



South Texas Project Electric Generating Station P.O. Box 289 Wadsworth, Texas 77483

November 21, 2002
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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 revisions to the Emergency Plan Procedures.

If there are any questions regarding this matter, please contact either Mr. Morgan at (361) 972-7004 or 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
OERP01-ZV-SH03, Acting Security Manager, Rev. 6
OERP01-ZV-TS08, Security Manager, Rev. 8
OPGP05-ZV-0011, Emergency Communications, Rev. 3

A045

cc:

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From: Emergency Planning Coordinator
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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 transmitted by STP letter NOC-AE-02001432.

Signature

Date

Description of Changes

Procedure 0ERP01-ZV-SH03, Acting Security Manager, Rev. 6

- Page 4, step 1.7, added the following – CAUTION Evaluate the use of hand held radio transmissions during a credible bomb threat. Page 5, step 1.7.6, added the following - Upon an Alert or higher emergency classification direct Alpha & Bravo Checkpoints to activate the OCA Pagers if issued and instruct them to report status when all Pagers are accounted for. Page 7, step 2.4.1, the following – Implement Owner Controlled Area evacuation by ensuring the Alpha & Bravo Checkpoints are contacted to activate the OCA Pagers and direct OCA Visitors offsite.

Procedure 0ERP01-ZV-TS08, Security Manager, Rev. 8

- Page 3, step 5.4, added step to consider restricting the use of field radios during security events. Add procedure steps from deleted procedure 0ERP01-ZV-TS12, Security Supervisor, Revision 4. Added steps 2.1.8, 2.1.9, 2.1.10, Data Sheet 1, step 1.1, 1.8, 2.6, and 3.0. Page 6, step 1.8, added direction to activate OCA pagers if necessary.

Procedure 0ERP01-ZV-TS12, Security Supervisor, Rev. 5

- This procedure has been deleted. Appropriate instructions in this procedure has been moved to procedure 0ERP01-ZV-TS08, Security Manager, Revision 8.

OPGP05-ZV-0011, Emergency Communications, Rev. 3

- Editorial, title changes, HL&P Dispatcher changed to STP Coordinator, HL&P changed to Texas Genco LP, and ECDC changed to STP Coordinator (QSE). Affected pages are 4, 7, & 16. Page 5, step 4.3.5, changed 4 to 2 Two (2) mobile cellular telephones provided to Field Teams.

SOUTH TEXAS PROJECT ELECTRIC GENERATING STATION

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| STI 31523699 | 0ERP01-ZV-SH03 | | Rev. 6 | Page 1 of 11 |
| Acting Security Manager | | | | |
| Quality | Non Safety-Related | Usage: N/A | Effective Date: 11/21/02 | |
| 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.

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

| | | |
|--------|--------|--------|
| _____ | _____ | _____ |
| (Name) | (Date) | (Unit) |

| | |
|---------------|-------------|
| Action | Time |
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1.0 INITIAL ACTIONS

- 1.1 Activate the Emergency Response Organization as required by and in accordance with 0ERP01-ZV-IN03, Emergency Response Organization Notification. _____
- 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 Verify the Emergency Notification and Response System (ENRS) was activated in accordance with 0ERP01-ZV-IN03, Emergency Response Organization Notification. _____
- 1.4 Contact the Shift Supervisor (Emergency Director) and inform him of your location. Obtain a briefing of the current situation. Determine if any special security actions should be implemented. _____
- 1.5 Contact Acting Radiological Manager to determine if any radiological conditions exist which may impact security operations. Advise Security Force personnel of the necessary precautions. _____
- 1.6 Contact the Acting OSC Coordinator and determine if any special support from security is needed for planned inplant emergency team activities. _____
- 1.7 Implement the following actions:

CAUTION

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

- 1.7.1 Broadcast over the security frequency what classification has been declared, determine locations of, and complete a roll call of the Security Force. _____
- 1.7.2 Ensure posting of the affected Unit and appropriate Emergency Classification signs at the East and West Gatehouses. _____

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| Action | | Time |
|---------------|---|-------------|
| 1.7.3 | Ensure an Emergency Response Organization qualified Emergency Medical Technician is responding to the Operations Support Center (OSC) when activated. | _____ |
| 1.7.4 | Report any unusual activities or alarms that may be relevant to the current emergency condition to the Shift Supervisor (Emergency Director). | _____ |
| 1.7.5 | 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. | _____ |
| 1.7.6 | Upon an Alert or higher emergency classification direct Alpha & Bravo Checkpoints to activate the OCA Pagers if issued and instruct them to report status when all Pagers are accounted for. | _____ |
| 1.7.7 | 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. | _____ |
| 1.7.8 | 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. | _____ |
| 1.7.9 | Dispatch a Security Officer to the Emergency Operations Facility (EOF) (when activated) to perform access control functions. | _____ |
| 1.7.10 | Activate additional personnel as required. | _____ |
| 1.7.11 | Initiate assembly and accountability as directed by Shift Supervisor (Emergency Director) or at a Site Area Emergency of higher classification. | _____ |

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| Acting Security Manager | | | |
| Data Sheet 1 | Acting Security Manager Checklist | | Page 3 of 7 |

| Action | Time |
|--|------|
| 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: | |
| <ul style="list-style-type: none"> • 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. | |
| 2.2.2 Direct the Secondary Alarm Station (SAS) Operator to activate the accountability software. | |
| 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. | |

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| Action | | Time |
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| 2.4 | Site Evacuation | |
| 2.4.1 | Coordinate with the Shift Supervisor (Emergency Director) and complete the Security Manager's responsibilities in 0ERP01-ZV-IN05, Site Evacuation. | |
| | <ul style="list-style-type: none"> Implement Owner Controlled Area evacuation by ensuring the Alpha & Bravo Checkpoints are contacted to activate the OCA Pagers and direct OCA Visitors offsite. | |
| 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. | |
| 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. | |

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| Acting Security Manager | | | |
| Data Sheet 1 | Acting Security Manager Checklist | | Page 5 of 7 |

| Action | | Time |
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| 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"> • West Gatehouse (SAS) • Unit 1 Power Block 60' Elev. (CAS) | _____ |
| 2.6.6 | Direct the Security Officers to inform you of any alarms on the Electronic Dosimeters. | _____ |
| 2.6.7 | Inform the Acting Radiological Manager of any alarms on Electronic Dosimeters and request further instructions. <ul style="list-style-type: none"> • 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. • CAS (maintain operational by rotating personnel) | _____ |

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| Acting Security Manager | | | |
| Data Sheet 1 | Acting Security Manager Checklist | | Page 6 of 7 |

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

- SAS
- East Gatehouse
- West Gatehouse

2.6.8 Request notification when any offsite agency personnel arrive onsite and recommend any precautionary radiological actions to be taken at that time.

NOTE

Consumption of KI is voluntary.

2.7 Issuance of Potassium Iodide (KI)

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.

2.8 Toxic Gas/Chemical Release From Nearby Chemical Facilities

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).

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 0POP04-ZO-0007, Aircraft Crash Onsite, Form 1, Aircraft Crash Information and provide to the Shift Supervisor (Emergency Director).

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

| Action | Time |
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| 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. | _____ |
| 4.3 Direct a Security Officer to collect the 10 portable radios and vital area keys delivered to the OSC. | _____ |
| 4.4 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). | _____ |
| 4.5 Provide a list of any supplies or forms needing replenishment to the Shift Supervisor (Emergency Director). | _____ |
| 4.6 Organize your logs and documents generated in chronological order and deliver to the Shift Supervisor (Emergency Director). | _____ |
| 4.7 Assist the Shift Supervisor (Emergency Director) in completing the Emergency Response Summary Report in accordance with 0ERP01-ZV-RE02, Documentation. | _____ |

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| | 0ERP01-ZV-SH03 | Rev. 6 | Page 11 of 11 |
| Acting Security Manager | | | |
| 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:

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| Security Manager | | | | |
| Quality | Non Safety-Related | Usage: N/A | Effective Date: 11/21/02 | |
| Max Keyes | 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 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.

Security Manager

3.3 The Technical Support Center is activated at an Alert Emergency or higher classification in accordance with Procedure 0ERP01-ZV-IN01, Emergency Classification.

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.

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| Security Manager | | | |

6.0 Support Documents

- 6.1 Addendum 1, Shift Turnover Briefing
- 6.2 Data Sheet 1, Security Manager Checklist
- 6.3 Data Sheet 2, Site Security Control Orders
- 6.4 Data Sheet 3, TSC Manager Briefing Sheet

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| | 0ERP01-ZV-TS08 | Rev. 8 | Page 5 of 19 |
| Security Manager | | | |
| 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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| Security Manager | | | |
| Data Sheet 1 | Security Manager Checklist | | Page 1 of 10 |

| | (Name) | (Date) | (Unit) |
|--------|--------|--------|--------|
| Action | | | Time |

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 | Review with the Maintenance Manager the current and planned inplant team activities and their locations. Brief the Security Force Supervisor of planned inplant activities. | _____ |
| 1.7 | Ensure that the following documents/equipment are available: <ul style="list-style-type: none"> • Security Manager's Emergency Response Manual. • Safeguards Contingency Plan and Procedures (as necessary). • Security Radio. | _____ _____ _____ |

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| Security Manager | | | |
| Data Sheet 1 | Security Manager Checklist | | Page 2 of 10 |

| Action | Time |
|---|------|
| <p>1.8 Inform the Security Force Supervisor and Security Coordinator of the classification and review/implement the following actions:</p> <ul style="list-style-type: none"> Broadcast over the security frequency what classification has been declared and complete a roll call of the Security Force. Direct posting of the affected Unit and appropriate Emergency Classification signs at the East and West Gatehouses. Report any unusual activities or alarms that may be relevant to the current emergency condition to the TSC Manager. Instruct the Security Force Supervisor to activate additional personnel as required. Inform the Administrative Manager of the additional staffing activated. Contact the Texas Department of Public Safety, Pierce Region, and the Matagorda County Sheriff's Office, and provide a briefing of any special security activities being implemented. Determine status of any Local Law Enforcement Agency activities being implemented and advise the TSC Manager. Dispatch a Security Officer to the Emergency Operations Facility to perform access control functions. Establish access control to the Protected Area and Owner Controlled Area. Allow entry of Emergency Response Organization personnel and Nuclear Regulatory Commission augment personnel responding to the Emergency Operations Facility, Control Room, Technical Support Center, and Operations Support Center. TSC Manager approval is required for all Protected Area entries. EOF Director approval is required for all Owner Controlled Area entries. Establish access control for the Owner Controlled Area. If not yet completed, instruct the Security Force Supervisor to direct Alpha & Bravo Checkpoints to activate the OCA Pagers if issued and instruct them to report status when all Pagers are accounted for. | |

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| Action | | Time |
|---------------|---|----------------------------------|
| 1.9 | Notify the Security Force Supervisor and Security Coordinator when the TSC Manager assumes Emergency Director authority and responsibility. | _____ |
| 1.10 | If changes to standard security procedures are necessary: <ul style="list-style-type: none"> Document any deviations from standard procedures using Data Sheet 2, Site Security Control Orders, and obtain Emergency Director approval. Brief the Security Force Supervisor, Security Supervisor, Security Coordinator, and the NRC representatives at the Technical Support Center of any approved deviations. Issue Data Sheet 2, Site Security Control Orders, to the Security Force Supervisor for briefing Security Officers and shift replacements. | _____ _____ _____ |
| 1.11 | 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. | _____ |
| 2.0 | SPECIAL ACTIVITIES | |
| 2.1 | Personnel Emergency <ul style="list-style-type: none"> 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: <ul style="list-style-type: none"> Arrange for expedient entry/exit of the ambulance. 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. Inform the Assistant TSC Manager when the ambulance arrives on site. Inform the Assistant TSC Manager when the ambulance leaves site. | _____ _____ _____ _____ |

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

| Action | Time |
|---|--|
| <p>2.2 Assembly/Accountability</p> <ul style="list-style-type: none"> • Coordinate with the Assistant TSC Manager and complete the Security Manager responsibilities in 0ERP01-ZV-IN04, Assembly and Accountability. • 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. | <p>_____</p> <p>_____</p> |
| <p>2.3 Search and Rescue</p> <ul style="list-style-type: none"> • Record the names, badge numbers, and last known location of the missing persons identified by the Security Force Supervisor. • Inform the following of the missing persons: <ul style="list-style-type: none"> • Assistant TSC Manager • Radiological Manager • OSC Security Coordinator | <p>_____</p> <p>_____</p> <p>_____</p> <p>_____</p> <p>_____</p> |
| <p>2.4 Site Evacuation</p> <ul style="list-style-type: none"> • Coordinate with the Assistant TSC Manager and complete the Security Manager responsibilities in 0ERP01-ZV-IN05, Site Evacuation. | <p>_____</p> |
| <p>2.5 Security Threat</p> <ul style="list-style-type: none"> • Coordinate with the Security Force Supervisor to ensure implementation of necessary response actions to the security threat. • Brief the Technical Support Center staff and Nuclear Regulatory Commission representatives of any special security actions underway in response to the emergency condition. | <p>_____</p> <p>_____</p> |

| | | | |
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| Security Manager | | | |
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| Action | Time |
|--|-------------|
| <ul style="list-style-type: none"> • Coordinate with the Radiological Manager to implement any special radiological precautions for Security Force Personnel. | _____ |
| <ul style="list-style-type: none"> • Brief the Security Coordinator of the security threat and identify special precautions necessary for the emergency teams. | _____ |
| <ul style="list-style-type: none"> • Coordinate with the Assistant Operations Manager to: <ul style="list-style-type: none"> • Identify vital equipment that could be at risk due to the security threat. | _____ |
| <ul style="list-style-type: none"> <ul style="list-style-type: none"> • Identify protective measures that should be taken for the Control Room. | _____ |
| <ul style="list-style-type: none"> • 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. | _____ |
| <ul style="list-style-type: none"> • Advise the EOF Radiological Director of any security-related precautions that should be taken by environmental field teams. | _____ |
| <ul style="list-style-type: none"> • 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. | _____ |
| <ul style="list-style-type: none"> • Contact the Matagorda County Sheriff's Office and provide a briefing. Maintain periodic contact | _____ |
| 2.6 Radiological Release Occurring or Imminent | |
| <ul style="list-style-type: none"> • Confer with the Radiological Manager to determine which of the following facilities can continue to be occupied or used to shelter security personnel. | _____ |
| <ul style="list-style-type: none"> <ul style="list-style-type: none"> • Central Alarm Station | _____ |
| <ul style="list-style-type: none"> <ul style="list-style-type: none"> • Secondary Alarm Station | _____ |

| | | | |
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| Data Sheet 1 | Security Manager Checklist | | Page 6 of 10 |

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

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| 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.

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).

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.

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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| Action | Time |
|--|-------|
| <ul style="list-style-type: none"> Follow any special precautions provided by the Radiological Manager for proceeding to the unaffected Unit's Technical Support Center or Emergency Operations Facility. | _____ |
| <ul style="list-style-type: none"> Contact the Security Force Supervisor and inform him of the Technical Support Center evacuation. | _____ |
| <ul style="list-style-type: none"> 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. | _____ |
| <ul style="list-style-type: none"> 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 | |
| <ul style="list-style-type: none"> Periodically brief the TSC Manager of any special security activities onsite. Use Data Sheet 3, TSC Manager Briefing Sheet. | _____ |
| <ul style="list-style-type: none"> Periodically confer with the Radiological Manager concerning radiological conditions that could impact security operations and personnel. | _____ |
| <ul style="list-style-type: none"> 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. | _____ |
| <ul style="list-style-type: none"> Act as the primary Technical Support Center liaison with the Nuclear Regulatory Commission on security events. | _____ |
| <ul style="list-style-type: none"> 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 | _____ |
| <ul style="list-style-type: none"> Maintain communications with the Security Coordinator and provide briefings. | _____ |
| <ul style="list-style-type: none"> Maintain Data Sheet 2, Site Security Control Orders current. | _____ |
| <ul style="list-style-type: none"> Report instances of eating, drinking, or chewing to the TSC Manager after these actions have been prohibited. | _____ |

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| Action | Time |
|--|--------------------------|
| 4.0 SHIFT CHANGE <ul style="list-style-type: none"> Upon arrival of your shift replacement, complete all actions listed on Addendum 1, Shift Turnover Briefing. | _____ |
| 5.0 RECOVERY ACTIVITIES <ul style="list-style-type: none"> 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. | |
| 6.0 TERMINATION ACTIVITIES <ul style="list-style-type: none"> Inform the Security Force Supervisor, Security Coordinator and Security Supervisor of the Termination of the emergency condition. Ensure the following are completed: <ul style="list-style-type: none"> 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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| Action | Time |
|---|-------------|
| <ul style="list-style-type: none"> • 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. | _____ |
| <ul style="list-style-type: none"> • Provide a list of any supplies or forms needing replenishment to the Administrative Manager. | _____ |
| <ul style="list-style-type: none"> • Collect and organize in chronological order all documents, checklists, and logs. | _____ |
| <ul style="list-style-type: none"> • 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. | _____ |
| <ul style="list-style-type: none"> • Turn over all documentation generated during the emergency to the Administrative Manager. | _____ |

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| Data Sheet 2 | Site Security Control Orders | | Page 1 of 3 |

| | | |
|---|--------------------|---------------|
| _____ Approved by Security Manager | _____ Date/Time | _____ Unit |
| _____ Approved by TSC Manager | _____ Date/Time | |
| _____ Approved by Emergency Director | _____ Date/Time | |

A. Review of Administrative, Barrier, Monitoring, Response, and Security Procedures results with the following:

1. All current procedures remain in effect ☐

OR (check one)

2. Current procedures remain in effect except for the following deviations: ☐

a. Fire door patrols:

| |
|-------|
| _____ |
| _____ |
| _____ |

b. Locks and keys:

| |
|-------|
| _____ |
| _____ |
| _____ |

c. Security barriers:

| |
|-------|
| _____ |
| _____ |

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

d. Compensatory posts:

e. Patrols:

f. Badging:

g. Routine alarm response:

h. Security patrols:

i. Contingency response:

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

j. Safeguards Information:

k. Use of Force:

l. Other:

| | | | |
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| Data Sheet 3 | TSC Manager Briefing Sheet | | Page 1 of 1 |

| | (Name) | (Date) | (Unit) |
|------|--|--------|------------|
| I. | Special Security Events in progress | | Time _____ |
| | | | |
| | | | |
| | | | |
| | | | |
| II. | Radiological Conditions affecting Security | | |
| | | | |
| | | | |
| | | | |
| | | | |
| III. | Local Law Enforcement Activities supporting STPNOC | | |
| | | | |
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| | | | |
| IV. | Security Deviations | | |
| | | | |
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| Emergency Communications | | | |
| Quality | Non Safety-Related | Usage: Available | Effective Date: 11/21/02 |
| Max Keyes | N/A | N/A | Emergency Response Division |
| PREPARER | TECHNICAL | USER | COGNIZANT ORGANIZATION |

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Emergency Communications**1.0 Purpose and Scope**

- 1.1 This procedure provides guidance in the use of emergency communications systems when responding to an emergency or drill/exercise at the South Texas Project Electric Generating Station (STPEGS).

2.0 Definitions

- 2.1 FTS 2000 System: A federal telephone system used by the Nuclear Regulatory Commission (NRC) and nuclear utilities for emergency communications.
- 2.2 RINGDOWN LINE: A telephone line that does NOT require the operator or caller to dial a number to activate the circuit.
- 2.3 UNIT OVERRIDE: A circuit select switch (CSS) found on selected communications consoles, which when selected, activates prioritization circuitry for public address announcements. Additionally, when activated, this button directs announcements to **ALL** public address zones.

3.0 Responsibilities

- 3.1 The Emergency Director, or designee, is responsible for activating the Emergency Notification System (ENS) to notify the NRC of drills/exercises or a declared emergency, and to maintain communications with the NRC Operations Center.
- 3.2 The Emergency Director, or designee, is responsible for activating the State/County ringdown line to notify State/County officials of a declared emergency.
- 3.3 The Radiological Manager or Radiological Director is responsible for activating the Health Physics Network (HPN) if requested by the NRC, to inform the Health Physics Section of the NRC of the emergency radiological environmental conditions and to coordinate health physics information and response during a declared emergency or during drills/exercises at the STPEGS.
- 3.4 The Manager, Information Systems or designee is responsible for the installation, testing, maintenance, and modifications of the emergency communications systems.

Emergency Communications**4.0 Emergency Communications System****NOTE**

Refer to Addendum 2, Notification Methods to Offsite Agencies, for alternate telephone numbers and notification methods to be used throughout this procedure.

IF all other onsite communication methods are unavailable, THEN use the Satellite Briefcase Telephone to communicate with off-site agencies (e.g., NRC, State, County, etc.)

4.1 Emergency Telephone Circuits**4.1.1 Emergency Notification System (ENS)**

- a. The ENS is a telephone circuit provided by the NRC and is terminated on an FTS 2000 telephone. The principal method of communications with the NRC is the ENS. The circuit may also be activated by the NRC. The ENS is activated to notify the NRC of drills/exercises or a declared emergency and to maintain communications with the NRC Operations Center.
- b. IF the ENS is determined to be out of service and upon subsequent return to service, THEN notify the NRC Operations Center.
- c. ACTIVATE the ENS by lifting the handset on the telephone and dialing the appropriate number.

4.1.2 State and County Ringdown Line

- a. The State/County ringdown line is provided to notify State and County officials of a declared emergency. The State/County ringdown line is an automatic ringdown telephone circuit terminated on a communications console OR an ORANGE telephone.
- b. ACTIVATE the State/County ringdown line by:
 - LIFTING the HANDSET on the ORANGE telephone
 - or
 - UTILIZING the communication console in accordance with Step 4.8.

4.1.3 Health Physics Network (HPN)

Emergency Communications

- a. The Health Physics Network (HPN) is a telephone circuit provided by the NRC and is terminated on an FTS 2000 telephone. It is to be used only at the request of the NRC. The HPN telephone is designed to provide communications with the NRC Health Physics Section and/or other nuclear power plants during a declared emergency or drill/exercises. STPEGS health physics personnel MAY request a conference call with other nuclear power plants on the HPN by asking the NRC to connect the desired plant(s).
- b. IF the HPN telephone line is determined to be out of service and upon subsequent return to service, THEN notify the NRC Operations Center. (IEN 89-19)
- c. ACTIVATE the HPN by lifting the handset on the telephone and dialing the appropriate number.

4.1.4 STP Coordinator Ringdown Line

- a. The STP Coordinator ringdown line is an automatic ringdown between the Qualified Scheduling Entity and STPEGS communications consoles.
- b. Utilize the communications console in accordance with Step 4.8.

4.2 800 Megahertz Radio

4.2.1 The 800 Mhz radio is a dual operation radio, meaning that it can operate on trunking or conventional systems. Texas Genco LP uses both trunking and conventional radio systems. STPEGS has a DGT9000 console.

4.2.2 To send an emergency alarm or call:

- a. Press the emergency [red button-upper left-marked EMER] button to begin an emergency transmission. An alarm signal will be sent to the Qualified Scheduling Entity. The dispatcher will call you back and acknowledge the emergency.
- b. To send an urgent call press the URG key and a dispatcher will answer.
- c. To send a normal call press the ECC button and a dispatcher will answer.
- d. To make phone calls:

Emergency Communications

- Press the phone key [#8] to select the phone function. Use the MODE switch to scroll to the KEYPAD DIAL display. Press the [Sel] select key to enable the keypad. Enter the number from the keypad; each digit is dialed as it is entered.
- To hang up hit the HOME key.

4.3 Telephone System

- 4.3.1 The STPEGS Telephone System consists of company owned and maintained telephone switching equipment and cable. The onsite system is connected to regular telephone services via an onsite demarcation point. The offsite services are provided by General Telephone and Electronics (GTE) and Southwestern Bell Telephone. Offsite commercial telephone services are augmented by a Texas Genco LP owned and operated microwave system. The microwave system provides telephone and data services via tie lines into the Houston corporate offices. The corporate office telephone system interconnects into the local telephone system in Houston. The combined microwave and corporate office telephone systems provide augmentation to the normal local onsite - offsite telephone services at STPEGS.
- 4.3.2 Calling in (from offsite) may be accomplished in one of two ways:
- a. Direct inward dialing (DID), OR
 - b. Calling the site number of (361) 972-3611 and using the automated attendant. Direct inward dialing extensions begin with a 7 or 8. All others must go through the automated attendant.
- 4.3.3 Calling offsite (from onsite) may be accomplished in one of two ways:
- a. DIAL 9-1-AREA CODE - telephone number, OR
 - b. DIAL 32-0 to Texas Genco LP and have the Operator complete the call.
- 4.3.4 Onsite calling is accomplished by dialing the desired extension number.
- 4.3.5 Two (2) mobile cellular telephones are provided to Offsite Field Teams as a back up to radio communications.

Emergency Communications**4.4 Satellite Briefcase Telephone****NOTE**

A portable, independent telephone briefcase is provided to the Station as a backup to all company owned and commercial telephone equipment/services. This telephone can be utilized for worldwide access via a geo-stationary satellite. The telephone briefcase is maintained in 1 of the 2 control rooms.

An unobstructed view of the southeast sky is required for an adequate link to the satellite. For this reason, the telephone briefcase must be used outside. Ensure personal safety is maintained in the event of inclement weather, etc.

- 4.4.1 CONNECT the telephone to an available source of power.
- 4.4.2 DEPRESS the POWER switch on the telephone base to energize the telephone.
- 4.4.3 AIM the briefcase telephone antenna at the satellite (120 degrees with 45 degrees elevation).
- 4.4.4 DEPRESS the SHIFT/F7 keys and ADJUST the antenna for the highest signal-to-noise ratio.
 - a. When the highest value has been obtained, DEPRESS the ESC key to return to the main menu.
- 4.4.5 DIAL 00 for the international calling code.
- 4.4.6 DIAL 1 for the country code - United States.
- 4.4.7 Dial the desired area code and telephone number.
 - a. DEPRESS the # key to send/commence the call.
 - b. DEPRESS the ESC key end/complete the call.

4.5 Radio Communications

Emergency Communications

- 4.5.1 The Radio Communications System consists of repeaters, mobile, handheld, and base two-way FM transceivers licensed to Texas Genco LP by the Federal Communications Commission. The radio repeaters are installed in a radio communications building at the base of the radio antenna tower onsite. The repeaters are supplied normal power from the plant power and emergency power from an automatic starting engine driven generator. The generator is supplied fuel from a local fuel tank. The handheld, mobile and base stations are programmed to operate through the repeaters or direct.
- 4.5.2 Radio communications with the Matagorda County Emergency Operations Center is accomplished by the use of a radio transmitter/receiver in the Security Central and Secondary Alarm Stations, and a transmitter/receiver at the Matagorda County Sheriff's Office tuned to an STPEGS radio frequency.
- 4.5.3 Offsite Field Team radio communications are accomplished on Texas Genco LP licensed radio channels. The repeaters provide coverage of the ten mile Emergency Planning Zone from one handheld radio to another handheld radio or to a base station.

CAUTION

Handheld radios SHALL NOT be used to transmit from inside the ESF Switch Gear Room, Control Room, Technical Support Center, Emergency Operations Facility, Auxiliary Shut Down Panel Rooms, Computer Rooms, nor within ten (10) feet of an open instrument cabinet, computer or computer terminals. The only exception to the above restrictions are emergencies where a threat exists to the plant OR human safety and no other means of emergency communications are available.

- 4.5.4 **PERFORM** the following to use a radio for communication:
- a. **ALIGN** the assigned radio channel on the handheld by selecting the appropriate channel number and Modes A and B for repeater or Mode C for direct communication.
 - b. **PRESS** the microphone button and talk, keeping the microphone about 2 inches in front of the mouth, and
 - c. **RELEASE** the microphone button to receive, AND **ADJUST** the volume by turning the knob marked VOL.
 - d. **ADJUST** the squelch by turning the knob marked SQUELCH until noise is heard, then back until the speaker is quiet. This setting is for the maximum sensitivity, only on mobile radios.

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e. Communicate with other portable, mobile or base radio stations.

4.6 Glenayre Paging System

4.6.1 The Glenayre Paging System is a tone system that may be activated from plant telephones or from an offsite touch-tone telephone. The system has a range of over a 60-mile radius from the site. The system transmitters are connected to emergency power generators with automatic starting equipment.

4.6.2 Instructions for activating the Glenayre Paging System are contained in OERP01-ZV-IN03, Emergency Response Organization Notification.

4.7 Maintenance Jack Communications System

4.7.1 A maintenance jack amplified and sound-powered telephone system is available for onsite communication between certain areas. Refer to Addendum 4, Related Maintenance Jacks. The system is powered by amplifiers on predesigned circuits. Each circuit may be activated or combined with another circuit by the proper selections on the system control panels located in each Control Room. The system has the capability to be voice activated. The voice-activated circuit is one loop that interconnects each of the maintenance jack terminals into one circuit.

4.7.2 IF it is desired to have amplified voice communications, THEN PERFORM the following:

4.7.3 SELECT the desired zones on the selection panel in the Control Room.

a. INSERT a headset plug into one of the jack stations marked 1 or 2 at the area.

b. INSERT a headset plug into the jack marked plant for voice-powered communications at the desired jack station.

4.8 Communications Console System

4.8.1 The communications console is an integrated communications panel and switching system which is subdivided into seven groups: direct line (ringdown), telephone, radio (RF), public address (PA), alarm system, conference, and voice direct line (VDL). Refer to Addendum 1, Communications Console Panel, for locations of the console controls. Each communications group is composed of several two-position switches. These positions are:

a. MONITOR - Top position (amber light will glow)

Emergency Communications

b. TALK/LISTEN - Down position (green light will glow)

- 4.8.2 These panels are installed in the Control Rooms, Auxiliary Shutdown Panel Rooms, Operations Support Centers, Technical Support Centers, Emergency Operations Facility, Security Force Supervisor's Office, Central and Secondary Alarm Stations, Simulator and in the Maintenance Office Facility. During Refueling Outages, panel(s) may be installed on the applicable units One Stop Shop.

NOTE

Many circuits may be monitored simultaneously. These circuits are heard through the left ear if using the headset. The volume for the monitor position is controlled by the MONITOR VOLUME control located in the Handset/Headset Control Group.

Usually the communicator operating the console will be talking (TALK/LISTEN switch is activated) on only one circuit at a time. These conversations will be heard through the right ear if using the headset. The volume control for the TALK/LISTEN position is controlled with the RECEIVE VOLUME control also located in the Handset/Headset Control Group.

The communicator may actively communicate with all circuits simultaneously. It is important to note that all circuits with the TALK/LISTEN switch activated will hear the communicators conversation, which may not be desirable. To deactivate, depress the TALK/LISTEN switch a second time to clear the green light.

- 4.8.3 Direct Line (Ringdown) Group Operation

CAUTION

Activating the circuit select switch (CSS) in the MONITOR (top position) will activate an Idle Circuit and cause the ringdown line to ring. The position switch SHALL be in the TALK/LISTEN (bottom position) before speaking.

- a. WHEN it is desired to place a call, THEN perform the following:

NOTE

The next step will ringdown the other phone.

- Activate the appropriate circuit select switch in the TALK/LISTEN position.

Emergency Communications

- WHEN the phone is answered, THEN PRESS the push-to-talk button when speaking.
- WHEN communication is terminated, THEN DEACTIVATE the bottom TALK/LISTEN position switch.

NOTE

An audible signal will be heard through the speaker and the CSS red lamp will flash when a party is calling.

a. WHEN a call is received, THEN perform the following:

- ACTIVATE the bottom TALK/LISTEN position switch.
- WHEN it is desired to talk, THEN press the push-to-talk button when speaking.
- WHEN communication is terminated THEN deactivate the bottom TALK/LISTEN position switch.

4.8.4 Telephone Group Operation

NOTE

All normal site phone functions are available through the console.

a. IF it is desired to make a call, THEN PERFORM the following:

- ACTIVATE the circuit select switch for selected extension in the TALK/LISTEN (bottom) position AND WAIT until a dial tone is received on the headset or handset.
- DIAL the number using the telephone keypad.
- WHEN the number called answers, THEN PRESS the push-to-talks button while speaking.
- WHEN communication is terminated, THEN DEACTIVATE the TALK/LISTEN switch.

b. WHEN a call is received, THEN PERFORM the following:

Emergency Communications**NOTE**

An audible signal will be heard through the speaker and the CSS red light will flash when another party is calling.

- **ACTIVATE** the circuit select switch (CSS) in the TALK/LISTEN (bottom position).
- **WHEN** it is desired to talk, **THEN PRESS** the push-to-talk button while speaking.
- **WHEN** communication is terminated **THEN DEACTIVATE** the two position TALK/LISTEN switch.
- **IF** it is desired to place a call on hold, **THEN ACTIVATE** the **MONITOR** switch.

4.8.5 Radio Group Operation**NOTE**

Radio channels may be monitored by moving the circuit select switch (CSS) to the **MONITOR** (top) position.

- a. **IF** it is desired to transmit a message on a radio frequency, **THEN** activate the circuit select switch to the TALK/LISTEN (bottom) position.
- b. **PRESS** the push-to-talk button when speaking.
- c. **WHEN** communication is terminated **THEN** deactivate the bottom TALK/LISTEN position switch.

4.8.6 Plant Public Address and Alarm System**NOTE**

Emergency alarm and public address override switch capabilities are found on the communications console panels in the following locations: all panels in each Unit's Control Room, and Technical Support Center, the Emergency Operations Facility, Central Alarm Station, Secondary Alarm Station, and the Simulator.

- a. **IF** it is desired to make a public address announcement, **THEN** perform the following:

Emergency Communications

- **SELECT** the two position switch corresponding to the desired zone (listed on Addendum 3) that is to receive the announcement.
- Activate the two position switch(es) to the TALK/LISTEN (bottom) position in the appropriate zone(s).
- **PRESS** the push-to-talk button when speaking.
- Deactivate the bottom TALK/LISTEN position switch at the conclusion of the announcement.

b. Emergency Public Address Alarms and Announcement**NOTE**

There are three public address emergency alarms: Assembly, Fire, and RCB Evacuation Alarm.

Alarms will be broadcast as directed over the PA system. Alarm switches actuate for 8 seconds, then disconnect unless the PUSH-TO-TALK button on the handset is depressed.

- **WHEN** directed, **THEN** select the appropriate alarm.
- **WHEN** the alarm is completed, **THEN DEACTIVATE** the alarm switch, activate the Unit override switch, **AND** make the appropriate emergency announcement over the PA system as directed.
- **WHEN** the alarm/announcement is completed, **THEN** deactivate all switches.

4.8.7 Conference Network**NOTE**

Loops may be monitored for informational purposes by selecting the MONITOR circuit select switch.

a. PERFORM the following to establish group conference:

- **VERIFY** that all conferring parties are on the same loop.
- **VERIFY** that all conferring parties on the loop have the circuit select switch (CSS) in the TALK/LISTEN (bottom) position.

Emergency Communications

- WHEN it is desired to talk, THEN press the push-to-talk button when speaking.
- WHEN communication is terminated, THEN deactivate the bottom TALK/LISTEN position switch.

4.8.8 Voice Direct Line (VDL)

- a. The Voice Direct Line (VDL) is a direct line from Quintron communication console to console.

- Lift the handset on the appropriate console.
- Activate the appropriate circuit selector switch on the communication to the TALK/LISTEN position.

5.0 Maintenance

5.1 Information Systems personnel SHALL maintain the emergency communications systems.

5.2 Maintenance SHALL be done as required to keep the system in good operating condition and as committed to in license documents.

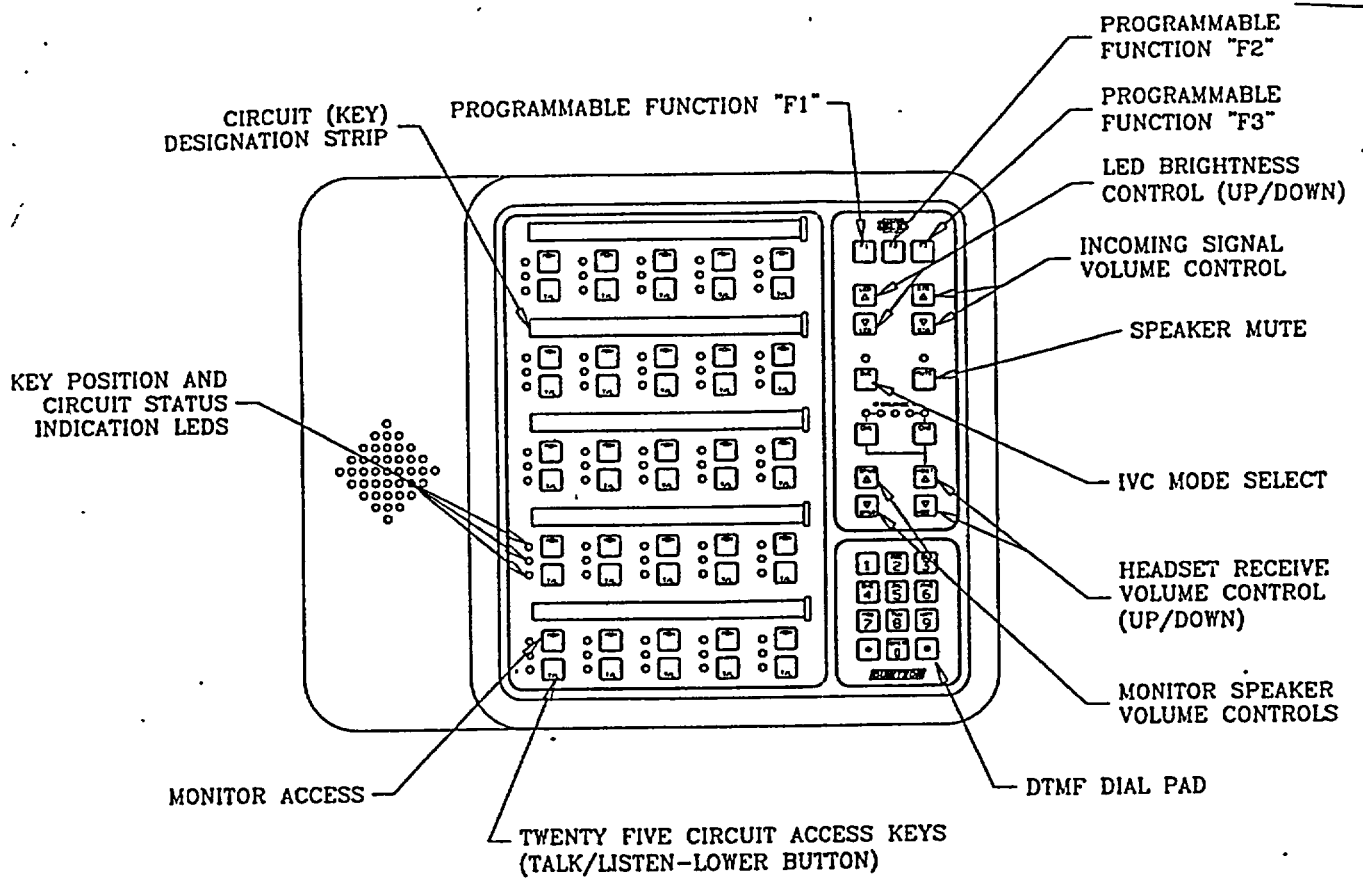
6.0 References

- 6.1 NUREG-0654/FEMA-REP-1, Criteria For the Development and Evaluation of Emergency Preparedness in Support of Nuclear Power Plants, Rev. 3
- 6.2 South Texas Project Electric Generating Station Emergency Plan
- 6.3 0PGP07-ZA-0011, Communications Systems
- 6.4 0ERP01-ZV-IN03, Emergency Response Organization Notification
- 6.5 IEN 89-19, Health Physics Network

7.0 Support Documents

- 7.1 Addendum 1, Communications Console Panel
- 7.2 Addendum 2, Notification Methods to Offsite Agencies
- 7.3 Addendum 3, Station Public Address Selections
- 7.4 Addendum 4, Related Maintenance Jacks

| | | | |
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| Addendum 1 | Communications Console Panel | | Page 1 of 1 |



25 KEY DESKTOP

| | | | |
|---------------------------------|---|---------------|--------------------|
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| Addendum 2 | Notification Methods to Offsite Agencies | | Page 1 of 1 |

| ENS | STATE (DPS, PIERCE) | COUNTY (SHERIFF) | HPN |
|----------------|---------------------|------------------|----------------|
| 1-301-816-5100 | 1-979-543-6878 | 1-979-245-5526 | 1-301-816-5100 |
| 1-301-951-0550 | 1-979-532-1740 | 1-979-245-8108 | 1-301-951-0550 |

| | NRC | State/County |
|--|-----|--------------|
| ENS | ✓ | |
| Ringdown Line to the DPS, Disaster District Sub 2C (State of Texas) and the Matagorda County Sheriff's Office (Matagorda County) | | ✓ |
| OUTSIDE TELEPHONE LINES | ✓ | ✓ |
| Control Room Direct Line to Bay City | ✓ | ✓ |
| Microwave Line to Texas Genco LP and call forwarded to the appropriate number | ✓ | ✓ |
| Ringdown Line (800 Mhz) to the Qualified Scheduling Entity and call forwarded to the appropriate number | ✓ | ✓ |
| Security Radio communication to the Matagorda County Sheriff's Office (and call forwarded to the NRC) | ✓ | ✓ |
| Satellite Briefcase telephone | ✓ | ✓ |

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|---------------------------------|--|---------------|---------------|
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| Addendum 3 | Station Public Address Selections | | Page 1 of 1 |

| Unit 1 ALL | Unit 2 ALL | Units 1 & 2 ALL | Unit Override | 50 Telephone | 51 Telephone |
|--|--|--------------------------------|--|--|--|
| Zone 1 | Zone 2 | Zones 1,2, & 3 | Zones 1 - 4 | Zone 3 | Zone 4 |
| Electrical Auxiliary Building (EAB) Mechanical Auxiliary Building (MAB) Isolation Valve Cubicle (IVC) Reactor Containment Building (RCB) Fuel Handling Building (FHB) Diesel Generator Building (DGB) Turbine Generator Building (TGB) | Electrical Auxiliary Building (EAB) Mechanical Auxiliary Building (MAB) Isolation Valve Cubicle (IVC) Reactor Containment Building (RCB) Fuel Handling Building (FHB) Diesel Generator Building (DGB) Turbine Generator Building (TGB) | Unit 1 & 2 Yard | All Zones simultaneously with activated prioritization circuitry | Essential Cooling Water Intake Structure (ECWIS) Circulating Water Intake Structure (CWIS) Lighting Diesel Generator Building (LD) Load Center Buildings 12J, 12K, 12L, 12M and the Electrical Load Center Building (EL) Hypochlorination Make Up Demineralizer (MUD) South/East Load Center Building Fire Pump House North, East and West Gate Houses Units 1 and 2 Main and Standby Transformer Emergency Transformer Fuel Storage Building Low Level Waste Building CWS Load Center Warehouse and Machine Shop Units 1 & 2 | Nuclear Support Center (NSC), Nuclear Training Facility (NTF) Owner Controlled Area |

| | | | |
|---------------------------------|---------------------------|---------------|---------------|
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| Addendum 4 | Related Maintenance Jacks | | Page 1 of 1 |

| | | UNIT 1 | UNIT 2 |
|--|---------|---------------|---------------|
| TRANSFER SWITCH PANEL | TRAIN A | ESF1 | ESF1 |
| TRANSFER SWITCH PANEL | TRAIN A | ESF2 | ESF2 |
| TRANSFER SWITCH PANEL | TRAIN B | ESF8 | ESF3 |
| TRANSFER SWITCH PANEL | TRAIN B | ESF9 | ESF9 |
| TRANSFER SWITCH PANEL | TRAIN C | ESF10 | ESF10 |
| TRANSFER SWITCH PANEL | TRAIN C | ESF11 | ESF11 |
| STANDBY DIESEL GENERATOR CONTROL PANEL | TRAIN A | 1SDG3 | 2SDG3 |
| STANDBY DIESEL GENERATOR CONTROL PANEL | TRAIN B | 1SDG2 | 2SDG2 |
| STANDBY DIESEL GENERATOR CONTROL PANEL | TRAIN C | 1SDG1 | 2SDG1 |
| CHILLER CONTROL PANEL, COLUMN 18V | | TGI-17 | TGI-17 |
| BORIC ACID TANK ROOM ELE. 29' MAB, ROOM 076 | | RW-16 | RW-16 |
| CCW SURGE TANK ROOM ELE. 60' MAB | | MA-18 | MA-18 |
| ESSENTIAL CHILLED WATER INTAKE STRUCTURE | TRAIN A | 1YD5 | 2YD8 |
| ESSENTIAL CHILLED WATER INTAKE STRUCTURE | TRAIN B | 1YD6 | 2YD9 |
| ESSENTIAL CHILLED WATER INTAKE STRUCTURE | TRAIN C | 1YD7 | 2YD10 |
| AUXILIARY FEEDWATER STORAGE TANK AREA, COLUMN 19Q | | TGI-12 | TGI-12 |