | 1, 2, 3, 4, 5, 6, 7               |
| 254° to 264°                   | C, D, E, F                | 1, 2, 3                           | 1, 2, 3, 4, 5, 6, 7               |
| 265° to 275°                   | D, E, F                   | 1, 2, 3                           | 1, 2, 3, 4, 5, 6, 7               |
| 276° to 286°                   | D, E, F, G                | 1, 2, 3                           | 1, 2, 3, 4, 5, 6, 7               |
| 287° to 298°                   | E, F, G                   | 1, 3                              | 1, 2, 3, 4, 5, 7                  |
| 299° to 309°                   | E, F, G, H                | 1, 3                              | 1, 2, 3, 4, 5, 7, 8               |
| 310° to 320°                   | F, G, H                   | 1, 3                              | 1, 2, 3, 4, 5, 7, 8               |
| 321° to 331°                   | F, G, H, J                | 1, 3                              | 1, 2, 3, 4, 5, 7, 8               |
| 332° to 343°                   | G, H, J                   | 1                                 | 1, 2, 3, 4, 5, 7, 8               |
| 344° to 354°                   | G, H, J, K                | 1                                 | 1, 2, 3, 4, 5, 7, 8, 9            |
| 355° to 5°                     | H, J, K                   | 1                                 | 1, 2, 3, 4, 5, 8, 9               |
| 6° to 16°                      | H, J, K, L                | 1                                 | 1, 2, 3, 4, 5, 8, 9               |
| 17° to 28°                     | J, K, L                   | 1                                 | 1, 2, 3, 4, 5, 8, 9               |
| 29° to 39°                     | J, K, L, M                | 1, 4                              | 1, 2, 3, 4, 5, 8, 9               |
| 40° to 50°                     | K, L, M                   | 1, 4                              | 1, 2, 3, 4, 5, 8, 9               |
| 51° to 61°                     | K, L, M, N                | 1, 4, 5                           | 1, 2, 3, 4, 5, 8, 9, 10           |
| 62° to 73°                     | L, M, N                   | 1, 4, 5                           | 1, 2, 3, 4, 5, 9, 10              |
| 74° to 84°                     | L, M, N, P                | 1, 4, 5                           | 1, 2, 3, 4, 5, 9, 10              |
| 85° to 95°                     | M, N, P                   | 1, 4, 5                           | 1, 2, 3, 4, 5, 9, 10              |
| 96° to 106°                    | M, N, P, Q                | 1, 4, 5                           | 1, 2, 3, 4, 5, 9, 10, 11          |
| 107° to 118°                   | N, P, Q                   | 1, 5                              | 1, 2, 3, 4, 5, 9, 10, 11          |
| 119° to 129°                   | N, P, Q, R                | 1, 5                              | 1, 2, 3, 4, 5, 9, 10, 11          |
| 130° to 140°                   | P, Q, R                   | 1, 5                              | 1, 2, 3, 4, 5, 10, 11             |
| 141° to 151°                   | P, Q, R, A                | 1, 2, 5                           | 1, 2, 3, 4, 5, 10, 11             |
| 152° to 163°                   | Q, R, A                   | 1, 2, 5                           | 1, 2, 3, 4, 5, 10, 11             |

|                         |                       |               |                             |
|-------------------------|-----------------------|---------------|-----------------------------|
| STI 31572487            | <b>0ERP01-ZV-TS08</b> | <b>Rev. 9</b> | Page 1 of 19                |
| <b>Security Manager</b> |                       |               |                             |
| Quality                 | Non Safety-Related    | Usage: N/A    | Effective Date: 03/10/03    |
| Max Keys                | N/A                   | N/A           | Emergency Response Division |
| PREPARER                | TECHNICAL             | USER          | COGNIZANT ORGANIZATION      |

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**Security Manager****1.0 Purpose and Scope**

- 1.1 This procedure specifies the actions to be completed by the Security Manager in the Technical Support Center (TSC) 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 Security Manager.

**2.0 Responsibilities**

- 2.1 The Security Manager is responsible for:
  - 2.1.1 Directing and implementing the station security emergency response activities.
  - 2.1.2 Implementing assembly and accountability efforts.
  - 2.1.3 Assisting with Protected and Owner Controlled Areas evacuation.
  - 2.1.4 Establishing special access controls.
  - 2.1.5 Providing for the expedient entry/exit of emergency vehicles.
  - 2.1.6 Directing changes to security operations based on radiological conditions.
  - 2.1.7 Determining level of compliance with current security procedures.
  - 2.1.8 Functioning as the primary interface with Local Law Enforcement Agencies.
  - 2.1.9 Coordinating with Local Law Enforcement Agencies to allow access through established roadblocks for responding Emergency Response Organization (ERO) personnel, supplies, and equipment.
  - 2.1.10 Coordinating security support for the Recovery Organization.

**3.0 Precautions and limitations**

- 3.1 0ERP01-ZV-IN04, Assembly and Accountability are required at a Site Area Emergency Classification or greater unless to do so would put site personnel at risk. Assembly and Accountability may be ordered by the Emergency Director at anytime as dictated by conditions.
- 3.2 0ERP01-ZV-IN05, Site Evacuation is required at a Site Area Emergency Classification or greater unless to do so would put site personnel at risk. Site Evacuation may be ordered by the Emergency Director at anytime as dictated by conditions.
- 3.3 The Technical Support Center is activated at an Alert Emergency or higher classification in accordance with Procedure 0ERP01-ZV-IN01, Emergency Classification.

## Security Manager

- 3.3.1 The Emergency Director has ordered the activation of the Technical Support Center to support response activities.

#### 4.0 References

- 4.1 STPEGS Emergency Plan
- 4.2 0ERP01-ZV-IN01, Emergency Classification
- 4.3 0ERP01-ZV-IN03, Emergency Response Organization Notification
- 4.4 0ERP01-ZV-IN04, Assembly and Accountability
- 4.5 0ERP01-ZV-IN05, Site Evacuation
- 4.6 0ERP01-ZV-SH03, Acting Security Manager
- 4.7 0ERP01-ZV-RE01, Recovery Operations
- 4.8 0ERP01-ZV-RE02, Documentation
- 4.9 0PGP05-ZV-0004, Emergency Plan Implementing Procedure Users Guide
- 4.10 0POP04-ZO-0007, Aircraft Crash Onsite

#### 5.0 Procedure

- 5.1 At an Alert or higher Emergency Classification or as directed by the Emergency Director report to the affected Unit's Technical Support Center and implement Data Sheet 1, Step 1.0 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.
- 5.3 Use Checklists to help direct emergency activities.
- 5.4 Consider restricting hand held radio transmissions during security events that include explosive or electronic controlled devices.

#### 6.0 Support Documents

- 6.1 Addendum 1, Shift Turnover Briefing
- 6.2 Data Sheet 1, Security Manager Checklist

|                         |                       |               |              |
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| <b>Security Manager</b> |                       |               |              |

6.3 Data Sheet 2, Site Security Control Orders

6.4 Data Sheet 3, TSC Manager Briefing Sheet

|                         |                         |               |              |
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| <b>Security Manager</b> |                         |               |              |
| Addendum 1              | Shift Turnover Briefing |               | Page 1 of 1  |

- 1.0 Provide a briefing of events to the relief person including the following areas:
  - Current Emergency Classification.
  - Completed checklists.
  - Completed Logs.
  - Data Sheet 2, Site Security Control Orders and any potential upcoming events that would require changing the security activities onsite.
  - Recovery plans developed and corrective action items for plant recovery.
  - Current shift schedule and staffing levels.
- 2.0 Inform the following personnel of the transfer of responsibility to the oncoming shift replacement:
  - All Technical Support Center Managers
  - Nuclear Regulatory Commission Counterpart
  - OSC Security Coordinator
  - Security Force Supervisor
  - Security Supervisor
- 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.
- 4.0 Verify your telephone number on the shift schedule. IF this telephone number is inside the 10 mile Emergency Planning Zone, THEN provide an alternate number for contact should evacuation of the Emergency Planning Zone be necessary.
- 5.0 Take a copy of your shift schedule.
- 6.0 Verify possession of a STPNOC Picture Badge for access through possible road blocks when returning to the site for the next shift or request a replacement Picture Badge from the Administrative Manager.
- 7.0 Sign out when leaving the Technical Support Center.

|                         |                            |               |              |
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| <b>Security Manager</b> |                            |               |              |
| Data Sheet 1            | Security Manager Checklist |               | Page 1 of 10 |

|               | (Name)      | (Date) | (Unit) |
|---------------|-------------|--------|--------|
| <b>Action</b> | <b>Time</b> |        |        |

1.0 INITIAL ACTIVITIES

- 1.1 Obtain a security hand held radio, and report to the Technical Support Center of the affected Unit and sign in on the Staffing Board. \_\_\_\_\_
- 1.2 Initiate an Emergency Action Log of significant activities. Document telephone calls made/received and any data or information received from or provided to other persons. \_\_\_\_\_
- 1.3 Obtain a briefing from the Acting Security Manager using 0ERP01-ZV-SH03, Data Sheet 3, Security Briefing Checklist. \_\_\_\_\_
- 1.4 Verify the Emergency Notification and Response System (ENRS) was activated in accordance with 0ERP01-ZV-IN03, Emergency Response Organization Notification. \_\_\_\_\_
- 1.5 Review with the Radiological Manager current radiological conditions that may impact security operations and advise the Security Force Supervisor of any necessary precautions. \_\_\_\_\_
- 1.6 Ensure the Owner Controlled Area (OCA) Patrol Officer has been dispatched to close public access to the OCA. The following areas should be closed:
  - STP North Access Road
  - FM521 Wetland Viewing Area
  - STP Visitor Center
  - Primary & Backup Meteorological Tower
 \_\_\_\_\_
- 1.7 When completed send officer to the Emergency Operations Facility. \_\_\_\_\_
- 1.8 Ensure the individual's leasing STP property is contacted to ensure the areas are not occupied. Telephone numbers are listed in the Emergency Communications Directory. \_\_\_\_\_
- 1.9 Review with the Maintenance Manager the current and planned inplant team activities and their locations. Brief the Security Force Supervisor of planned inplant activities. \_\_\_\_\_



|                         |                            |               |              |
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| <b>Security Manager</b> |                            |               |              |
| Data Sheet 1            | Security Manager Checklist |               | Page 3 of 10 |

| <u>Action</u>                                                                                                                                                                                                                                                       | <u>Time</u> |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|
| <ul style="list-style-type: none"> <li>• If not yet completed, instruct the Security Force Supervisor to direct Alpha &amp; Bravo Checkpoints to activate the OCA Pagers if issued and instruct them to report status when all Pagers are accounted for.</li> </ul> | _____       |
| 1.12 Notify the Security Force Supervisor and Security Coordinator when the TSC Manager assumes Emergency Director authority and responsibility.                                                                                                                    | _____       |
| 1.13 If changes to standard security procedures are necessary:                                                                                                                                                                                                      |             |
| <ul style="list-style-type: none"> <li>• Document any deviations from standard procedures using Data Sheet 2, Site Security Control Orders, and obtain Emergency Director approval.</li> </ul>                                                                      | _____       |
| <ul style="list-style-type: none"> <li>• Brief the Security Force Supervisor, Security Supervisor, Security Coordinator, and the NRC representatives at the Technical Support Center of any approved deviations.</li> </ul>                                         | _____       |
| <ul style="list-style-type: none"> <li>• Issue Data Sheet 2, Site Security Control Orders, to the Security Force Supervisor for briefing Security Officers and shift replacements.</li> </ul>                                                                       | _____       |
| 1.14 Brief the TSC Manager of any special security actions underway in response to the emergency condition and any Local Law Enforcement Agency activities being implemented.                                                                                       | _____       |
| <b>2.0 SPECIAL ACTIVITIES</b>                                                                                                                                                                                                                                       |             |
| <b>2.1 Personnel Emergency</b>                                                                                                                                                                                                                                      |             |
| <ul style="list-style-type: none"> <li>• Coordinate with the Assistant TSC Manager when informed of the arrival of an offsite ambulance and the location where the ambulance will meet the injured person, then:</li> </ul>                                         | _____       |
| <ul style="list-style-type: none"> <li>• Arrange for expedient entry/exit of the ambulance.</li> </ul>                                                                                                                                                              | _____       |
| <ul style="list-style-type: none"> <li>• Inform the Security Force Supervisor of the location where the ambulance should be directed and request notification when the ambulance arrives at and leaves the site.</li> </ul>                                         | _____       |
| <ul style="list-style-type: none"> <li>• Inform the Assistant TSC Manager when the ambulance arrives on site.</li> </ul>                                                                                                                                            | _____       |

|                  |                            |        |              |
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| Security Manager |                            |        |              |
| Data Sheet 1     | Security Manager Checklist |        | Page 4 of 10 |

| Action                                                                                                                                                                                                                                                                             | Time  |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|
| <ul style="list-style-type: none"> <li>• Inform the Assistant TSC Manager when the ambulance leaves site.</li> </ul>                                                                                                                                                               | _____ |
| 2.2 Assembly/Accountability                                                                                                                                                                                                                                                        |       |
| <ul style="list-style-type: none"> <li>• Coordinate with the Assistant TSC Manager and complete the Security Manager responsibilities in 0ERP01-ZV-IN04, Assembly and Accountability.</li> </ul>                                                                                   | _____ |
| <ul style="list-style-type: none"> <li>• Ten (10) minutes after assembly and accountability has been declared, make an announcement over the Technical Support Center public address system to remind personnel to card in on the facility Accountability Card Readers.</li> </ul> | _____ |
| 2.3 Search and Rescue                                                                                                                                                                                                                                                              |       |
| <ul style="list-style-type: none"> <li>• Record the names, badge numbers, and last known location of the missing persons identified by the Security Force Supervisor.</li> </ul>                                                                                                   | _____ |
| <ul style="list-style-type: none"> <li>• Inform the following of the missing persons:</li> </ul>                                                                                                                                                                                   | _____ |
| <ul style="list-style-type: none"> <li>• Assistant TSC Manager</li> </ul>                                                                                                                                                                                                          | _____ |
| <ul style="list-style-type: none"> <li>• Radiological Manager</li> </ul>                                                                                                                                                                                                           | _____ |
| <ul style="list-style-type: none"> <li>• OSC Security Coordinator</li> </ul>                                                                                                                                                                                                       | _____ |
| 2.4 Site Evacuation                                                                                                                                                                                                                                                                |       |
| <ul style="list-style-type: none"> <li>• Coordinate with the Assistant TSC Manager and complete the Security Manager responsibilities in 0ERP01-ZV-IN05, Site Evacuation.</li> </ul>                                                                                               | _____ |
| 2.5 Security Threat                                                                                                                                                                                                                                                                |       |
| <ul style="list-style-type: none"> <li>• Coordinate with the Security Force Supervisor to ensure implementation of necessary response actions to the security threat.</li> </ul>                                                                                                   | _____ |
| <ul style="list-style-type: none"> <li>• Brief the Technical Support Center staff and Nuclear Regulatory Commission representatives of any special security actions underway in response to the emergency condition.</li> </ul>                                                    | _____ |

|                         |                            |               |               |
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| <b>Security Manager</b> |                            |               |               |
| Data Sheet 1            | Security Manager Checklist |               | Page 5 of 10  |

| <b>Action</b> | <b>Time</b> |
|---------------|-------------|
|---------------|-------------|

- Coordinate with the Radiological Manager to implement any special radiological precautions for Security Force Personnel. \_\_\_\_\_
- Brief the Security Coordinator of the security threat and identify special precautions necessary for the emergency teams. \_\_\_\_\_
- Coordinate with the Assistant Operations Manager to: \_\_\_\_\_
- Identify vital equipment that could be at risk due to the security threat. \_\_\_\_\_
- Identify protective measures that should be taken for the Control Room. \_\_\_\_\_
- Direct the Security Force Supervisor to take special security measures to counter threats to vital areas and equipment at risk as identified by the Assistant Operations Manager. \_\_\_\_\_
- Advise the EOF Radiological Director of any security-related precautions that should be taken by environmental field teams. \_\_\_\_\_
- As necessary, if law enforcement personnel are responding to an event inside the Protected Area, contact the Deputy Emergency Operations Facility Director and request he/she make arrangements to expedite the process. \_\_\_\_\_
- Contact the Matagorda County Sheriff's Office and provide a briefing. Maintain periodic contact. \_\_\_\_\_

2.6 Radiological Release Occurring or Imminent \_\_\_\_\_

- 2.6.1 Verify that Electronic Dosimeters have been provided to all Security Officers and to the Unit 1 Power Block 60' Elev. (CAS)and West Gatehouse (SAS). \_\_\_\_\_
- 2.6.2 Confer with the Radiological Manager to determine which of the following facilities can continue to be occupied or used to shelter security personnel. \_\_\_\_\_
  - Central Alarm Station \_\_\_\_\_
  - Secondary Alarm Station \_\_\_\_\_

|                  |                            |        |               |
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| Security Manager |                            |        |               |
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| Action                                                                                                                                                                                                                                                                                                                                                                                                                                                               | Time  |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|
| <ul style="list-style-type: none"> <li>• East Gatehouse</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                   | _____ |
| <ul style="list-style-type: none"> <li>• West Gatehouse</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                   | _____ |
| <ul style="list-style-type: none"> <li>• Operations Support Center's</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                      | _____ |
| <ul style="list-style-type: none"> <li>• Technical Support Center's</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                       | _____ |
| <ul style="list-style-type: none"> <li>• Contact the Security Force Supervisor and:           <ul style="list-style-type: none"> <li>• Specify the precautionary radiological actions to be taken by Security Force personnel in the field.</li> </ul> </li> </ul>                                                                                                                                                                                                   | _____ |
| <ul style="list-style-type: none"> <li>• As necessary, initiate exposure authorization increases for security personnel and forward requests to the Radiological Manager.</li> </ul>                                                                                                                                                                                                                                                                                 | _____ |
| <ul style="list-style-type: none"> <li>• As necessary, initiate issuance of respiratory protection equipment to security personnel.</li> </ul>                                                                                                                                                                                                                                                                                                                       | _____ |
| <ul style="list-style-type: none"> <li>• Request notification of any offsite agency personnel arrival onsite and recommend any precautionary radiological actions to be taken at that time.</li> </ul>                                                                                                                                                                                                                                                               | _____ |
| <ul style="list-style-type: none"> <li>• If Electronic Dosimetry alarms, then notify a Radiation Protection Technician and the Security Manager.</li> </ul>                                                                                                                                                                                                                                                                                                          | _____ |
| <ul style="list-style-type: none"> <li>• If relocation of the East and West Gatehouse access control activities is necessary, then establish access control at the Emergency Operations Facility by:           <ul style="list-style-type: none"> <li>• Announcing over the security frequency, that all unassigned security personnel shall report to the Emergency Operations Facility to establish access control and security operations.</li> </ul> </li> </ul> | _____ |

|                         |                            |               |               |
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| Data Sheet 1            | Security Manager Checklist |               | Page 7 of 10  |

| Action | Time |
|--------|------|
|--------|------|

2.7 Issuance of Potassium Iodide (KI)

NOTE  
Consumption of Potassium Iodide is voluntary

- If directed by the Emergency Director to ingest Potassium Iodide, then contact the Security Coordinator and verify distribution of sufficient Potassium Iodide for all Security Force personnel.

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2.8 Toxic Gas/Chemical Release From Nearby Chemical Facilities

- Direct the Security Supervisor to warn personnel outside the Protected Area to seek shelter in buildings and turn off any ventilation system (or put in recirculation mode).

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2.9 Aircraft Crash Onsite

- Coordinate response actions for the airplane crash (utilize Security Supervisor, if available, for areas outside Protected Area).
- Dispatch security personnel to the scene to secure and preserve the crash scene as much as possible without hindering rescue efforts or plant emergency response efforts.
- Assist in completion of procedure 0POP04-ZO-0007, Aircraft Crash Onsite, Form 1, Aircraft Crash Information and provide to the Technical Manager.

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2.10 Evacuation of the Technical Support Center

- Collect the following items as necessary:
  - Security Manager's Emergency Response Manual.
  - Security Procedures
  - Security Radio
  - All security checklists and logs

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| <b>Action</b> | <b>Time</b> |
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- Follow any special precautions provided by the Radiological Manager for proceeding to the unaffected Unit's Technical Support Center or Emergency Operations Facility. \_\_\_\_\_
- Contact the Security Force Supervisor and inform him of the Technical Support Center evacuation. \_\_\_\_\_
- Confer with the Radiological Manager about the continued manning of Security facilities including the CAS/SAS. If possible, keep the CAS or SAS manned and make provisions for more frequent shift changes. \_\_\_\_\_
- Upon arrival at the new location, contact the Security Force Supervisor and Security Coordinator and provide a telephone number for future contact. \_\_\_\_\_

**3.0 ONGOING ACTIVITIES**

- Periodically brief the TSC Manager of any special security activities onsite. Use Data Sheet 3, TSC Manager Briefing Sheet. \_\_\_\_\_
- Periodically confer with the Radiological Manager concerning radiological conditions that could impact security operations and personnel. \_\_\_\_\_
- Periodically interface with the Procurement/Resources Supervisor located in the EOF on expected delivery times for equipment and supplies and ensure expedient processing of materials into the Owner Controlled Area. \_\_\_\_\_
- Act as the primary Technical Support Center liaison with the Nuclear Regulatory Commission on security events. \_\_\_\_\_
- Periodically brief the Security Force Supervisor and Security Supervisor, if available, of emergency team activities and locations. Provide an update of current Technical Support Center activities \_\_\_\_\_
- Maintain communications with the Security Coordinator and provide briefings. \_\_\_\_\_
- Maintain Data Sheet 2, Site Security Control Orders current. \_\_\_\_\_
- Report instances of eating, drinking, or chewing to the TSC Manager after these actions have been prohibited. \_\_\_\_\_

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| <b>Action</b> | <b>Time</b> |
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4.0 SHIFT CHANGE

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

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5.0 RECOVERY ACTIVITIES

- Inform the Security Force Supervisor, Security Coordinator and Security Supervisor of the Recovery.
- Ensure that a broadcast has been done, over the security frequency that Recovery has been declared and a roll call of the Security Force has been completed.
- Ensure that a Recovery sign has been posted at the East and West Gatehouses.
- Determine the manpower requirements necessary for upcoming security activities. Activate additional personnel, if necessary.
- Develop a list of activities and tasks that should be completed using 0ERP01-ZV-RE02, Documentation, Data Sheet 1, Corrective Action Items List, and provide a copy to the Assistant TSC Manager.
- Assist in development of recovery plans and procedures using guidance in 0ERP01-ZV-RE01, Recovery Operations.

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6.0 TERMINATION ACTIVITIES

- Inform the Security Force Supervisor, Security Coordinator and Security Supervisor of the Termination of the emergency condition. Ensure the following are completed:
  - Broadcast over the security frequency that Termination has been declared and complete a roll call of the Security Force.
  - Remove the emergency classification signs at the East and West Gatehouses.
  - Return the Emergency Response Manual, Safeguards Contingency Plan and Procedures as necessary.

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| <b>Security Manager</b> |                            |               |               |
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| <b>Action</b>                                                                                                                                                                                                                                                     | <b>Time</b> |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|
| <ul style="list-style-type: none"> <li>• Develop a list of activities and tasks that should be completed using 0ERP01-ZV-RE02, Form 1 Corrective Action Items List, and provide a copy of the list to the Assistant TSC Manager.</li> </ul>                       | _____       |
| <ul style="list-style-type: none"> <li>• Provide a list of any supplies or forms needing replenishment to the Administrative Manager.</li> </ul>                                                                                                                  | _____       |
| <ul style="list-style-type: none"> <li>• Collect and organize in chronological order all documents, checklists, and logs.</li> </ul>                                                                                                                              | _____       |
| <ul style="list-style-type: none"> <li>• With the Security Force Supervisor and Security Supervisor, write an Emergency Response Summary report using the guidance in 0ERP01-ZV-RE02, Documentation. Provide this report to the Assistant TSC Manager.</li> </ul> | _____       |
| <ul style="list-style-type: none"> <li>• Turn over all documentation generated during the emergency to the Administrative Manager.</li> </ul>                                                                                                                     | _____       |



|                         |                              |               |               |
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d. Compensatory posts:

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e. Patrols:

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f. Badging:

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g. Routine alarm response:

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h. Security patrols:

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i. Contingency response:

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| Data Sheet 2            | Site Security Control Orders |               | Page 3 of 3   |

j. Safeguards Information:

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k. Use of Force:

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l. Other:

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|--------------------------------|-----------------------|------------|-----------------------------|--------------|
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| <b>Acting Security Manager</b> |                       |            |                             |              |
| Quality                        | Non Safety-Related    | Usage: N/A | Effective Date: 03/10/03    |              |
| Max Keyes                      | N/A                   | N/A        | Emergency Response Division |              |
| PREPARER                       | TECHNICAL             | USER       | COGNIZANT ORGANIZATION      |              |

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## Acting Security Manager

## 1.0 Purpose and Scope

- 1.1 This procedure specifies the actions to be completed by the Acting Security Manager during a declared emergency.
- 1.2 This procedure implements the necessary Security emergency response actions for an Unusual Event and for initial immediate response for higher emergency classifications until relieved by the Security Manager.
- 1.3 This procedure implements the requirements of the South Texas Project Electric Generating Station (STPEGS) Emergency Plan specific to the Acting Security Manager.

## 2.0 Responsibilities

- 2.1 The Security Force Supervisor assumes the responsibilities of the Acting Security Manager until relieved. Those responsibilities include:
  - 2.1.1 Directing the implementation of on-site security emergency response activities.
  - 2.1.2 Implementing assembly and accountability efforts.
  - 2.1.3 Assisting with Protected and Owner Controlled Area evacuation.
  - 2.1.4 Establishing special access controls.
  - 2.1.5 Providing for the expedient entry/exit of emergency vehicles.
  - 2.1.6 Directing changes to security operations based on radiological conditions.
  - 2.1.7 Determining level of compliance with current security procedures.
  - 2.1.8 Notification of Emergency Response Organization (ERO) personnel utilizing The Emergency Notification and Response System (ENRS) as described in 0ERP01-ZV-IN03, Emergency Response Organization Notification.

## 3.0 Precautions and Limitations

- 3.1 0ERP01-ZV-IN04, Assembly and Accountability are required at a Site Area Emergency Classification or greater unless to do so would put site personnel at risk. The Emergency Director at anytime as dictated by conditions may order assembly and Accountability.
- 3.2 0ERP01-ZV-IN05, Site Evacuation is required at a Site Area Emergency Classification or greater unless to do so would put site personnel at risk. The Emergency Director at anytime as dictated by conditions may order site Evacuation.

## Acting Security Manager

#### 4.0 References

- 4.1 STPEGS Emergency Plan
- 4.2 0ERP01-ZV-IN03, Emergency Response Organization Notification
- 4.3 0ERP01-ZV-IN04, Assembly and Accountability
- 4.4 0ERP01-ZV-IN05, Site Evacuation
- 4.5 0ERP01-ZV-RE02, Documentation
- 4.6 0POP04-ZO-0007, Aircraft Crash Onsite
- 4.7 0PGP05-ZV-0004, Emergency Plan Implementing Procedure Users Guide

#### 5.0 Procedure

- 5.1 IF an Unusual Event or higher emergency classification is declared, implement Data Sheet 1, Acting Security Manager Checklist. Use Checklist to help direct emergency activities.
- 5.2 IF contacted by the Security Manager, provide a briefing of the current situation and the security activities underway using Data Sheet 2, Security Briefing Checklist.
- 5.3 WHEN responsibilities have been transferred to the Security Manager, THEN return to the implementation of Security procedures and discontinue the use of this procedure.
- 5.4 During an Alert or higher classification, ensure an ERO Qualified EMT is onsite.

#### 6.0 Support Documents

- 6.1 Data Sheet 1, Acting Security Manager Checklist
- 6.2 Data Sheet 2, Security Briefing Checklist



|                                |                                   |               |              |
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|               |             |
|---------------|-------------|
| <b>Action</b> | <b>Time</b> |
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1.10 Implement the following actions:

**CAUTION**

Evaluate the use of hand held radio transmissions during a credible bomb threat.

- |        |                                                                                                                                                                                                                                                                                                                             |       |
|--------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|
| 1.10.1 | Broadcast over the security frequency what classification has been declared, determine locations of, and complete a roll call of the Security Force.                                                                                                                                                                        | _____ |
| 1.10.2 | Ensure posting of the affected Unit and appropriate Emergency Classification signs at the East and West Gatehouses.                                                                                                                                                                                                         | _____ |
| 1.10.3 | Ensure an Emergency Response Organization qualified Emergency Medical Technician is responding to the Operations Support Center (OSC) when activated.                                                                                                                                                                       | _____ |
| 1.10.4 | Report any unusual activities or alarms that may be relevant to the current emergency condition to the Shift Supervisor (Emergency Director).                                                                                                                                                                               | _____ |
| 1.10.5 | Dispatch a Security Officer to the OSC (when activated) with vital area keys and 10 portable radios located at the MOF. This officer may be released upon arrival of the OSC Security Coordinator.                                                                                                                          | _____ |
| 1.10.6 | Upon an Alert or higher emergency classification activate the OCA Pagers, direct Alpha & Bravo Checkpoints to report status when all Pagers are accounted for.                                                                                                                                                              | _____ |
| 1.10.7 | Upon an Alert or higher emergency classification establish access control to the Protected Area. Allow entry of ERO personnel and NRC augment personnel responding to the Control Room, Technical Support Center (TSC), and Operations Support Center (OSC). Emergency Director approval is required for all other entries. | _____ |

|                                |                                   |               |              |
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| <b>Action</b> | <b>Time</b> |
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1.10.8 Upon an Alert or higher emergency classification establish access control to the Owner Controlled Area by positioning Security personnel at the access roads to FM 521 and allowing entrance only to personnel with STP badges, Federal badges, State/County Agency badges, or emergency response vehicles. Shift Supervisor (Emergency Director) approval is required for all other entries.

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1.10.9 Dispatch a Security Officer to the Emergency Operations Facility (EOF) (when activated) to perform access control functions.

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1.10.10 Activate additional personnel as required.

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1.10.11 Initiate assembly and accountability as directed by Shift Supervisor (Emergency Director) or at a Site Area Emergency of higher classification.

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**2.0 SPECIAL ACTIONS TO BE IMPLEMENTED AS NEEDED**

**2.1 Personnel Emergency**

2.1.1 When informed by the Shift Supervisor (Emergency Director) of the arrival of an offsite ambulance, and the location where the ambulance would meet the injured person, then:

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- Arrange for expedient entry/exit of the ambulance.
- Determine where the ambulance should be directed and notify the Shift Supervisor (Emergency Director) when the ambulance arrives at and leaves the site.

**2.2 Assembly/Accountability**

2.2.1 Coordinate with the Shift Supervisor (Emergency Director) and complete the Security Manager's responsibilities in 0ERP01-ZV-IN04, Assembly and Accountability.

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2.2.2 Direct the Secondary Alarm Station (SAS) Operator to activate the accountability software.

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|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|
| 2.2.3 Direct the Unit Lieutenants to implement assembly and accountability.                                                                                                               | _____       |
| 2.3 Search and Rescue                                                                                                                                                                     |             |
| 2.3.1 Coordinate with the Acting OSC Coordinator to assist in search and rescue efforts.                                                                                                  | _____       |
| 2.3.2 Determine the names, badge numbers, and last known location of the missing persons identified.                                                                                      | _____       |
| 2.3.3 Provide the Acting OSC Coordinator with any Security information that could impact search and rescue team efforts.                                                                  | _____       |
| 2.4 Site Evacuation                                                                                                                                                                       |             |
| 2.4.1 Coordinate with the Shift Supervisor (Emergency Director) and complete the Acting Security Manager's responsibilities in 0ERP01-ZV-IN05, Site Evacuation.                           | _____       |
| 2.5 Security Threat                                                                                                                                                                       |             |
| 2.5.1 Direct the Security Force to implement necessary response actions to the security threat.                                                                                           | _____       |
| 2.5.2 Brief the Shift Supervisor (Emergency Director) of any special security actions underway in response to the emergency condition.                                                    | _____       |
| 2.5.3 Coordinate with the Shift Supervisor (Emergency Director) to identify vital equipment that could be at risk due to the Security threat and take the necessary Security precautions. | _____       |
| 2.5.4 Advise the Shift Supervisor (Emergency Director) of any protective measures that should be taken by the Control Room.                                                               | _____       |

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| <b>Action</b>                                                                                                                                                                                                                                                                         | <b>Time</b> |
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| 2.5.5 IF the events underway are radiologically based, THEN coordinate with the Acting Radiological Manager and determine any special radiological precautions for Security Force Personnel. Broadcast over the Security frequency any radiological precautions that should be taken. | _____       |
| 2.5.6 Brief the Acting OSC Coordinator of the security threat and recommend precautionary actions that should be taken by the emergency teams.                                                                                                                                        | _____       |
| 2.5.7 Contact the Matagorda County Sheriff's Office and provide a briefing. Maintain periodic contact.                                                                                                                                                                                | _____       |
| 2.6 Radiological Release Occurring or Imminent                                                                                                                                                                                                                                        |             |
| 2.6.1 Review with the Acting Radiological Manager the impact of the radiological release on Security operations.                                                                                                                                                                      | _____       |
| 2.6.2 IF the events underway are radiologically based, THEN coordinate with the Acting Radiological Manager and determine any special radiological precautions for Security Force Personnel. Broadcast over the Security frequency any radiological precautions that should be taken. | _____       |
| 2.6.3 If necessary, reduce the number of Security Force personnel on patrol, in the Protected Area, and at Security facilities.                                                                                                                                                       | _____       |
| 2.6.4 If necessary, relocate Protected Area Access Control to other locations.                                                                                                                                                                                                        | _____       |
| 2.6.5 Verify that Electronic Dosimeters are being provided to all Security Officers and to the following locations:                                                                                                                                                                   | _____       |
| <ul style="list-style-type: none"> <li>• West Gatehouse (SAS)</li> <li>• Unit 1 Power Block 60' Elev. (CAS)</li> </ul>                                                                                                                                                                |             |
| 2.6.6 Direct the Security Officers to inform you of any alarms on the Electronic Dosimeters.                                                                                                                                                                                          | _____       |

|                         |                                   |        |              |
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| Action | Time |
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|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------|
| <p>2.6.7 Inform the Acting Radiological Manager of any alarms on Electronic Dosimeters and request further instructions.</p> <ul style="list-style-type: none"> <li>• Confer with the Acting Radiological Manager to determine which of the following facilities can continue to be occupied or used to relocate Security personnel and any support required.               <ul style="list-style-type: none"> <li>• CAS (maintain operational by rotating personnel)</li> <li>• SAS</li> <li>• East Gatehouse</li> <li>• West Gatehouse</li> </ul> </li> </ul> <p>2.6.8 Request notification when any offsite agency personnel arrive onsite and recommend any precautionary radiological actions to be taken at that time.</p> | <p>_____</p> <p>_____</p> <p>_____</p> |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------|

|                                                                  |
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| <p><b><u>NOTE</u></b></p> <p>Consumption of KI is voluntary.</p> |
|------------------------------------------------------------------|

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|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------|
| <p>2.7 Issuance of Potassium Iodide (KI)</p> <p>2.7.1 Contact the Acting OSC Coordinator and verify distribution of KI to Security Force Personnel. Assist with distribution of KI to Security Force Personnel.</p>           | <p>_____</p> |
| <p>2.8 Toxic Gas/Chemical Release From Nearby Chemical Facilities</p> <p>2.8.1 Warn personnel outside the Protected Area to seek shelter in buildings and turn off any ventilation system (or put in recirculation mode).</p> | <p>_____</p> |

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| <b>Action</b> | <b>Time</b> |
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2.9 Aircraft Crash Onsite

2.9.1 Coordinate response actions for the airplane crash (utilize Security Supervisor, if available, for areas outside Protected Area).

\_\_\_\_\_

2.9.2 Dispatch security personnel to the scene to secure and preserve the crash scene as much as possible without hindering rescue efforts or plant emergency response efforts.

\_\_\_\_\_

2.9.3 Assist in completion of procedure OPOP04-ZO-0007, Aircraft Crash Onsite, Form 1, Aircraft Crash Information and provide to the Shift Supervisor (Emergency Director).

\_\_\_\_\_

3.0 ONGOING ACTIONS

3.1 Periodically brief the Shift Supervisor (Emergency Director) of any special Security activities underway onsite.

\_\_\_\_\_

3.2 IF the events underway are radiologically based, THEN periodically confer with the Acting Radiological Manager concerning radiological conditions that could impact security operations and personnel.

\_\_\_\_\_

3.3 Periodically brief the Security Force of current activities.

\_\_\_\_\_

3.4 When the Security Manager arrives, provide a briefing of the current situation and security activities underway using Data Sheet 2, Security Briefing Checklist.

\_\_\_\_\_

3.5 When responsibilities have been transferred to the Security Manager, then return to the implementation of security procedures and discontinue the use of this procedure.

\_\_\_\_\_

4.0 TERMINATION ACTIONS

4.1 Broadcast over the Security frequency that the emergency classification has been terminated.

\_\_\_\_\_

4.2 Remove the emergency classification signs at the East and West Gatehouses.

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| <b>Action</b>                                                                                                                                                                                                 | <b>Time</b> |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|
| 4.3 Develop a list of activities and tasks that should be completed using 0ERP01-ZV-RE02, Form 1, Corrective Action Items Lists, and provide a copy of the list to the Shift Supervisor (Emergency Director). | _____       |
| 4.4 Provide a list of any supplies or forms needing replenishment to the Shift Supervisor (Emergency Director).                                                                                               | _____       |
| 4.5 Organize your logs and documents generated in chronological order and deliver to the Shift Supervisor (Emergency Director).                                                                               | _____       |
| 4.6 Assist the Shift Supervisor (Emergency Director) in completing the Emergency Response Summary Report in accordance with 0ERP01-ZV-RE02, Documentation.                                                    | _____       |

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| Data Sheet 2                   | Security Briefing Checklist |               | Page 1 of 1   |

ACTING SECURITY MANAGER: \_\_\_\_\_  
(Name)
(Date/Time)
(Unit)

TSC SECURITY MANAGER: \_\_\_\_\_  
(Name)

1. Security activities in response to the emergency:  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_
  
2. Status of Electronic Security System:  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_
  
3. Radiological events impacting Security operations:  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_
  
4. Current or expected deviation from Security procedures:  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_
  
5. Current staffing and needs for additional personnel:  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_
  
6. Closed Public Access Areas within the Owner Controlled Area (OCA) Status:  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_