

Distribution Transmittal/Acknowledgement

Station Number : 1078
Station Level : 2
Station Location : MAILOUT
Station Name : NUCLEAR REGULATORY COMMISSION
Station Description : NRC PUBLIC DOCUMENT DESK, 1 WHITE FLINT NORTH 11555
Transmittal Number : ROCKVILLE PIKE ROCKVILLE, MD 20852-2738
Distribution Date : TR0400001912
 06/03/2004
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STPEGS Mailing Address

STPEGS
 RMS/NSC
 P.O. Box 289
 Wadsworth, Texas 77483

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Distribution Transmittal/Acknowledgement

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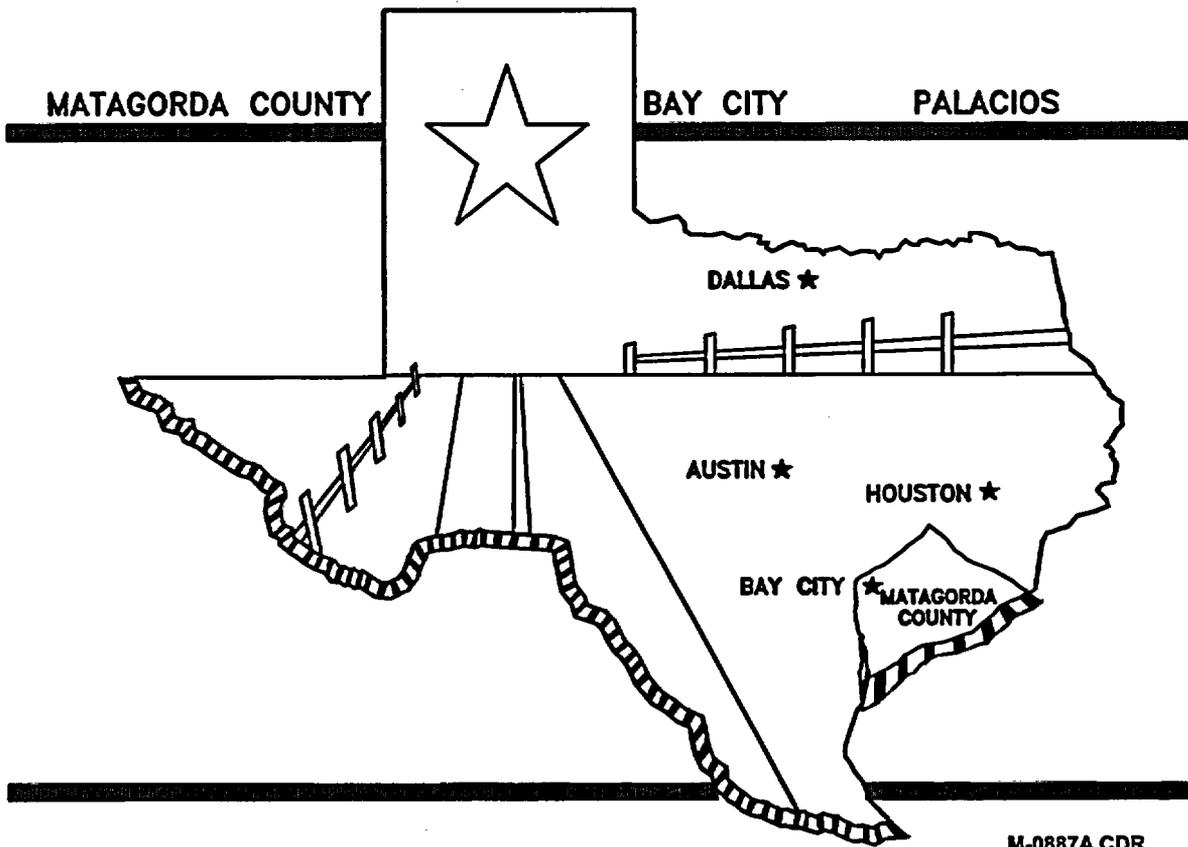
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Date

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STPEGS
 RMS/NSC
 P.O. Box 289
 Wadsworth, Texas 77483

EMERGENCY MANAGEMENT PLAN ANNEX W RADIOLOGICAL EMERGENCY PREPAREDNESS (REP) PLAN



M-0887A.CDR

SUMMARY OF CHANGES

MATAGORDA COUNTY EMERGENCY MANAGEMENT

ANNEX W

RADIOLOGICAL EMERGENCY PREPAREDNESS (REP) PLAN REVISIONS

REVISION 10

May 20, 2004

**EMERGENCY MANAGEMENT ANNEX W PLAN
FOR
MATAGORDA COUNTY, BAY CITY, AND PALACIOS**

General/Global Changes

Fixed minor grammatical errors.

Completed minor revisions and updates within the document.

Changed the footer throughout the document.

Incorporated Gulf Coast Emergency Medical Service; deleted Bay City EMS and Palacios Area EMS.

Added Palacios Community Medical Center; deleted Wagner General Hospital.

Added Palacios Medical Foundation in the document.

Added KZRC (EAS) radio station and deleted KIOX and KXGJ.

Changed number of sirens from 31 to 32.

Added typical to updated maps.

SPECIFIC CHANGES

Page	Section	Change
W-i	Record of Revisions	Changed revision number and effective date.
W-ii-iv	Distribution List	Revised distribution list and format.
W-12	Revised Public Information materials	Clarified materials sent to residents and transients periodically/annually.
W-22	Emergency Classifications, Site Area Emergency	Revised paragraph to ensure public officials notify the public of the emergency situation.
W-32	Implementation	Approved by EMC with signature and date.
W-41	Figure 3, Emergency Radiological Equipment List	Added Electronic Personal Dosimeter as an option to the Direct Reading Dosimeter.
	ANNEX W Tab 1	
W-1-4	G. Community Alert Network	Added additional industry to companies/organizations using CAN. Some companies overlap the STP coverage.
W-1-7, 8,	Event Classification	Added action steps for Alert, SAE and GE, with respect to the school responses and minor response clarifications.
W-1-17	Figure 4, (1 of 2) Emergency Notification Form	Inserted current revision of the form to the plan.
W-1-18	Figure 4, Figure4 (2 of 2) Supplemental Notification Form	Inserted current revision of the form to the plan.

**EMERGENCY MANAGEMENT ANNEX W PLAN
FOR
MATAGORDA COUNTY, BAY CITY, AND PALACIOS**

SPECIFIC CHANGES		
Page	Section	Change
	ANNEX W Tab 2	
W-2-1	Systems and Equipment, A. 1., 2	Updated the hard line telephone communications providers for the STPEGS and Matagorda County EOC.
W-2-2	Systems and Equipment, A. 7	Added another communications capability to the plan.
W-2-2	Systems and Equipment, B. 1	Added/Clarified county communications capabilities.
W-2-3	Concept of Operations, D. 1., 2	Revised Radiological Monitor/Field Team Communications to reflect current system capabilities.
W-2-5	Concept of Operations, F. 3,	Added EMS communications capability to the plan.
W-2-6	Concept of Operations, J.	Inserted EMS as a listed organization and assigned priority as part of the county restoration policy.
W-2-9	Figure 1, Emergency Communications Diagram	Added/deleted Xs from the diagram based on current organizational communications capabilities.
	ANNEX W Tab 3	
W-3-2, 3-4	Concept of Operations, B. 1. And 1. f.	Modified 15 minute PAR public notification requirement to "in a timely manner or approximately 15 minutes.
W-3-6	Concept of Operations, C. 3,	Deleted Colorado River, north or south as a primary evacuation route.
W-3-7, 3-8	Concept of Operations, C. 4,	Deleted road names and added CR, SH numbers as part of the new rural addressing.
W-3-8	Concept of Operations, C. 5,	Deleted data based on 1990 census and added based on 2000 census.
W-3-9, 3-10	Concept of Operations, D.	Revised facility names and population numbers (e.g., schools, industry, etc.).
	Concept of Operations, F. 2.	Revised Zones road names with CR, SH numbers as part of the new rural addressing.
W-3-18	Figure 2, Zone populations and Evacuated Times	Revised population numbers based on the 2000 census.
W-3-18	Figure 2, Zone populations and Evacuated Times	Note added to validate the 1994 ETE due to population decrease since the study was completed.
W-3-21	Figure 5, Support Facilities In Bay City	Revised drawing to reflect current facility names.
W-3-22	Figure 6, Support Facilities In Palacios	Revised drawing to reflect current facility names.

EMERGENCY MANAGEMENT ANNEX W PLAN
FOR
MATAGORDA COUNTY, BAY CITY, AND PALACIOS

SPECIFIC CHANGES		
Page	Section	Change
	ANNEX W Tab 4	
	No specific changes in Tab	
	ANNEX W Tab 5	
	No specific changes in Tab	
	ANNEX W Tab 6	
W-6-2	Concept of Operations, C. 4,	Added (training) drills may be used as requal training for individuals participating as a player, controller or evaluator.
W-6-3	Concept of Operations, D. 1. d	Added a note to medical drills citing Initiative 1.2, Reduce Frequency of Evaluation.
	ANNEX W Tab 7	
	No specific changes in Tab	
	ANNEX W Tab 8	
W-8-2	Concept of Operations, B. 2.	Deleted Emergency Management Coordinator and added American Red Cross (ARC) as the group who identifies residents who do not have transportation and the ARC maintains the list.
	ANNEX W Tab 9	
W-9-4	Direction and Control, E.	Added Public Information Group includes staff at the Matagorda County EOC, as well as the Joint Information Center.
	ANNEX W Tab 10	
	NUREG-0654 Cross Reference	Performed NUREG-0654 Cross Reference of the document.

STI 31749734

**EMERGENCY MANAGEMENT PLAN
FOR
MATAGORDA COUNTY, BAY CITY, AND PALACIOS
ANNEX W PLAN
FIXED NUCLEAR FACILITIES RESPONSE**

**RADIOLOGICAL EMERGENCY PREPAREDNESS (REP) PLAN
(SOUTH TEXAS PROJECT ELECTRIC GENERATING STATION)**

**EMERGENCY MANAGEMENT PLAN
FOR
MATAGORDA COUNTY, BAY CITY, AND PALACIOS**

**ANNEX W PLAN
FIXED NUCLEAR FACILITIES RESPONSE**

RECORD OF REVISIONS

Revision Number	Effective Date	Date Entered	Signature
5	04-15-93		
6	12-29-94		
7	12-19-96		
8	12-30-97		
9	12-13-99		
10	05-20-04		

**EMERGENCY MANAGEMENT PLAN
FOR
MATAGORDA COUNTY, BAY CITY, AND PALACIOS**

**ANNEX W PLAN
FIXED NUCLEAR FACILITIES RESPONSE**

<u>Jurisdiction/Agency</u>	<u>Control Number</u>	<u>Number of Copies</u>
Amateur Radio Emergency Services	069	1
American Red Cross, Matagorda County Chapter	691	1
Bay City		
Emergency Coordination Center	1119	1
Mayor	683	1
Police Department	644	1
Public Library		
Bay City	060	1
Matagorda Branch	116	1
Sargent Branch	117	1
Public Works Director	696	1
Celanese	042	1
Emergency Medical Services		
Gulf Coast Emergency Medical Service	698	1
Equistar	101	1
FEMA		
Headquarters	014	1
Region VI, Denton, Texas	071	10
Independent School District ISD		
Bay City Independent School District, Central Office	701	1
Bay City Independent School District, Transportation Director	685	1
Matagorda Independent School District	686	1

**EMERGENCY MANAGEMENT PLAN
FOR
MATAGORDA COUNTY, BAY CITY, AND PALACIOS**

**ANNEX W PLAN
FIXED NUCLEAR FACILITIES RESPONSE**

**ANNEX W PLAN AND PROCEDURES
VOLUMES 3 AND 4
DISTRIBUTION LIST
(Page 2 of 4)**

<u>Jurisdiction/Agency</u>	<u>Control Number</u>	<u>Number of Copies</u>
Independent School Districts ISD (continued)		
Palacios Independent School District	688	1
Tidehaven Independent School District	687	1
Van Vleck Independent School District	072	1
Van Vleck Independent School District, Transportation Director	073	1
Joint Information Center – Matagorda Hotel	378	1
KMKS Radio	692	1
KZRC Radio	1008	1
Local Emergency Planning Committee	113	1
Matagorda County		
Clerk's Office	090	1
County Judge	682	1
Emergency Operations Center	645	1
Environmental Health	699	1
Matagorda General Hospital	648	1
Office of Emergency Management	046	1
Palacios Community Medical Center	649	1
Precinct Commissioners		
Precinct 1	066	1
Precinct 2	051	1
Precinct 3	040	1
Precinct 4	096	1

**EMERGENCY MANAGEMENT PLAN
FOR
MATAGORDA COUNTY, BAY CITY, AND PALACIOS**

**ANNEX W PLAN
FIXED NUCLEAR FACILITIES RESPONSE**

**ANNEX W PLAN AND PROCEDURES
VOLUMES 3 AND 4
DISTRIBUTION LIST
(Page 3 of 4)**

<u>Jurisdiction/Agency</u>	<u>Control Number</u>	<u>Number of Copies</u>
Public Information Officer	106	1
Sheriff	1039	1
Palacios		
City Administrator	684	1
Police Department	647	1
Public Library	112	1
State of Texas		
Bureau of Radiation Control	367	1
Department of Public Safety, Pierce, Texas	360	1
Division of Emergency Management, State EOC	571	1
STP Nuclear Operating Company		
Emergency Operations Facility	016	1
Emergency Response Division	205/770	2
Nuclear Support Center Library	900	1
MOF Library	999	1
Records Management Systems	FDC	1
United States Nuclear Regulatory Commission		
USNRC Public Document Desk, Washington D.C.	1078	1
USNRC, Operations Center	1079	1
USNRC, Region IV	564	1
USNRC Public Document Room, Wharton County Junior College	114	1
Volunteer Fire Departments of Matagorda County		
Bay City Volunteer Fire Department	082	1
Blessing Volunteer Fire Department	064	1

**EMERGENCY MANAGEMENT PLAN
FOR
MATAGORDA COUNTY, BAY CITY, AND PALACIOS**

**ANNEX W PLAN
FIXED NUCLEAR FACILITIES RESPONSE**

**ANNEX W PLAN AND PROCEDURES
VOLUMES 3 AND 4
DISTRIBUTION LIST
(Page 4 of 4)**

<u>Jurisdiction/Agency</u>	<u>Control Number</u>	<u>Number of Copies</u>
Volunteer Fire Department of Matagorda County (continued)		
Collegeport Volunteer Fire Department	050	1
Markham Volunteer Fire Department	047	1
Matagorda Volunteer Fire Department	689	1
Midfield Volunteer Fire Department	058	1
Palacios Volunteer Fire Department	690	1
Sergeant Volunteer Fire Department	067	1
Selkirk Volunteer Fire Department	293	1
Sweeny Volunteer Fire Department	062	1
Tres Palacios Oaks Volunteer Fire Department	084	1
Van Vleck Volunteer Fire Department	074	1
Wadsworth Volunteer Fire Department	038	1
Total		76

**EMERGENCY MANAGEMENT PLAN
FOR
MATAGORDA COUNTY, BAY CITY, AND PALACIOS**

**ANNEX W PLAN
FIXED NUCLEAR FACILITIES RESPONSE**

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**EMERGENCY MANAGEMENT PLAN
FOR
MATAGORDA COUNTY, BAY CITY, AND PALACIOS**

**ANNEX W PLAN
FIXED NUCLEAR FACILITIES RESPONSE**

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**EMERGENCY MANAGEMENT PLAN
FOR
MATAGORDA COUNTY, BAY CITY, AND PALACIOS**

**ANNEX W PLAN
FIXED NUCLEAR FACILITIES RESPONSE**

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TAB	TITLE
1	Alerting and Notification
2	Communications
3	Evacuation
4	Protective Action Guides
5	Public Information
6	Emergency Response Training
7	Reception Center and Congregate Care Facilities
8	Transportation
9	Emergency Operations Center
10	NUREG-0654 Cross Reference
11	Procedures Cross Reference

**EMERGENCY MANAGEMENT PLAN
FOR
MATAGORDA COUNTY, BAY CITY, AND PALACIOS**

**ANNEX W PLAN
FIXED NUCLEAR FACILITIES RESPONSE**

LIST OF PROCEDURES

PROCEDURE	TITLE
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11	Emergency Management Coordinator
12	EOC Administrative Assistant
13	Emergency Operations Center
	Concept of Operations and Activation
14	Protective Action Guides
Section II:	<u>Law Enforcement and Traffic Control</u>
20	Sheriff's Office Dispatcher
21	Communications Officer
22	Warning and Evacuation/Traffic and Access Control
23	Activation of the Public Warning System
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Section III:	<u>Fire and Rescue</u>
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41	Environmental Health Director
42	Exposure Control for Emergency workers
Section V:	<u>Transportation</u>
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60	Public Information Officer
61	KMKS Radio Operations
62	KIOX Radio Operations
63	Emergency Alert System (EAS) Messages and News Advisories
64	KXGJ Radio Operations
Section IV:	<u>Reception Centers</u>
70	American Red Cross Director
71	Reception Center Operations (American Red Cross)
72	Reception Center Operations (Environmental Health Department)

**EMERGENCY MANAGEMENT PLAN
FOR
MATAGORDA COUNTY, BAY CITY, AND PALACIOS**

**ANNEX W PLAN
FIXED NUCLEAR FACILITIES RESPONSE**

I. Authority

This annex to the Matagorda County, Bay City and Palacios Emergency Management Basic Plan is promulgated under the auspices of the following authorities:

- A. The Texas Disaster Act of 1975, as amended.
- B. Emergency Management Basic Plan for Matagorda County, Bay City and Palacios.
- C. Other applicable authorities cited in the Basic Plan.

II. Purpose

The purpose of this annex is to establish the assignments, systems, and procedures necessary for the governments of Matagorda County to respond to an incident at the South Texas Project Electric Generating Station (STPEGS). This is accomplished by providing for:

- A. Coordination of law enforcement activities to ensure the safety of life and property;
- B. A fire fighting plan to respond to the demands of an emergency;
- C. Coordination of public health and medical services during emergency situations to reduce death and injury and to assist in damage assessment;
- D. Assessment and reporting of damage;
- E. Public works service plans for emergencies when extra measures must be taken to protect lives and property;
- F. A utilities service plan for emergencies when extra measures must be taken to protect lives and property; and
- G. A plan for effective use of human and material resources needed to deal with an emergency.

Purpose statements are included in the Tabs to this Annex.

**EMERGENCY MANAGEMENT PLAN
FOR
MATAGORDA COUNTY, BAY CITY, AND PALACIOS**

**ANNEX W PLAN
FIXED NUCLEAR FACILITIES RESPONSE**

This Annex is further specified by procedures.

III. Situation and Assumptions

A. Situation

1. The South Texas Project Electric Generating Station (STPEGS) is a power generation facility using a nuclear fission process to generate steam. The South Texas Project Electric Generating Station (STPEGS) is located approximately 12 miles northeast of the City of Palacios and approximately 14 miles southwest of the City of Bay City in Matagorda County.
2. The South Texas Project Electric Generating Station (STPEGS) Plume Exposure Pathway Emergency Planning Zone (EPZ) is within Matagorda County. (See Figure 1)
3. The governments of Matagorda County, Bay City, and Palacios and the State of Texas are responsible for responding to emergencies at the South Texas Project Electric Generating Station (STPEGS) to protect the public. Such response will be made in concert with government agencies of the State of Texas.
4. The Bureau of Radiation Control (BRC) will assist the county in matters relating to Fixed Nuclear Facility (FNF) incidents. The Bureau of Radiation Control (BRC) will serve as the County's technical advisor in matters involving radiation releases by the South Texas Project Electric Generating Station (STPEGS).
5. The Division of Emergency Management (DEM) will assist the County in matters related to Fixed Nuclear Facility (FNF) incidents. The DEM will assist the County by providing resource support and by coordinating the Governor's office response activities.
6. During times of emergency at the South Texas Project Electric Generating Station (STPEGS), law enforcement agencies may be called upon to expand their operations. Matagorda County has arrangements with several federal agencies which can provide support to local agencies as needed.

**EMERGENCY MANAGEMENT PLAN
FOR
MATAGORDA COUNTY, BAY CITY, AND PALACIOS**

**ANNEX W PLAN
FIXED NUCLEAR FACILITIES RESPONSE**

7. The following situations apply to health and medical:
 - a) Residents of Matagorda County are vulnerable to radiological releases which could result in a need for emergency health or medical support.
 - b) Emergency medical care is provided by the Matagorda County Hospital District and the Palacios Medical Foundation.
8. In Matagorda County a Fixed Nuclear Facility has the potential for causing extensive property damage. In the event damage does occur, damage assessment and reporting is essential for response and recovery operations.
9. Matagorda County is subject to radiological emergencies that could create a need for emergency public works services.
10. Matagorda County is subject to radiological emergencies that could create a need for emergency utility services, which could cause a general detrimental affect on the safety and welfare of the people.
11. Matagorda County is subject to radiological emergencies that require the County to inventory resources on a continuing basis and have procedures to use these resources in a timely manner during an emergency.
12. In order to provide the most effective response to an emergency, all efforts are coordinated through the Matagorda County Emergency Operations Center (EOC) which has been designated as the base for all emergency management activities.
13. There may be occasions when services to special populations are necessary during an emergency situation.
14. Hazardous materials are commonly used, transported, and produced in Matagorda County; hence, hazardous material incidents may occur as the result of natural disasters, human error, or accident.
15. Fire prevention and control are daily problems faced by fire services personnel. These problems become more significant during emergency situations. Severe hazards could result in trapped persons in damaged and collapsed structures, missing persons, and fatalities.
16. Situation descriptions are covered in Tabs to this Annex.

**EMERGENCY MANAGEMENT PLAN
FOR
MATAGORDA COUNTY, BAY CITY, AND PALACIOS**

**ANNEX W PLAN
FIXED NUCLEAR FACILITIES RESPONSE**

B. Assumptions

1. In the event of an incident involving an actual or potential release of radiation with exposures exceeding established limits from the South Texas Project Electric Generating Station (STPEGS), Matagorda County officials will be called upon to coordinate an effective response to protect the public.
2. The County may have to act upon its own initiative in the event of an emergency if state, private, and federal resources cannot be mobilized quickly enough to initiate protective response actions.
3. The statistical and demonstrated probability of the plant's experiencing an incident severe enough to involve the public is extremely low.
4. The state and federal governments will provide certain specialized services which the County cannot provide, such as radiation monitoring and dose evaluation.
5. The Bureau of Radiation Control (BRC) will advise Matagorda County officials if and when protective actions are necessary, but the decision to implement those protective actions remains the sole responsibility of the County Judge or Mayors/County Commissioners.
6. Local law enforcement personnel will generally be able to provide adequate police control. If local capabilities are exceeded, support will be available from any of several state and federal law enforcement groups. Bay City and Palacios Police Chiefs will provide support for evacuation as directed by the County Judge or Mayors/County Commissioners.
7. The following assumptions apply to health and medical:
 - a) Although some health-related problems can be associated with radiological emergencies, there is an adequate local capability to meet most emergency situations. When necessary, support will be available from state and federal agencies through the District Disaster Committee, located at the Department of Public Safety in Pierce, Texas.
 - b) The public may require guidance concerning how best to avoid health hazards created by the disaster or arising from conditions existing in the affected area during the recovery and rehabilitation phase.

**EMERGENCY MANAGEMENT PLAN
FOR
MATAGORDA COUNTY, BAY CITY, AND PALACIOS**

**ANNEX W PLAN
FIXED NUCLEAR FACILITIES RESPONSE**

8. The timely and accurate assessment of damage to private and public property will be of vital concern to local officials following a disaster and will have great bearing upon the manner in which recovery is effected in Matagorda County.
9. The following assumptions apply to Public Works/Engineering:
 - a) All Public Works equipment and personnel will be available to manage an anticipated emergency.
 - b) Local contractors have resources to assist Public Works recovery efforts.
 - c) Assistance will be available from outside the jurisdiction.
 - d) Repair and restoration of essential services and vital facilities is possible and such that Public Works can reasonably be expected to accomplish this task.
10. The following assumptions apply to Utilities:
 - a) All Utility equipment and personnel will be available to manage an anticipated emergency.
 - b) Repair and restoration of essential services and vital facilities are possible and such that Utilities can reasonably be expected to accomplish this task.
 - c) The primary responsibility of Utilities will be the maintenance and restoration of Utility services.
 - d) Utility services have the capability to accept emergency increased demands.
 - e) Private Utility companies will cooperate with and assist Matagorda County government services.
11. The following assumptions apply to resource management:
 - a) Shortages in the County response resources may occur in any emergency that lasts longer than 24 hours.
 - b) Matagorda County professionals and paraprofessionals, private contractors, and volunteer agencies will be willing and able to assist the community during an emergency.

**EMERGENCY MANAGEMENT PLAN
FOR
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- c) Evacuees will volunteer to assist as needed.
 - d) Support will be available through requests to state and federal agencies.
 - e) Matagorda County agencies will support emergency resource management actions.
12. The response activities presented are applicable to radiological emergency situations and will provide adequate direction for proper emergency management.
13. The following assumptions apply to human services:
- a) There will be instances where the complete Reception Center/Congregate Care operation will not be implemented; however, people who would not normally be clients of local and State human service agencies may require some form of public assistance under emergency conditions.
 - b) The American Red Cross will provide assistance to evacuees.
 - c) Other professional/volunteer organizations which normally respond to an emergency will do so.
 - d) Churches and Church groups are a vital community resource and will function as support organizations to provide assistance.
14. The following assumptions apply to hazardous materials responses:
- a) Disasters involving hazardous materials are usually confined to a localized area and actions must be taken to contain resultant spills as promptly as possible.
 - b) Rapid communication channels must be utilized to inform responsible officials for emergency response.
 - c) The resources of industry, local, state, or federal government, separately or in combination, may be required to manage the situation, dependent on the magnitude, nature, and area threatened.

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15. A trained, equipped, organized rescue service will provide the capability to conduct search and rescue operations, suppress and minimize loss of life, shore up and stabilize weakened structures, release trapped persons, and locate the missing and dead.
16. Existing fire personnel and equipment will be capable of managing most emergency situations. When additional support is required, assistance can be obtained from state and federal agencies.
17. Additional assumptions are covered in their respective Tabs to this Annex.

IV. Concept of Operations

A. General

1. The County Judge, or the designated alternate, will direct the operations of the County's emergency response forces.
2. The County Sheriff will direct the law enforcement operations.
3. The Mayors of Bay City and Palacios will direct the operations of the emergency response forces of their respective cities, under direction of the County.
4. An individual shall be designated by each Department identified by this Plan to report to the County Emergency Operations Center (EOC) when notified.
5. Each department, agency or group shall develop a staff training program to ensure that sufficient trained personnel are available to provide essential emergency service throughout a protracted 24-hour operation.
6. Periodic drills and exercises will be held to provide training and demonstrate effectiveness or proficiency in performing an assigned task or function. Participation in the drills and exercises is a necessity for emergency response personnel. Department heads are responsible for ensuring that applicable personnel are trained and participate in the drills and exercises as scheduled with the state, the South Texas Project Electric Generating Station (STPEGS), and/or a regulatory agency of the federal government.

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7. Departments, agencies and groups of the county and cities of Matagorda County shall ensure that sufficient trained staff, supplemented by trained volunteers if necessary, are available to support an extended 24-hour per day emergency operation.
8. All political jurisdictions within the County will coordinate their activities, operations, and informational functions through the office of the County Judge.
9. Phases of emergency management for alerting and notification, communications, evacuation, protective action, public information, Reception Center/Congregate Care, and transportation are covered in Tabs to this Annex. Phases of emergency management for other activities are provided in Figure 2.

B. Emergency Operations Center (EOC)

1. The Matagorda County Emergency Operations Center (EOC) is in the Matagorda County Sheriff's Office in Bay City. The alternate Emergency Operations Center (EOC) is in the Matagorda County Courthouse in Bay City.
2. The County Judge, his alternate, or the Emergency Management Coordinator, or his alternate will direct the set up and partial activation or full activation of the Matagorda County Emergency Operations Center (EOC) upon notice of declaration of an Alert at the South Texas Project Electric Generating Station (STPEGS). Full EOC activation will be initiated upon declaration of a Site Area Emergency, and at such other times as, in the opinion of the Judge or his alternate, it is advisable to do so to coordinate emergency response actions within Matagorda County.
3. The County and all cities will coordinate their operations with the Matagorda County Emergency Operations Center (EOC).
4. The County Judge or his designee shall communicate with the South Texas Project Electric Generating Station (STPEGS) EOF to coordinate emergency actions, as appropriate.

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V. Assignment of Responsibilities

The following responsibilities and tasks are critical to Fixed Nuclear Facility response operations. The individuals assigned are responsible for developing and maintaining procedures and training programs necessary to perform the assigned tasks, and demonstrating proficiency through participation in periodic drills and exercises. The assignments are as follows:

Tasks	Assigned To
A. Direction and Control	Matagorda County Judge (Emergency Management Director) Mayors of Bay City and Palacios Emergency Management Coordinator County Commissioners Matagorda County Sheriff
1. Direct the operations of governmental forces.	
2. Make emergency policy decisions and request from the state a Declaration of a State of Emergency or Disaster.	
3. Provide for emergency expenditures.	
4. Request assistance from state, federal and volunteer organizations.	
5. Provide and authorize information and instructions to the public.	
6. Receive Protective Action Recommendations (PARs) from the South Texas Project Electric Generating Station (STPEGS) Emergency Director and/or the Bureau of Radiation Control (BRC).	
7. Instruct the public as to what protective actions need to be accomplished.	
8. Cooperate with the state and the South Texas Project Electric Generating Station (STPEGS) in completing exercises, drills, and training programs as required or as requested to assure emergency response and preparedness capabilities.	
9. Approve radiological exposures to personnel under their respective direction in excess of Environmental Protection Agency (EPA) and/or Bureau of Radiation Control (BRC) limits.	

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10. Identify special populations and special facilities that may require assistance in transportation, evacuation or other aid during a declared emergency at the South Texas Project Electric Generating Station (STPEGS).
 11. Assist the South Texas Project Electric Generating Station (STPEGS) onsite personnel in the event of a site evacuation as requested by the Emergency Director at the South Texas Project Electric Generating Station (STPEGS).
- B. Communications** **Matagorda County Sheriff
Communications Officer**
1. Maintain 24-hour communications capability.
 2. Receive and authenticate notifications and information received from the South Texas Project Electric Generating Station (STPEGS) or from the Disaster District, Department of Public Safety, Pierce, and disseminate as appropriate.
 3. Maintain contact with the Texas Department of Public Safety, Disaster District Sub 2C Headquarters, Pierce, throughout the course of an incident.
 4. Conduct monthly tests of the communications systems with the state and with the South Texas Project Electric Generating Station (STPEGS).
 5. Participate in radiological and communications emergency annual training and periodic drills and exercises with the state and/or the South Texas Project Electric Generating Station (STPEGS).
 6. Develop primary and alternate communications systems to interlink the South Texas Project Electric Generating Station (STPEGS), and State Emergency Operations Center (EOC), with the Matagorda County Emergency Operations Center (EOC) and other emergency response organizations.
 7. Notifying the Matagorda County Emergency Response Organization of emergency conditions at South Texas Project Electric Generating Station.

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C. Warning (Notification)

**Matagorda County Sheriff
Communications Officer**

1. Maintain 24-hour capability to receive, authenticate, and disseminate warning/notification to the public within the South Texas Project Electric Generating Station (STPEGS) Plume Exposure Pathway Emergency Planning Zone (EPZ).
2. Disseminate notification to the public in timely manner (approximately 15 minutes) of the decision to recommend protective actions by the Emergency Management Director. The primary source of notification of emergency classification is the South Texas Project Electric Generating Station (STPEGS).
3. Disseminate notice of return conditions to the public.
4. Verify that notification is received by the public, to the extent possible.
5. Enlist cooperation of the local area electronic media and the Emergency Alert System (EAS) to disseminate notifications and emergency information to the public.
6. Direct activation of the Prompt Notification System upon request from the County Judge or a designated alternate.
7. Conduct and document monthly tests of the Prompt Notification System. Ensure preventive maintenance and repair is performed as required.
8. Develop and maintain procedures necessary for warning receipt, verification, and dissemination.

D. Public Information

Public Information Officer/Writer

1. Establish and maintain an annual program to provide public education to permanent and transient populations on emergency preparedness, warning signals, and the planned public response to the warning signals. This information shall include, but is not limited to:
 - a) Educational information on radiation;
 - b) Contact for additional information;

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- c) Protective measures, e.g., evacuation routes and Reception Centers/Congregate Care Facilities, respiratory protection;
 - d) Assistance to special populations; and
 - e) EAS frequencies.
2. Means to accomplish this distribution may include, but are not limited to:
- a) Information in the telephone book*;
 - b) Posting in public areas;
 - c) Publications distributed on an annual basis; and,
 - d) Brochures*.
- *Note: At a minimum, annual delivery of written material to residents and transients within the EPZ.
3. Distribute updates to the public information and media information programs at least annually. The program and updates shall include provisions for permanent and transient populations within the Plume Exposure Pathway Emergency Planning Zone (EPZ), and shall provide for distribution to those persons who are hearing impaired, or vision impaired.
4. Maintain a program to inform the public of actions being taken by their governing officials in the emergency preparedness and emergency management program areas.
5. Establish and conduct an annual training program for the press and broadcast media to acquaint them with the emergency management plans, information concerning radiation, and points of contact for releases of public information during an emergency. The media training program shall be coordinated with the county, state, and the South Texas Project Electric Generating Station (STPEGS).
6. Establish procedures to verify emergency notification information thus establishing the authenticity prior to release to the public.

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1. Provide fire suppression services adjacent to the South Texas Project Electric Generating Station (STPEGS) upon request.
2. Assist in fire and rescue services at the South Texas Project Electric Generating Station (STPEGS), if requested.
3. Conduct search and rescue operations for entrapped and/or injured persons.
4. Provide a secondary radiological monitoring capability upon request.
5. Assist the state in decontamination activities, if requested.
6. Develop mutual aid agreements with nearby departments for assistance when requested.
7. Participate in annual training and periodic drills and exercises with the State and/or the South Texas Project Electric Generating Station (STPEGS).
8. Assist in route alerting to the general public, as requested.

**I. Traffic Control and Law
Enforcement**

**Matagorda County Sheriff
Communications Officer**

1. Establish traffic and access control points for evacuation.
2. Secure evacuated areas.
3. Provide security at the Matagorda County EOC, Joint Information Center, Reception Centers and Congregate Care Facilities or other facilities as requested.
4. Direct the activities of supporting law enforcement agencies from other jurisdictions.
5. Determine the need for waiving of normal traffic regulations, such as changing two-way streets to one-way, allowing the use of unlicensed vehicles, etc.
6. Develop mutual aid agreements with nearby law enforcement agencies to provide assistance upon request, if necessary.
7. Provide secondary radiological monitoring capability to the State upon request.
8. Participate in annual training and periodic drills and exercises with the State and/or the South Texas Project Electric Generating Station (STPEGS).

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J. Emergency Medical Services

Matagorda County Hospital Administrators
EMS Service: Gulf Coast EMS

1. Provide for emergency medical care of evacuees and emergency workers by either local treatment or sending patients to other hospitals.
2. Identify other medical facilities which can provide support and develop mutual aid agreements as appropriate.
3. Provide medical support to Reception Centers and Congregate Care Facilities.
4. Provide for receipt, decontamination, and medical care of injured patient(s) with radiological contamination. Disposal of decontamination waste will be handled by the South Texas Project Electric Generating Station (STPEGS).
5. Assist the Bureau of Radiation Control (BRC) with administration of radioprotective drugs, if requested.
6. Maintain accurate records of patients treated and treatments given.
7. Participate in annual training and periodic drills and exercises involving simulated contaminated victims, as requested by the State or the South Texas Project Electric Generating Station (STPEGS).
8. Evaluate exposure and uptake with assistance from the Bureau of Radiation Control (BRC) and the South Texas Project Electric Generating Station (STPEGS), as necessary.
9. Provide for emergency transportation (ambulance) of radiologically contaminated injured person(s).

K. Transportation

Transportation Officer

1. Provide emergency mass transportation by use of school vehicles.
2. Maintain rosters of qualified drivers and provide training where necessary.
3. Establish a driver notification system.

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4. Provide assistance to identified persons requiring transportation assistance. Perform annual assessment of those needing special assistance. A list of special populations will be kept by the Emergency Management Coordinator.
5. Ensure operability of transportation equipment and service facilities.
6. Develop mutual assistance agreements with nearby districts to provide facilities, personnel, and equipment upon request.
7. Participate in annual training and periodic drills and exercises with the State and/or the South Texas Project Electric Generating Station (STPEGS).
8. Ensure bus drivers receive a briefing on the scope of the emergency mission.
9. Provide transportation resources to support evacuations of both the general public and the South Texas Project Electric Generating Station (STPEGS) onsite personnel.

L. Protective Response

Environmental Health Director

1. In concert with school superintendents and the American Red Cross, assist as necessary in the selection of facilities suitable for use as Reception Centers and Congregate Care Facilities.
2. Ensure radiological monitoring/decontamination is provided at the Reception Centers.
3. Provide trained personnel for the performance of monitoring and decontamination at the Reception Centers.
4. Participate in annual training and periodic drills and exercises with the State and/or the South Texas Project Electric Generating Station (STPEGS).
5. Maintain a list of names and phone numbers of individuals trained to perform monitoring and decontamination.

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- M. Radiological Exposure Control Environmental Health Director**
1. Obtain, maintain, and distribute personal dosimetry, KI, protective equipment and monitoring equipment, as required. Figure 3 is a list of typical emergency radiological equipment and supplies.
 2. Exposure control is primarily the function of the State of Texas Bureau of Radiation Control (BRC), including recommendations to use, and provisions for radioprotective drugs; however, the County Environmental Health Director will provide radiological monitoring assistance and dosimetry issue and control.
 3. Ensure radiological equipment is inspected, inventoried and operationally checked at least once every calendar quarter and after each use.
 4. Provide dosimetry for county personnel working in a radiological environment. Dosimeters will be read at frequencies specified by State guidelines. Dose records of emergency workers will be maintained in accordance with State guidelines.
 5. Provide county personnel a briefing on the proper use of dosimetry, KI, and appropriate radiological exposure control measures.
 6. Provide guidance in monitoring decontamination of personnel and facilities.
 7. Identify decontamination facilities, as required.
 8. Turn over decontamination waste to the South Texas Project Electric Generating Station (STPEGS).
- N. Continuity of Operations Matagorda County Judge
 Mayor of Bay City
 Mayor of Palacios
 County Commissioners**
1. Each of the chief executives will assure the continuity of their jurisdiction's operational capability by establishing lines of succession for key officers and themselves.
 2. The lines of succession for chief executives are established in Section IX of the Emergency Management Basic Plan for Matagorda County, Bay City and Palacios.

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4. Direct filling of Reception Centers and Congregate Care Facilities, overloading if required, movement between Reception Centers and Congregate Care Facilities, evacuation of persons from endangered Reception Centers and Congregate Care Facilities, and final closure.
5. Coordinate communications requirements between the Reception Centers and Congregate Care Facilities and the Emergency Operations Center (EOC).
6. Establish Reception Center and Congregate Care Facility reporting procedures.
7. The Environmental Health Department supervises the monitoring and decontamination activities at the Reception Center.

VI. Emergency Classifications

Incidents occurring at the South Texas Project Electric Generating Station (STPEGS) will be classified by the terms described below. Specific County actions are given in each individual position procedure. General County actions are given for the emergency classification. The classifications are listed in ascending order of severity.

A. UNUSUAL EVENT

1. Description

Indicates that unusual events are in process or have occurred which indicate a potential degradation of the level of plant safety. No releases of radioactive material requiring offsite responses or monitoring are expected unless further degradation of safety systems occur. (NUREG-0654, Appendix 1)

2. Actions

Upon receiving and authenticating, as needed, an "UNUSUAL EVENT" notification from the South Texas Project Electric Generating Station (STPEGS) official, the Sheriff's Office Dispatcher shall notify the County Emergency Response personnel in accordance with procedure.

Response shall be in accordance with individual position procedures and as directed by the Emergency Management Director or Emergency Management Coordinator.

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B. ALERT

1. Description

Indicates that events are in process or have occurred that involve an actual or potential substantial degradation in the level of plant safety. Releases are expected to be limited to small fractions of the U. S. Environmental Protection Agency (EPA) Protective Action Guides (PAG) exposure levels. (NUREG-0654, Appendix 1)

2. Actions

Upon receiving and authenticating, as needed, an "ALERT" notification from the South Texas Project Electric Generating Station (STPEGS), the Sheriff's Office Dispatcher, or the EOC, if activated, will disseminate the information in accordance with procedure.

Response shall be in accordance with individual position procedures and as directed by the Emergency Management Director or Emergency Management Coordinator.

C. SITE AREA EMERGENCY

1. Description

Indicates that events are in process or have occurred that involve actual or likely major failures of the plant functions needed for protecting the public. Releases are not expected to exceed Environmental Protection Agency (EPA) Protective Action Guides (PAGs) exposure levels, except near the site boundary. (NUREG-0654, Appendix 1)

2. Actions

Upon receiving and authenticating, as needed, a "SITE AREA EMERGENCY" notification from the South Texas Project Electric Generating Station (STPEGS), the Sheriff's Office Dispatcher or, if the EOC is activated, the Communications Officer will disseminate the information according to procedure.

Matagorda County officials will advise the public of the situation via the broadcast media and will provide support at the plant as requested. Primary response forces will reposition themselves to initiate protective actions if recommended by the County Emergency Management Director, and will provide support at the plant as requested.

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D. GENERAL EMERGENCY

1. Description

Indicates that events are in process or have occurred that involve actual or imminent substantial core degradation or melting, with potential for loss of containment integrity. Releases can reasonably be expected to exceed Environmental Protection Agency (EPA) Protective Action Guides (PAGs) exposure levels offsite, beyond the immediate site area. (NUREG-0654, Appendix 1)

2. Actions

Upon receiving and authenticating, as needed, a "GENERAL EMERGENCY" notification from the South Texas Project Electric Generating Station (STPEGS), the Sheriff's Office Dispatcher or, if the county EOC is activated, the Communications Officer will disseminate the information according to procedure.

Public notification procedures will be initiated according to the protective actions recommended by the County Emergency Management Director. If evacuation is recommended, Reception Center and Congregate Care procedures will be initiated.

E. RECOVERY/RETURN

1. Description

Recovery refers to the reduction of hazardous material levels in the environment to acceptable levels for return by the general public for unconditional occupancy or use. Return refers to the reoccupation of areas cleared for unrestricted use by previously evacuated or relocated public. Return includes all associated activities such as when public may return and by what routes, as well as what actions public should take upon return.

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2. Actions

The recovery actions for a radiological emergency discussed here are extensions of the Post-Emergency Actions in Section VI. C.5 of the Basic Plan. Recovery actions include, but are not limited to the following:

Actions	Responsibility
a) Provide protective action recommendations when the area is available for recovery and return.	Bureau of Radiation Control (BRC)
b) Determine that the return is appropriate for the time and situation	County Judge
c) Disseminate return notifications and instructions to the public.	County Judge
d) Participate in media briefing(s).	Public Information Officer
e) Coordinate recovery and cleanup, and monitor operations in the return area, as appropriate.	Environmental Health Director

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VII. Support

- A. The County Judge or the Mayors may request state or federal assistance by contacting the Disaster District Sub 2C Headquarters, Pierce, stating the situation and specifying what assistance is required.
- B. Operations chiefs, such as those in charge of fire, police, and rescue services, shall coordinate their assistance requests through their chief executives in order to reduce response time.
- C. Requests should specify:
 - 1. The type of resources needed
 - 2. The quantity needed
 - 3. The purpose for which it is needed
 - 4. The individual to whom it should be dispatched, and
 - 5. The location to which it should be dispatched.

VIII. Direction and Control

A. Fire Protection and Rescue

Routine Operations will be handled by Standard Operating Procedures (SOPs). During major emergency situations, which require County Emergency Operations Center (EOC) activation, the senior fire person on the scene from the first responding fire department will be in charge of fire suppression or other emergency activities at the scene and report to the Fire Services Coordinator, if the position is activated. If the Fire Services Coordinator position is not activated, then the Emergency Management Director/Coordinator will direct the following activities instead of the Fire Services Coordinator. The Fire Services Coordinator will establish and maintain communications with on-scene command, and direct emergency operations in coordination with other responding agencies. If local capabilities are exceeded, the Fire Services Coordinator will request outside assistance with the approval of the Emergency Management Director. Outside assistance will be provided from state or federal sources.

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B. Law Enforcement

Routine operations will be handled by standard operating procedures (SOPs). During major emergency or disaster situations, which require Matagorda County Emergency Operations Center (EOC) activation, the Matagorda County Sheriff or designee will be the Chief Law Enforcement Officer responsible for coordinating all emergency law enforcement operations within the jurisdiction from the County Emergency Operations Center (EOC). An on-scene command post(s) may be established. The senior Law Enforcement person on the scene will be in charge of law enforcement activities at the scene and report to the Chief Law Enforcement Officer in the Emergency Operations Center (EOC). The Chief Law Enforcement Officer will establish and maintain communications with the on-scene command posts and direct emergency operations from the Emergency Operations Center (EOC) in coordination with other responding agency representatives in the Emergency Operations Center (EOC). If local capabilities are exceeded, the Chief Law Enforcement Officer will request outside assistance from the Emergency Management Director. Outside assistance may be provided from state or federal sources.

C. Health and Medical

The Hospital Administrators have primary responsibility for gathering information concerning injuries and fatalities resulting from emergency occurrences. Since accurate information concerning casualties is essential in identifying required levels of medical support, information of this type must be forwarded to the District Disaster as soon as it is available.

D. Damage Assessment

Following emergency situations, the appropriate local officials will coordinate all damage assessment activities. When directed by the County Judge, the Tax Assessor-Collector will select and assemble a damage assessment team. Once surveys of the affected area have been completed, the results will be reported to the County Judge. It is imperative that accuracy be maintained in compiling Damage Assessment Reports so that local officials can judge the need for requesting state and federal assistance. If a determination is made that state and/or federal assistance is needed, then a Disaster Summary Outline will be forwarded to the Governor's Division of Emergency Management.

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E. Public Works/Engineering

The usual supervisors will exercise operational control of Public Works forces with the Precinct Commissioner maintaining overall management of equipment and personnel. The Commissioner will set priorities for resources and coordinate activities with the Emergency Operations Center (EOC).

The Precinct Commissioner will coordinate the call and deployment of mutual aid forces and volunteer/auxiliary forces. Mutual aid forces will operate under the direct supervision of their own supervisors while volunteer/auxiliary forces will work under the supervision of the senior Public Works official in the jurisdiction where they are deployed.

F. Utilities

1. The usual supervisors will continue their day-to-day responsibility during an emergency, exercising operational control of Utility forces. When the Emergency Operations Center (EOC) is activated, a Utilities representative will report to the Emergency Operations Center (EOC), if requested. The Emergency Management Coordinator or designee shall maintain overall management of equipment and personnel and shall set priorities for resources and coordinate activities with the Emergency Operations Center (EOC).
2. The Emergency Management Coordinator or designee will coordinate the request for deployment of mutual aid forces and volunteer/auxiliary forces. Mutual aid forces will operate under the direct supervision of their own supervisors. Volunteer and auxiliary forces will work under the supervision of the senior Utility official where they are deployed.

G. Resource Management

1. The Emergency Management Director serves as the overall authority for resource management.
2. The department heads and supervisors continue their day-to-day responsibilities during an emergency, exercising operational control of their work forces. They will keep the Emergency Management Director or his designee informed of resource requirements and coordinate emergency resource requests. To the extent practical, potential resource shortages will be projected, identified and made known to the Emergency Management Director or his designee.

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3. Priorities for resource allocation will be established by the Emergency Management Director and Emergency Management Coordinator.
4. The Emergency Management Director may designate private citizens to coordinate resources obtained from the private sector but retains overall responsibility.
5. Direction and control for activities addressed by the Tabs of this Annex are covered in the respective Tabs.

IX. Administration

A. Fire Protection and Rescue

1. Communications

Communications are established from each fire department to the County Emergency Operations Center (EOC). Each fire department maintains an internal call roster.

2. Resources

Each fire department maintains a listing of their available resources.

B. Law Enforcement

1. Entry into Evacuated Areas

A County emergency procedure has been established to identify authorized people and vehicles in an evacuated area.

2. Communications

The law enforcement personnel will establish communications with the County Emergency Operations Center (EOC). Each law enforcement agency will maintain an internal call roster.

3. Resources

Each law enforcement agency will maintain a list of available resources.

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C. Health and Medical

Health and medical services will participate as required in drills and exercises conducted by the Matagorda County Office of Emergency Management or Disaster District Committee. Additional drills and exercises may be conducted by various agencies and services for the purpose of developing and testing abilities to make effective response to various types of emergency.

D. Damage Assessment

1. Records and Team Reports

a) Survey Team Reports

Each damage survey team will collect field data. This data will be forwarded to the appropriate personnel.

b) Damage Assessment Report

A Damage Assessment Report should be utilized to determine priorities for beginning repairs and evaluating the need for requesting state and federal assistance.

2. Release of Assessment Information

Private appraisers, insurance adjusters, and others may obtain damage assessment reports from the designated coordinator with the consent of local authorities. Accurate information will be provided to the state for release to the federal agencies in a timely and effective manner.

E. Public Works and Engineering

1. Administration

a) The timely and efficient response of Public Works forces will require coordination between field forces and the Emergency Operations Center (EOC). Priorities assigned by the Precinct Commissioner will facilitate an orderly use of Public Works forces.

b) The Precinct Commissioner shall develop procedures for the emergency hiring of private contractors and individuals to assist in response and recovery.

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2. Supply and Support
 - a) A preplanned list will be prepared with stock-level requirements.
 3. The Precinct Commissioner will establish communications with the Emergency Operations Center (EOC).
- F. Utilities
1. Administration
 - a) The timely and efficient response of Utility forces will require coordination between field forces and the Emergency Operations Center (EOC). Priorities will be assigned by the Emergency Management Coordinator or designee to facilitate an orderly use of Utility forces.
 2. Support
 - a) Emergency requests shall be coordinated through the Emergency Operations Center (EOC).
 - b) The Emergency Management Coordinator or designee may purchase equipment, supplies and personnel services to support response and recovery efforts, subject to approval by the Emergency Management Director.
 - c) Adequate records of all purchase, costs and expenses incurred in direct support of an emergency will be maintained to support subsequent reimbursement claims and to critique the operation.
 3. Communications

The Utilities will establish communications with the Emergency Operations Center (EOC). An internal call roster will be maintained by the Utility.

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G. Resource Management

1. Administration

- a) Emergency requests shall be coordinated through the Emergency Operations Center (EOC).
- b) Through the Department Heads, the Emergency Management Director or his designee shall maintain and retain adequate records of all emergency related purchases, costs, and expenses incurred in order to support subsequent reimbursement claims and to critique the operation. Conventional accounting methods will be used.

2. Support

- a) In cooperation with Department Heads, the Emergency Management Director or his designee is responsible for agreements and understandings with private organizations.
- b) The Emergency Management Director or his designee may initiate mutual aid agreements pertaining to resource support with neighboring jurisdictions.
- c) The Emergency Management Coordinator or his designee will advise the Emergency Management Director on the need and timeliness of requests for state or federal resource assistance.

H. Administrative Requirements

Administrative requirements associated with topics covered by Tabs to this Annex are covered in the respective tabs.

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I. Procedures

The following listed procedures are applicable to Annex W, Fixed Nuclear Facilities Response and are to be implemented, as appropriate, in the event of a declared emergency at the South Texas Project Electric Generating Station (STPEGS).

Direction and Control

Procedure 10, Emergency Management Director
Procedure 11, Emergency Management Coordinator
Procedure 12, EOC Administrative Assistant
Procedure 13, EPC Concept of Operations and Activation
Procedure 14, Protective Action Guides

Law Enforcement and Traffic Control

Procedure 20, Sheriff's Office Dispatcher
Procedure 21, Communications Officer
Procedure 22, Warning and Evacuation/Traffic and Access Control
Procedure 23, Activation of the Public Warning System
Procedure 24, Matagorda County Sheriff

Fire and Rescue

Procedure 30, Fire Services Coordinator

Health and Medical Services

Procedure 40, Hospital Administrators
Procedure 41, Environmental Health Director
Procedure 42, Exposure Control for Emergency Workers

Transportation

Procedure 50, Transportation Officer

Public Information

Procedure 60, Public Information Officer
Procedure 61, KMKS Radio Operations
Procedure 62, KZRC Radio Operations
Procedure 63, Emergency Alert System Messages and News Advisories

Reception Centers

Procedure 70, American Red Cross Director
Procedure 71, Reception Center Operations (American Red Cross)
Procedure 72, Reception Center Operations (Environmental Health Department)

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X. Resources Management

Section VIII of the Emergency Management Plan addresses resource management. In addition, the interrelationship of the Emergency Response Organization is addressed in the Basic Plan in Attachment 11, 12, 13, 14, 15, and 16.

XI. Lines of Succession

Each operations manager assigned a responsibility in this Annex shall establish a line of succession to assure continuity of operations. Those lines of succession are contained within the respective department policies and procedures.

XII. Implementation

This Annex including all Tabs, Attachments, and Procedures, is considered part of the Basic Plan.

An annual review and update of this Annex, associated Tabs, and Procedures will be accomplished as a part of the annual review and update of the Basic Plan.

The annual review will include the results of actual use, drill and exercise critiques, and changes to regulations or law. The annual review is the responsibility of the Matagorda County Emergency Management Coordinator.

Approved: Signature on File

Date: 05/20/04

**EMERGENCY MANAGEMENT PLAN
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FIXED NUCLEAR FACILITIES RESPONSE**

Figure 2
Concept of Operations
Phases of Emergency Management
(Page 1 of 7)

- A. Law Enforcement
 - 1. Mitigation
 - a. Provide plan review and updating.
 - 2. Preparedness
 - a. Prepare plans for traffic and access control points.
 - b. Develop adequate communications systems for emergencies.
 - c. Provide training of primary and auxiliary personnel.
 - 3. Response
 - a. Maintain law and order.
 - b. Operate a local warning system.
 - c. Provide security for key facilities.
 - d. Patrol evacuated areas.
 - e. Provide back-up communications for Reception Center/Congregate Care Facility operations.
 - f. Provide traffic and crowd control.
 - g. Control access to restricted area.
 - 4. Recovery
 - a. Continue response operations.
 - b. Assist in damage assessment.
- B. Health and Medical
 - 1. Mitigation
 - a. Provide specialized training.
 - 2. Preparedness
 - a. Maintain medical supplies.
 - b. Coordinate with County officials to ensure water quality.
 - c. Coordinate with County officials to provide safe waste disposal.
 - d. Develop emergency plans for laboratory activities regarding examination of food and water, diagnostic tests, and identification, registration and disposal of the deceased.

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Figure 2
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3. Response
 - a. Provide for sanitation activities.
 - b. Provide a potable water supply.
 - c. Provide environmental health activities regarding waste disposal, refuse, food and water control.
 4. Recovery
 - a. Continue response activities, as needed.
 - b. Compile health reports for state and federal officials.
 - c. Identify potential or actual continuing hazards affecting public health and offer appropriate guidance for mitigation of harmful affects.
- C. Damage Assessment
1. Mitigation
None
 2. Preparedness
 - a. Identify Damage Assessment Team members.
 3. Response
 - a. Collect damage information.
 - b. Compile damage assessment reports.
 - c. Complete disaster summary outline.
 4. Recovery
 - a. Monitor recovery activities.
- D. Public Works/Engineering
1. Mitigation
 - a. Train personnel in emergency procedures.
 2. Preparedness
 - a. Ensure that adequate barrier and roadblock materials and equipment are available.
 - b. Review and update all Utility and Public Works maps of Matagorda County.
 - c. Review emergency staffing plans.
 - d. Place standby equipment in operational readiness.
 - e. Coordinate communications procedures with Emergency Operations Center (EOC).
 - f. Review contingency plans and coordinate task assignments with other agencies and volunteer groups.
 - g. Develop procedures to support accomplishment of tasks outlined in this Annex.

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Figure 2
Concept of Operations
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3. Response
 - a. Survey disaster areas and evaluate in terms of engineering estimates.
 - b. Maintain contact with Emergency Operations Center (EOC).
 - c. Repair Emergency Operations Center (EOC) facilities and equipment, as necessary.
 - d. Assess damage.
 - e. Clear roads, as necessary.
 - f. Barricade evacuated areas, as directed.
 - g. Call out private contractors and other assistance, as necessary.
 - h. Assist in search and rescue operations, as directed.
 4. Recovery
 - a. Repair public works and buildings.
 - b. Support decontamination work, as necessary.
 - c. Participate in compiling after-action report and critiques. Suggest necessary changes and improvements in the Emergency Management Plan.
- E. Utilities
1. Mitigation
 - a. Train personnel in emergency procedures.
 - b. Identify any private contractors useful for support during emergencies.
 2. Preparedness
 - a. Review emergency plans and procedures.
 - b. Review Utility capabilities status; take necessary action.
 - c. Review and update Utility Emergency Plans.
 - d. Review emergency staffing plan.
 - e. Place standby equipment in operational readiness.
 - f. Review communications procedures with Emergency Operations Center (EOC).
 - g. Review procedures to support accomplishment of task outlined in this Annex.

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Figure 2
Concept of Operations
Phases of Emergency Management
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3. Response
 - a. Maintain contact with Emergency Operations Center (EOC).
 - b. Maintain Emergency Operations Center (EOC) utilities, as necessary.
 - c. Repair and restore essential services and vital utility services, as required.
 - d. Assess damage; survey disaster area, and evaluate in terms of utility estimates.
 - e. Secure assistance of private contractors, request aid from other jurisdictions and from the private sector as needed.
 - f. Effect movement of equipment and supplies as required.
 - g. If shortages or overload conditions appear imminent, the Emergency Management Coordinator, in coordination with the Emergency Operations Center (EOC) executive group, will initiate curtailment procedures.
 - h. Install or restore service to refugee locations without utility service.
 - i. Ration utility usage if necessary.
 4. Recovery
 - a. Perform repairs, as necessary.
 - b. Support decontamination work, as necessary.
 - c. Coordinate private and volunteer aid.
 - d. Replace damaged or destroyed Utilities' equipment.
 - e. Participate in after-action report and critiques. Suggest necessary changes and improvements for the Emergency Management Plan.
 - f. Restore normal services.
- F. Resource Management
1. Mitigation
 - a. Analyze resource requirements.
 - b. Designate areas of responsibility for providing resource management support.
 2. Preparedness
 - a. Identify sources of equipment, manpower and transportation.
 - b. Prepare and update resources list.
 - c. Coordinate resources with other agencies and volunteers in order to maintain adequate reserves.
 - d. Establish emergency purchasing procedures.

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Figure 2
Concept of Operations
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3. **Response**
 - a. Establish priorities and allocate resources.
 - b. Coordinate delivery of resources to response teams and disaster victims.
 - c. Coordinate local efforts with other agencies.
 - d. Maintain records of emergency-related expenditures, services, and resources rendered during emergencies.

4. **Recovery**
 - a. Assess recovery needs.
 - b. Estimate costs of providing resources.
 - c. Assess impact of emergency on available resources, and identify repair, maintenance, and replenishment needs.
 - d. Set priorities on available resources.
 - e. Coordinate resource utilization.
 - f. Maintain appropriate records.
 - g. Disseminate public information via the Emergency Management Director regarding resource availability.

- G. **Human Services**
 1. **Mitigation**
 - a. Identify volunteer groups.

 2. **Preparedness**
 - a. Identify sources of food and clothing.
 - b. Coordinate responsibilities with other agencies and/or volunteer groups.

 3. **Response**
 - a. Provide food and clothing as needed.
 - b. Assist registration of evacuees/victims.
 - c. Provide information for victims needing additional services.

 4. **Recovery**
 - a. Assess continued human needs of victims.
 - b. Inform public of extended care availability.
 - c. Staff Disaster Assistance Center (DAC).

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Figure 2
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H. Hazardous Materials Response

- 1. Mitigation**
 - a. Conduct hazard identification.
 - b. Develop inspection procedures.
- 2. Preparedness**
 - a. Develop public orientation/education programs.
 - b. Train emergency personnel.
 - c. Identify resources.
 - d. Develop procedures.
- 3. Response**
 - a. Determine hazard potential.
 - b. Evacuate population as necessary.
 - c. Contain and control the area.
- 4. Recovery**
 - a. Monitor/survey to declare area safe.
 - b. Remove contaminants.
 - c. Document event.
 - d. Determine liability.
 - e. Develop reimbursement procedures.

I. Fire Protection and Rescue

- 1. Mitigation**
 - a. Enforce fire code.
- 2. Preparedness**
 - a. Maintain equipment.
 - b. Train fire personnel.
 - c. Develop communications procedures.
 - d. Train rescue squads and EMTs on a regular basis.
 - e. Test, maintain, and repair equipment on a scheduled basis.
 - f. Revise and update response plans at regular intervals.

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3. Response
 - a. Contain, control, and extinguish fires.
 - b. Initiate rescue missions as necessary.
 - c. Operate local fire warning system.
 - d. Perform radiological protection measures, as necessary.
 - e. Control hazardous materials incidents within capability - request assistance as needed.

4. Recovery
 - a. Perform inspection of restored or reconstructed buildings.
 - b. Perform or assist in decontamination and cleanup, if required.
 - c. Recommend condemnation of unsafe buildings.

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Figure 3
Emergency Radiological Equipment List (Typical)
(Page 1 of 1)

Instrument

Survey Meter

Dosimeter 0-200 mR

Dosimeter 0-5R

Dosimeter 0-20R

Electronic Personal Dosimeter (EPD)

Chargers

This list is a minimum of needed radiological equipment and is not meant to be all-inclusive.

This list excludes kits used by DPS.

NOTE: 0-20R dosimeters are not required at Reception Centers, Emergency Medical Services (EMS) or at the county hospitals.

Emergency worker supplies may include the following items:

0 to 200 mR direct-reading dosimeter (DRD) 0 to 5 R direct-reading dosimeter (DRD)

0 to 20 R direct-reading dosimeter (DRD) or

Electronic Personal Dosimeter

Thermoluminescent Dosimeter (TLD)

Survey meter (1 per Emergency Worker Team)

Potassium Iodide (KI) tablets

Instruction and information sheets for:

- Traffic Control/Access Control Points, Attachment from Annex W, Procedure 22
- Public Warning Messages, Attachment from Annex W, Procedure 22
- Traffic and Access Control Points Entry Logs, Annex W, Procedure 22
- Emergency Worker Radiation Exposure Record
- Use of Potassium Iodide (KI) Instructions
- Emergency Worker Exposure Instructions

STI 31752066

EMERGENCY MANAGEMENT PLAN
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ANNEX W - TAB 1
ALERTING AND NOTIFICATION

**EMERGENCY MANAGEMENT PLAN
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**ANNEX W – TAB 1
ALERTING AND NOTIFICATION**

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**ANNEX W – TAB 1
ALERTING AND NOTIFICATION**

I. Purpose

This tab identifies the systems and their uses to notify emergency response personnel and to alert the public within the Plume Exposure Pathway Emergency Planning Zone (EPZ) adjacent to the South Texas Project Electric Generating Station (STPEGS).

A. Situation

The need to warn the public of impending danger could arise at any time. In order to reduce loss of lives, adequate and timely warnings must be provided. Appropriate action-oriented information must be supplied.

B. Assumptions

A warning period will be available for most emergency situations although the amount of lead time will vary. Proper use of this warning period will save lives and reduce injuries.

II. Authority

The Alerting and Notification Tab to Annex W is promulgated under the authorities identified in the Basic Plan and Annex W.

III. Systems and Equipment

The following systems and equipment are available to the Matagorda County elected officials on a continuous, 24-hours per day basis, throughout the year. It is conceivable that the primary or first preference system may be inoperative due to maintenance or equipment malfunction. Thus primary and alternate methods are developed to ensure distribution of pertinent information in a timely fashion.

A. Sirens

There are 32 sirens placed within or around the Ten Mile Plume Exposure Pathway Emergency Planning Zone (EPZ) of the South Texas Project Electric Generating Station (STPEGS) to provide outdoor alerting and notification. Figure 1 is a map of the Emergency Planning Zone (EPZ) showing the siren locations and designed coverage.

The sirens are electro-mechanical rotating devices which produce an audio tone to alert the public. The design alerting tone volume level is at least 120 dB(A) at 100 feet. The alerting tone is a steady 3-5 minute tone.

Each siren is mounted on an approximately 45 foot pole and is provided with local power and control switches for servicing and manual activation or deactivation if necessary.

These sirens are electronically controlled by a radio and computer system. The computer control system is capable of continuously monitoring the status of each siren and electronically reporting that status to the central control point in the Matagorda County

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Sheriff's Department. The following system parameters are continuously monitored and automatically reported to the central control point by the electronics at each siren:

AC Power - The loss of AC electrical power is indicated on a printout.

Door - An open door is indicated on a printout.

Run - Each time the siren is run, a message is indicated on a printout.

An alternate control system has been installed in the South Texas Project Electric Generating Station (STPEGS) Emergency Operations Facility (EOF) to provide a backup operating point for the Matagorda County Officials.

Refer to Procedure 23 "Activation of Public Warning System" for specifics on the Siren System.

B. Alert Radio

An indoor alerting and notification system comprised of alert radio receivers, activated by the local Emergency Alert System (EAS) station, has been provided for those persons within the Plume Exposure Pathway Emergency Planning Zone (EPZ) around the South Texas Project Electric Generating Station (STPEGS) considered outside effective siren range. Recreational areas, industrial locations and special facilities within 10 miles of South Texas Project Electric Generating Station (STPEGS) are offered an alert radio.

The radio receivers are permanently tuned to and are activated by KMKS-FM, the primary local Emergency Alert System (EAS) station. An emergency message and/or instructions are then broadcast from the local officials to the public.

In addition to the alerting tone, a light on the radio receiver blinks when the receiver has been activated. The light must be manually reset and provides a capability to alert persons not present when the message was transmitted.

An additional feature of the alert radio is an internal battery backup power source. When power is interrupted the radio reverts to the internal battery for its power source.

When the radio is in standby mode, KMKS-FM will automatically activate the tone, voice, and blinking light to alert and inform the user.

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C. Emergency Alert System

There are two radio stations in Matagorda County that are included in the Emergency Response Program. KMKS-FM is a 24 hour station and has the capability to operate 24 hours per day during an emergency. It is designated as the primary Emergency Alert System (EAS) station for the Alerting and Notification System. KZRC-FM is also a 24 hour station with the capability for operating 24 hours during emergency situations. KZRC-FM is an alternate to KMKS-FM. Each station has the capabilities to receive and disseminate emergency information to the public.

The radio broadcast frequencies for alerting and notification in the Matagorda County area are:

KMKS-FM	102.5 Mhz.
KZRC-FM	92.5 Mhz.

D. Cable Television

Cable television services are available in Bay City, Palacios, and other areas of the County. The cable television service company, Northland Cable Television in Bay City, has the capability to override a normal transmission with tone, voice, print, or any combination of the three. The cable override function is used during severe weather and is available to alert and inform the public who subscribe to the service within the Plume Exposure Pathway Emergency Planning Zone (EPZ), when requested by the local officials.

E. Weather Alert Radio

Matagorda County is serviced by the NOAA Weather Radio in Dickinson, Texas. The signal is receivable 100% of the time. The Dickinson station is part of the nationwide Weather Alert Radio Network operated by the National Weather Service. The operating frequency of the Dickinson/Matagorda County station is 162.425 Mhz.

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F. Law Enforcement Teletype

The Matagorda County Sheriff's Department and the Bay City Police Department are serviced by the Texas Law Enforcement Telecommunications System (TLETS). The System is managed by the Texas Department of Public Safety and is available to law enforcement agencies in Texas. The System is a leased telephone line-based teletype system with a computerized switching and control system at the Texas Department of Public Safety (DPS) Headquarters in Austin.

Severe weather, national emergency, and other types of emergency notifications are available to the Matagorda County officials by TLETS. The TLETS also provides a capability for the County officials to alert and inform the State of emergency events within the county, including events at the South Texas Project Electric Generating Station (STPEGS).

G. Community Alert Network (CAN)

The Community Alert Network is an autodialer that automatically calls locations programmed into the computer. The service is based in Albany, New York with computer capability in both New York and Nevada. Community Alert Network continually updates their capabilities as technology advances. They operate on a 24-hour per day basis. Telephone numbers of the general public and special facilities within the 10 mile radius of the plant are programmed into the system.

The system can be activated for South Texas Project Electric Generating Station (STPEGS) emergencies by Matagorda County officials with a telephone call to Community Alert Network. In addition, the Markham Industrial Group, EquiStar, and Celanese all use CAN to notify the public of an emergency situation.

H. Other

Industrial facilities in the Matagorda County area have a variety of alerting and notification systems which are used in conjunction with their facilities. These systems include, but are not limited to, sirens, public address systems, lights, bells, whistles, horns, word of mouth and flags. Each facility will alert their personnel with the appropriate system when notified and requested to do so by the Matagorda County EOC Communications Officer.

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I. Route Alerting

Route Alerting will be used if or in the event of a failure of any of the primary notification systems. Law enforcement units will be dispatched to the evacuated area to alert transient populations which may be in the area. Each vehicle will be responsible for warning areas assigned by the Sheriff or Communications Officer in accordance with Procedure 22, "Warning and Evacuation/Traffic and Access Control."

IV. Concept of Operations

Prompt alerting and notification of the public is the responsibility of the senior elected officials of Matagorda County. Warning Points have been established to receive and disseminate the primary and follow-up notification information in a timely manner.

Figure 2 illustrates the decision process used to determine when activation of an alerting and notification system may be appropriate.

Figure 3 illustrates the Emergency Notification System for the South Texas Project Electric Generating Station (STPEGS) incident notification.

- A. The South Texas Project Electric Generating Station (STPEGS) is an electrical power generating facility using nuclear fission processes to produce steam and generate electricity. The emergency action levels used in the emergency preparedness program at the South Texas Project Electric Generating Station (STPEGS) are, in ascending order:**

**Unusual Event
Alert
Site Area Emergency
General Emergency**

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B. These classifications require varied levels of alerting and notification actions by the Matagorda County officials. Actions include, but are not limited to:

<u>Event Classification</u>	<u>Action</u>	<u>Responsibility</u>
Unusual Event	(1) Receive and record the notification and notify appropriate local officials in accordance with Procedure 20, "Sheriff's Office Dispatcher".	Sheriff's Office Dispatcher
Alert	(1) Receive and record the notification and notify appropriate local officials in accordance with Procedure 20, "Sheriff's Office Dispatcher" and the Emergency Matagorda County Response Call-List.	Sheriff's Office Dispatcher
	(2) Disseminate the information to the Emergency Response Organization.	Matagorda County Emergency Management Director, Emergency Management Coordinator, Communications Officer, or Sheriff's Office Dispatcher
	(3) Coordinate a public information release with the South Texas Project Electric Generating Station (STPEGS) and the State.	Matagorda County Emergency Management Director, Matagorda County PIO

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<u>Event Classification</u>	<u>Action</u>	<u>Responsibility</u>
Alert (continued)	(4) Set up EOC.	Emergency Management Coordinator's Staff
	(5) Bring County EOC to partial or full activation.	Emergency Management Director or Coordinator
	(6) Ensure PIO is dispatched to the Joint Information Center, if activated.	Emergency Management Coordinator Sheriff Dispatcher
	(7) Notify school superintendents of alert and recommend Matagorda Elementary School and Tidehaven Junior High and High Schools request parents to pick up children at school.	Transportation Office
Site Area Emergency	(1) Receive and record the notification and notify appropriate local officials.	Sheriff's Office Dispatcher or Communications Officer
	(2) Disseminate the information to the Emergency Response Organization, formulate Emergency Alert System (EAS) message and activate Prompt Notification System.	Matagorda County Emergency Management Director, Emergency Management Coordinator, Communication Officer, or Sheriff's Office Dispatcher. PIO writer/staff to formulate Emergency Alert System (EAS) message
	(3) Coordinate a public information release with the South Texas Project Electric Generating Station (STPEGS) and the State.	Matagorda County Emergency Management Director, Matagorda County PIO

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**Site Area
Emergency
(Cont'd)**

- | | | |
|-----|--|---|
| (4) | Bring County EOC to full activation. | Emergency Management Director, Emergency Management Coordinator |
| (5) | Actions to be accomplished in accordance with established procedures. | Emergency Management Director |
| (6) | If requested, activate Reception Center for STPEGS Evacuation. | American Red Cross Environmental Health Director |
| (7) | Notify school superintendents of SAE and recommend Matagorda Elementary evacuate to Linnie Roberts in Bay City and Tidehaven Junior and Senior High Schools evacuate to Blessing and Markham Elementary Schools. | Transportation Coordinator |

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<u>Event Classification</u>	<u>Action</u>	<u>Responsibility</u>
General Emergency	(1) Receive and record the notification and notify appropriate local officials.	Sheriff's Office Dispatcher or Communications Officer
	(2) Disseminate the information to the EOC staff.	Emergency Management Director or Coordinator
	(3) Activate the Prompt Notification System to alert and inform the public.	Matagorda County Sheriff, Communications Officer
	(4) Coordinate a public information and instruction release with the South Texas Project Electric Generating Station (STPEGS) and the State.	Matagorda County PIO
	(5) Actions to be accomplished in accordance with established procedures.	
	(6) Fully activate the Reception Center(s).	ARC, Environmental Health Director
	(7) Notify school superintendents of GE and recommend Matagorda Elementary evacuate to Linnie Roberts in Bay City and Tidehaven Junior and Senior High Schools evacuate to Blessing and Markham Elementary Schools. (If not already accomplished)	Transportation Officer

C. Alerting and Notification Points

The Alerting and Notification Points are referred to as Warning Points in the Civil Defense and Emergency Management programs.

The Matagorda County Alerting and Notification Points are:

- Primary - Matagorda County Sheriff's Department
- Alternate - Bay City Police Department
- Alternate - Palacios Police Department
- Support - Matagorda County Volunteer Fire Departments

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D. Notification Sources

Alerting and Notification information may be received from the Texas Department of Public Safety via TLETS, telephone, and/or radio; and/or from the South Texas Project Electric Generating Station (STPEGS) Emergency Director by telephone, telecopier, ringdown, or radio.

Figure 4 is a sample Emergency Notification Form. The form is used to alert the state and local officials and to provide supplemental information about an emergency declaration at the South Texas Project Electric Generating Station (STPEGS).

E. Alerting and Notification Dissemination

Dissemination of Alerting and Notification information is accomplished by using the following systems. The systems listed in the second column are in priority order with the most preferred listed first.

- | | | |
|----|------------------------|---|
| 1. | To the LOCAL OFFICIALS | RINGDOWN LINE
TELEPHONE
TWO-WAY RADIO
TLETS
FACSIMILE
EMERGENCY ALERT SYSTEM |
| 2. | To the EOC STAFF | RINGDOWN LINE
TELEPHONE
TWO-WAY RADIO
TLETS
FACSIMILE
EMERGENCY ALERT SYSTEM |
| 3. | To the RESIDENTS | SIREN ACTIVATION
ALERT RADIO ACTIVATION
EMERGENCY ALERT SYSTEM
COMMUNITY ALERT NETWORK (CAN)
ROUTE ALERTING
CABLE TELEVISION |

**EMERGENCY MANAGEMENT PLAN
FOR
MATAGORDA COUNTY, BAY CITY, AND PALACIOS**

**ANNEX W – TAB 1
ALERTING AND NOTIFICATION**

- | | | |
|----|---------------------------------|---|
| 4. | To TRANSIENTS | SIRENS
EMERGENCY ALERT SYSTEM
ROUTE ALERTING |
| 5. | To STATE OFFICIALS | TLETS
TELEPHONE
TWO-WAY RADIO
EMERGENCY ALERT SYSTEM
FACSIMILE
RINGDOWN LINE |
| 6. | To Matagorda County
INDUSTRY | TELEPHONE
ALERT RADIO ACTIVATION
EMERGENCY ALERT SYSTEM
COURIER |
| 7. | To SCHOOLS | TELEPHONE
ALERT RADIO ACTIVATION
EMERGENCY ALERT SYSTEM
COURIER |
- F. Telephone and radio call lists are contained in the EOC Telephone Directory. These lists are reviewed and revised quarterly.
- V. Phases of Management
- A. Mitigation
1. An Alerting and Notification (Warning) System is in use. Periodic reviews of the system shall be made and plans for improvement formulated as necessary.
 2. A public awareness program has been developed as a part of the Emergency Public Information Program, which outlines the use of the System.
- B. Preparedness
1. The System is tested on a regular basis.
 2. New personnel are trained in the use of the System.

**EMERGENCY MANAGEMENT PLAN
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**ANNEX W – TAB 1
ALERTING AND NOTIFICATION**

C. Response

1. The primary Warning Point for Matagorda County is the Matagorda County Sheriff's Department.

The alternate Matagorda County Warning Points are the Bay City and Palacios Police Departments.

The County Warning Point receives warning information from or through the Area Warning Point at DPS Pierce.

Each of these warning points is operational 24 hours per day, seven days a week, year round.

2. Emergency warning information is received at the Matagorda County Warning Point, or alternate as appropriate, and disseminated as described above.

D. Recovery

1. Recovery from an emergency classification will be disseminated to the public by the Emergency Alert System (EAS).
2. The public will be informed, via the Emergency Alert System (EAS), when the crisis has passed, and return has been recommended by the Emergency Management Director.

E. Applicable Procedure

The following procedures are applicable to this tab, Alerting and Notification, and shall be implemented in the event of a declared emergency at the South Texas Project Electric Generating Station (STPEGS).

Procedure 10, Emergency Management Director
Procedure 11, Emergency Management Coordinator
Procedure 20, Sheriff's Office Dispatcher
Procedure 21, Communications Officer
Procedure 22, Warning and Evacuation/Traffic and Access Control
Procedure 23, Activation of the Public Warning System
Procedure 24, Matagorda County Sheriff
Procedure 30, Fire Services Coordinator
Procedure 50, Transportation Officer
Procedure 60, Public Information Officer
Procedure 61, KMKS Radio Operations
Procedure 62, KZRC Radio Operations
Procedure 63, Emergency Alert System Messages and News Advisories

**EMERGENCY MANAGEMENT PLAN
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**ANNEX W – TAB 1
ALERTING AND NOTIFICATION**

VI. Administration and Support

A. Prompt Notification System

A program has been developed to test, maintain and repair sirens and alert radios.

B. Communications

Rosters are maintained by respective departments to identify personnel that must be notified.

C. Support

The South Texas Project Electric Generating Station (STPEGS) provides support for maintenance, testing and repair of the prompt notification system.

VII. Continuity of Government

Lines of succession are established in the Basic Plan and in the respective departmental policies and procedures.

Primary and alternate Matagorda County Warning Points (Alerting and Notification Points) have been established and the operating personnel have been trained.

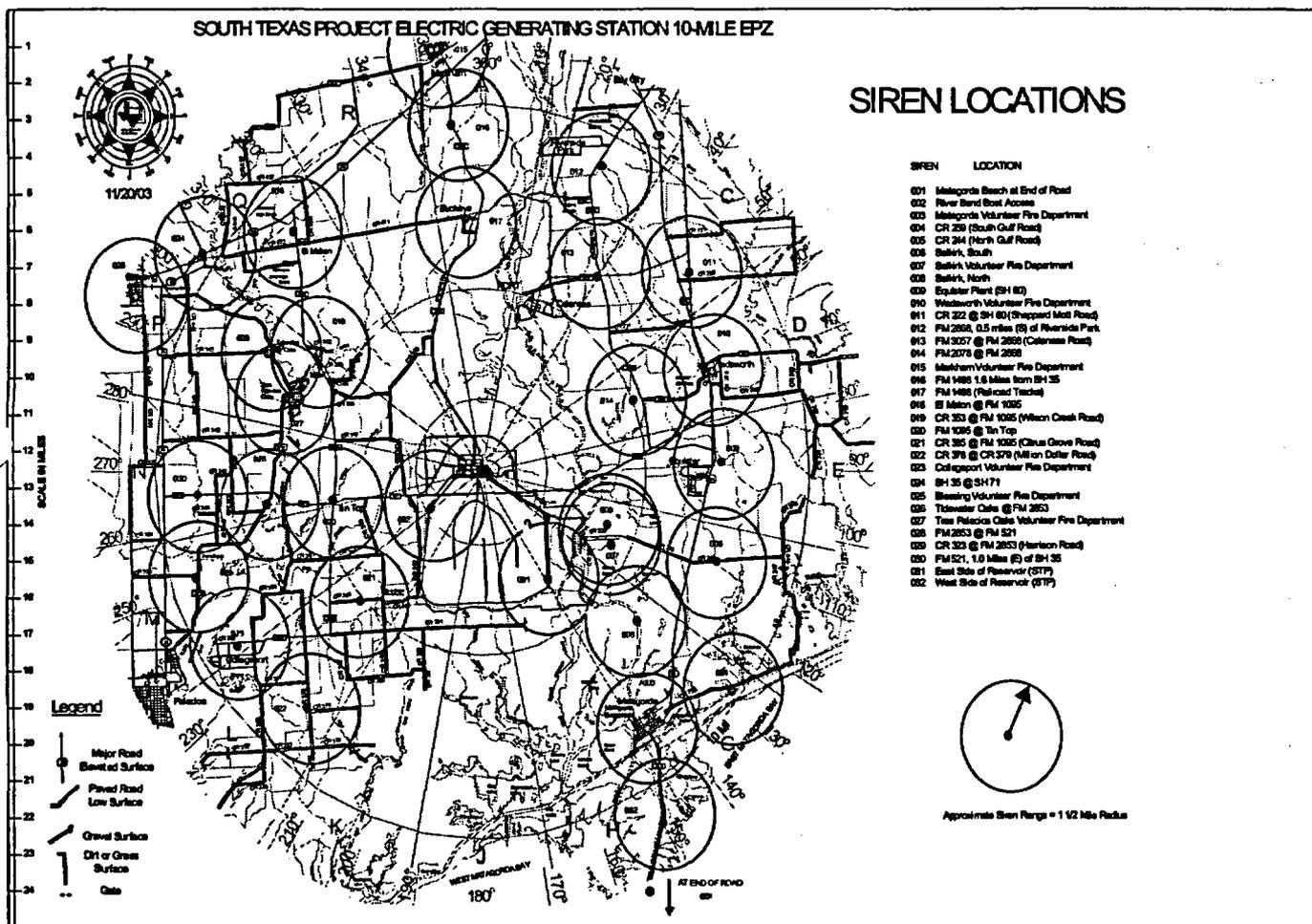
VIII. Review and Update

This tab, as a part of Annex W, will be reviewed annually, and updated if necessary, as the result of use, audits, and drill and exercise critiques.

**EMERGENCY MANAGEMENT PLAN
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**ANNEX W – TAB 1
ALERTING AND NOTIFICATION**

**SIREN LOCATIONS
FIGURE 1
(Typical)**

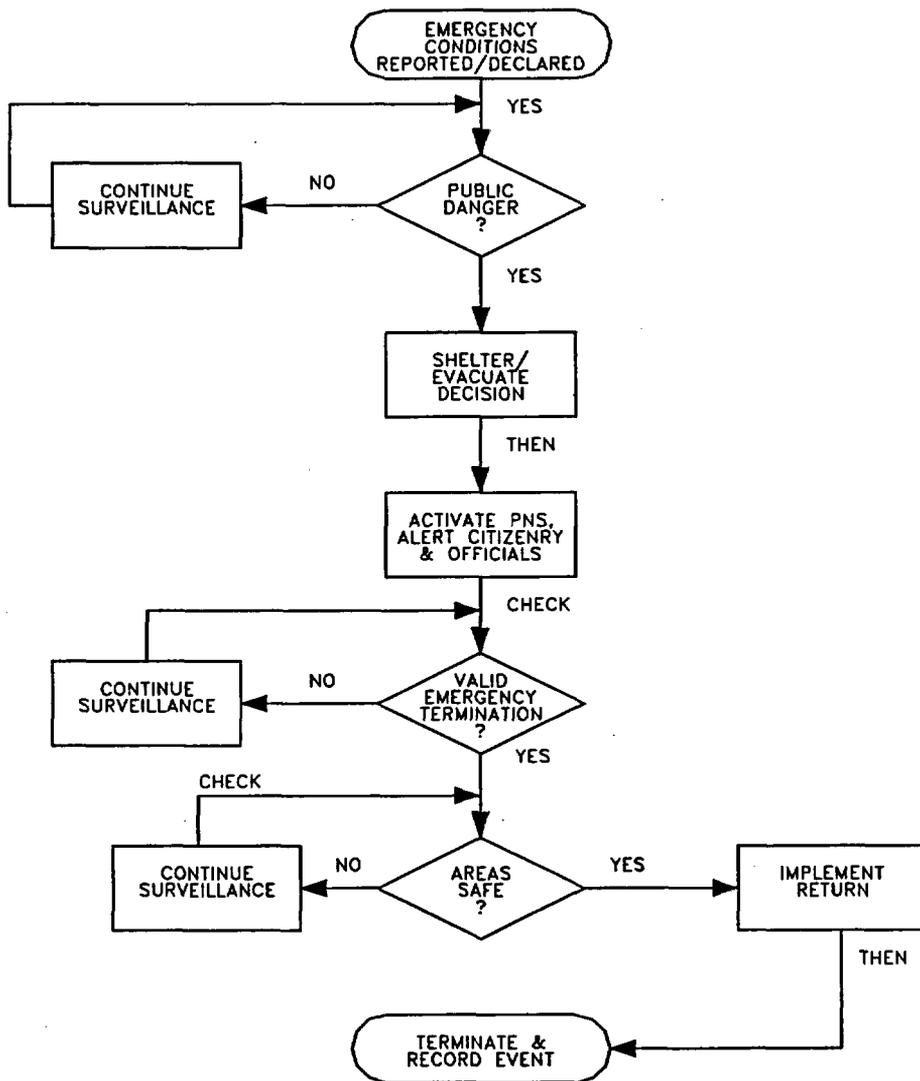


NOTE: Actual full size map is located in the appropriate Annex W procedure.

**EMERGENCY MANAGEMENT PLAN
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**ANNEX W – TAB 1
ALERTING AND NOTIFICATION**

**EMERGENCY NOTIFICATION DECISION PROCESS
FIGURE 2**

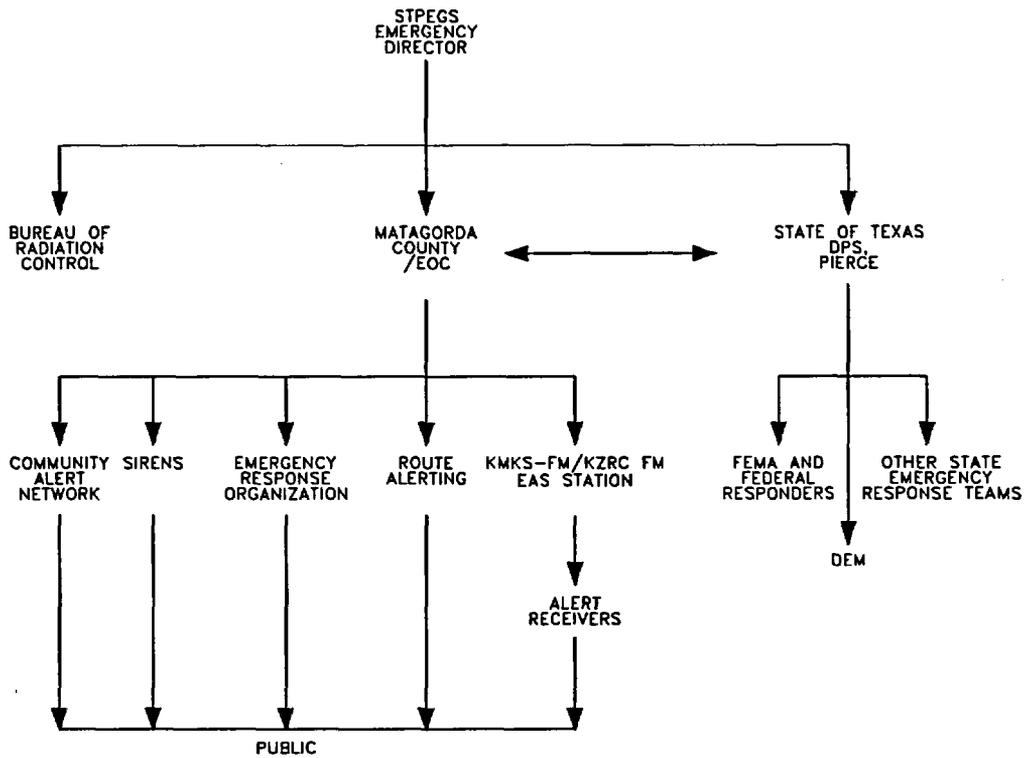


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**EMERGENCY MANAGEMENT PLAN
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**ANNEX W – TAB 1
ALERTING AND NOTIFICATION**

**EMERGENCY NOTIFICATION SYSTEM FOR
FIXED NUCLEAR FACILITY INCIDENTS
FIGURE 3**



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EMERGENCY MANAGEMENT PLAN
FOR
MATAGORDA COUNTY, BAY CITY, AND PALACIOS
ANNEX W - TAB 2
COMMUNICATIONS

**EMERGENCY MANAGEMENT PLAN
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**ANNEX W – TAB 2
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**EMERGENCY MANAGEMENT PLAN
FOR
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**ANNEX W – TAB 2
COMMUNICATIONS**

I. Purpose

This Tab identifies the systems and their uses for emergency communications in response to an emergency at the South Texas Project Electric Generating Station (STPEGS).

A. Situations

The Emergency Operations Center (EOC) is located in the Matagorda County Sheriff's Office. The Sheriff's Office, in particular, the Sheriff's Office Dispatch, is staffed 24 hours a day. Equipment is available to provide communications for emergency operations.

B. Assumptions

Adequate communications are vital for effective and efficient warning, response and recovery operations. Additional communications equipment required for emergency operations will be made available from citizens, business, and/or other government agencies.

II. Authority

This Communications Tab to Annex W is promulgated under the authorities identified in the Basic Plan and Annex W.

III. Systems and Equipment

Figure 1, Emergency Communications Diagram lists the Matagorda County Emergency Operations Center (EOC) mechanism for communication with various facilities and organizations.

A. Telephone

1. Telephone service is provided to the Matagorda County Emergency Operations Center (EOC) by SBC Communications, Inc. Services include local, long distance, and a direct line to the South Texas Project Electric Generating Station (STPEGS).
2. Telephone service is provided to the South Texas Project Electric Generating Station (STPEGS) by the Verizon. Services include local, long distance, and a direct line to the Matagorda County Emergency Operations Center (EOC).
3. Dedicated (ringdown) telephone line service interconnects the Matagorda County Sheriff's Office Dispatcher, the Matagorda County Emergency Operations Center (EOC), the South Texas Project Electric Generating Station (STPEGS) Control Room, Technical Support Centers (TSC), Emergency Operations Facility (EOF), and the DPS District Disaster Sub 2C Headquarters at Pierce.

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4. Telecopiers and FAX machines are provided at the Matagorda County Sheriff's Office and the Matagorda County Emergency Operations Center for receipt and transmission of alert and notification messages.
5. The Matagorda County Sheriff's radio frequency is available as a backup communication pathway between the County and the South Texas Project Electric Generating Station (STPEGS).
6. An 800 Mhz radio system is another backup communication pathway between Matagorda County Sheriff's Dispatch Office, Matagorda County EOC, DPS District Disaster Sub 2C Headquarters at Pierce, and the South Texas Project Electric Generating Station (STPEGS).
7. A UHF radio system used by the County Commissioners serves as a back-up communications link between the Matagorda County EOC and the Precinct Barns.

B. Radio

Radio locations, types and instructions on frequency are maintained at the Matagorda County Sheriff's Office.

1. Radio communications available to the County are:

- Law Enforcement radio (VHF)
- U.S. Coast Guard radio
- Fire Department radio (VHF/800 Mhz)
- Emergency medical/ambulance radio (VHF/800 Mhz)
- Industrial radio by request
- Volunteer radio systems such as amateur (RACES)
- Citizen band
- Marine radio
- 800 Mhz
- UHF
- Nextel
- LCRA

2. Radio repair and maintenance capability is available in Matagorda County.

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C. Law Enforcement Teletype Service

1. The Texas Law Enforcement Telecommunications System (TLETS) is available at the Matagorda County Emergency Operations Center (EOC) (Matagorda County Sheriff's Office) and at the Bay City Police Department. The system is a leased line teletype system managed by the Texas Department of Public Safety in Austin. The system provides a capability to communicate with the state, adjacent counties, cities, and other states.

D. Emergency Alert System

The Emergency Alert System (EAS) is a volunteer emergency communication system provided by the local area broadcasters. The primary Emergency Alert System (EAS) station for emergency communications to the public during an emergency at the South Texas Project Electric Generating Station (STPEGS) is KMKS-FM, 102.5 in Bay City. The alternate station is KZRC-FM, 92.5 is also located in Bay City.

E. Other/Volunteer

1. The Matagorda County Amateur Radio Club operates a highband radio repeater in Bay City. The Club has agreed to provide emergency communications support to the American Red Cross, Matagorda County, Bay City, and Palacios upon request. The club capabilities include voice and data communications. Matagorda County owns HAM radio equipment that is housed at the Sheriff's office.
2. Marine radio communications are available from several docks and the U. S. Coast Guard.

IV. Concept of Operations

Responsibility for coordination of the emergency communications and emergency communications facilities rests with the Matagorda County Sheriff. The Emergency Management Director is the overall authority for the Emergency Operations Center (EOC) and its emergency communications center.

A. Intra-county Communications

1. Telephone services interconnect the county and cities with other offices in the county including the Matagorda County Emergency Operations Center.

**EMERGENCY MANAGEMENT PLAN
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**ANNEX W – TAB 2
COMMUNICATIONS**

2. Radio communications with field personnel is a daily service in the following departments:
 - a) Matagorda County Sheriff's Office
 - b) Matagorda County Commissioners
 - c) Hospitals and Ambulances
 - d) Volunteer Fire Departments
- B. County-County Communications**
1. Telephone services interconnect the Matagorda County Emergency Operations Center (EOC) with the Emergency Operations Centers of adjacent counties as needed.
 2. Radio communications with adjacent counties is provided by the Law Enforcement intercity radio communications channels.
- C. County-State-Federal Communications**
1. Telephone services interconnect the Matagorda County Emergency Operations Center (EOC) with the DPS Disaster District Sub 2C and the State Emergency Operations Center.
 2. Radio communications between the Matagorda County Emergency Operations Center (EOC) and the Disaster District Sub 2C Emergency Operations Center (EOC) are provided by the Law Enforcement intercity radio channels. Law Enforcement vehicles are equipped with these radio channels and may serve as a backup to the dispatch radio station if necessary. In addition, as a backup the 800 Mhz radio provides an emergency communications capability between the Matagorda County Dispatch Center and DPS Pierce Dispatch Center.
 3. Federal communications are accomplished via the State.
- D. Radiological Monitor/Field Team Communications**
1. The Bureau of Radiation Control radio system is the primary communication system with the field teams.
 2. Cell phones serve as a backup communications pathway with the offsite field teams.

**EMERGENCY MANAGEMENT PLAN
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E. Reception Center Communications

1. Telephone communications are available at the Reception Centers to support facility operations. In addition to the schools telephone system, four independent lines have been installed to enhance the Reception Center's emergency response capabilities. The telephone system is the primary communication system between the Matagorda County EOC, American Red Cross offices and Matagorda County Environmental Health Department. Telephone communications will be used to call out staff and to activate the center.
2. Fax machines have been installed in the reception centers for receipt and transmission of hard copy information primarily between the Reception Centers and County EOC.
3. Upon request, the Matagorda County Amateur Radio Club will provide the Reception Centers with an additional communication capability.

F. Congregate Care Facility Communications

1. Congregate Care Facilities utilize existing host facility telephone capabilities for communications with American Red Cross (ARC) officials and individual or personal calls.

F. Emergency Medical/Ambulance

1. The telephone will be used to request assistance and to inform the hospital of an incoming injured person, radiologically contaminated or not.

The telephone will be used to request an emergency ambulance if needed, by calling the Gulf Coast Emergency Medical Services (EMS) direct or the Matagorda County Sheriff's Office and requesting an ambulance.

2. Radio communication is available between the ambulance and the hospitals and between the ambulance and the Sheriff's Office.
3. Gulf Coast EMS also utilizes cell phones as an additional communications capability.

**EMERGENCY MANAGEMENT PLAN
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**ANNEX W – TAB 2
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G. Fire and Rescue

1. The volunteer fire departments are available by telephone. The "fire phone" emergency telephone number is answerable from several locations to ensure that someone is always present to receive the call and dispatch the appropriate equipment.
2. The volunteer fire departments' personnel are in communication with the Sheriff's Office dispatcher and their respective fire departments. Fire department assistance to the South Texas Project Electric Generating Station (STPEGS) may be requested from Bay City and/or Palacios.

H. System Testing

Emergency communications facilities will be tested monthly. Daily use may be used to document the monthly tests. Those facilities which are not operational during a test shall be scheduled for repair or replacement as necessary. The testing is documented according to the communications system testing procedure.

I. Maintenance

Maintenance of the communications facilities is the responsibility of the respective owner. The Emergency Management Coordinator is responsible for coordination to encourage prompt repair and to document the repairs according to procedure.

J. Restoration Policy

Restoration priority for the communications systems is established as follows:

- Emergency Operations Center
- Law Enforcement/Police
- Hospital(s)
- Emergency Medical Services
- Fire Departments and other potential life saving activities
- Other emergency facilities
- Other facilities

**EMERGENCY MANAGEMENT PLAN
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K. Phases of Management

1. Mitigation

- a) An adequate communications system has been developed. The system is periodically reviewed and plans for improvement are formulated as necessary.

2. Preparedness

- a) Equipment is kept under a schedule of testing, maintenance, and repair.
- b) Replacement parts are kept at the Emergency Operations Center (EOC) and arrangements are provided for additional repair facilities.
- c) Personnel are trained on the appropriate equipment as necessary.

3. Response

- a) When emergency operations are initiated, the Communications Officer, with coordination through the Emergency Management Coordinator, will determine which communications personnel will be required. Staff requirements may vary according to the emergency.
- b) Arrangements will be made to ensure emergency equipment repair on a 24-hour basis.
- c) Warning procedures will be initiated.

4. Recovery

- a) All activities in the emergency phase will continue until such time as emergency communications are no longer required.

L. Records

Matagorda County Emergency Management Basic Plan Annex W procedures will be used to log, maintain, and handle messages and records.

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M. Applicable Procedure

The following procedures are applicable to this Tab, Communications, and shall be implemented in the event of a declared emergency at the South Texas Project Electric Generating Station (STPEGS):

Procedure 10, Emergency Management Director
Procedure 11, Emergency Management Coordinator
Procedure 20, Sheriff's Office Dispatcher
Procedure 21, Communications Officer
Procedure 24, Matagorda County Sheriff

V. Direction and Control

Routine communications will be handled by standard operating procedures. During emergency situations which require Emergency Operations Center (EOC) activation, the Communications Officer will be responsible for coordination of communications activities. He/she will be responsible for ensuring communications have been established with appropriate officials, organizations, field teams, and other emergency response personnel.

VI. Continuity of Government

Each department/agency has developed lines of succession in the respective policies and procedures. The lines of succession of the senior elected officials are reflected in the Basic Plan.

VII. Review and Update

This tab, as a part of Annex W, will be reviewed annually, and updated if necessary, as the result of use, audits, and drill and exercise critiques.

**EMERGENCY MANAGEMENT PLAN
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COMMUNICATIONS**

**EMERGENCY COMMUNICATIONS DIAGRAM
FIGURE 1**

The Matagorda County Emergency Operations Center (EOC) mechanisms for communication with various facilities and organizations is listed below.

MATAGORDA COUNTY EOC COMMUNICATIONS	TELEPHONE	TWO-WAY RADIO	DEDICATED TELEPHONE	FACSIMILE	TLETS
STPEGS	X	X	X	X	~
DPS, Pierce	X	X	X	X	X
Sheriff/Police	X	X	X	X	X
Fire Departments	X	X	~	~	~
County Commissioners	X	X	~	~	~
City Government	X	~	~	X	X
FAA/Airports	X	~	~	~	~
Amateur Radio	X	X	~	~	~
Private Utilities	X	~	~	~	~
National Weather Service	X	~	~	X	~
Marine	X	~	~	~	~
Hospitals	X	X	~	X	~
Joint Information Center	X	~	~	X	~
Commercial Broadcast (Radio/TV)	X	~	~	X	~
Reception Centers	X	~	~	X	~
Congregate Care Facilities	X	~	~	~	~

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EMERGENCY MANAGEMENT PLAN
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ANNEX W - TAB 3
EVACUATION

**EMERGENCY MANAGEMENT PLAN
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**ANNEX W – TAB 3
EVACUATION**

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**ANNEX W – TAB 3
EVACUATION**

I. Purpose

The purpose of this Tab to Annex W is to provide a planning basis for evacuation of the Plume Exposure Pathway Emergency Planning Zone (EPZ), approximately 10 miles radius, around the South Texas Project Electric Generating Station (STPEGS).

This Tab also identifies the special facilities within the Emergency Planning Zone (EPZ) and provides for respective emergency evacuation when recommended by the County Judge (Emergency Management Director) or the designated alternate.

A. Situations

There are several emergency situations that might require an evacuation of part or all of the 10 Mile Plume Exposure Pathway Emergency Planning Zone (EPZ).

B. Assumptions

It is assumed that the public will receive and understand official information related to an evacuation. Most of the public will act in their own interest and evacuate when advised to do so by local government authorities. Some individuals may, however, refuse to evacuate.

While most emergency events are slow moving, providing ample response time, the worse case assumption is that there will be little or no warning of the need to evacuate.

The decision to evacuate could occur day or night. There may be little control over the start time for evacuations.

There may not be time to obtain manpower support from outside sources.

Many evacuees may seek shelter with relatives or friends rather than use designated reception centers and congregate care facilities.

Most evacuees will use private transportation means; however, transportation may need to be provided for some evacuees.

Twenty percent of total population will report to the reception center(s) to be accounted for, monitored, and decontaminated (if necessary).

The South Texas Project Electric Generating Station (STPEGS) onsite personnel may require assistance with evacuation transportation.

**EMERGENCY MANAGEMENT PLAN
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**ANNEX W – TAB 3
EVACUATION**

II. Authorities

This Tab is promulgated under the authorities identified in the Basic Plan and Annex W.

III. Concept of Operations

A. Notification Receipt

1. The Matagorda County Sheriff's Office or the Emergency Operations Center (EOC), if activated, is responsible for the receipt of recommendations to evacuate from the State and/or the Emergency Director of the South Texas Project Electric Generating Station (STPEGS).
2. The recommendation(s) may be received by facsimile, telephone, radio, Texas Law Enforcement Telecommunication System (TLETS), or courier.
3. A recommendation to evacuate shall be logged. The log shall indicate
 - a) The date and time of receipt,
 - b) The name of the recommending party,
 - c) The name of the person communicating the recommendation, and
 - d) The initials of the receiving Sheriff's Office Dispatcher or EOC Official.

B. Notification Dissemination

1. Evacuation Recommendation

The recommendation to evacuate is received from the South Texas Project Electric Generating Station (STPEGS). The County Judge (Emergency Management Director) or the designated alternate shall make a decision whether or not to evacuate. Once the decision has been made, the public will be notified in a timely manner (approximately 15 minutes) via the prompt notification system.

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2. Public Evacuation Recommended

The County Judge (Emergency Management Director) or the designated alternate is responsible to determine if an evacuation will be recommended to the public.

The Emergency Management Coordinator and/or Communications Officer shall implement Procedure 22, "Warning and Evacuation/Traffic and Access Control."

Special facilities, identified in Figure 4, will be contacted and advised. These facilities have established evacuation plans and will instruct their personnel to report to a reception center. The Transportation Officer will notify the affected schools.

When an evacuation is recommended by the County Judge (Emergency Management Director), the following activities will be accomplished by the designated person listed below:

- | | | |
|----|--|---|
| a) | Disseminate the recommendation to the Emergency Operations Center (EOC) staff. | Emergency Management Director |
| b) | Telephone or prepare an announcement/notice for transmission to the Mayors and Law Enforcement personnel of Bay City and Palacios. | Emergency Management Coordinator |
| c) | Prepare a public announcement for broadcast over the Emergency Alert System (EAS) station to the public. | Public Information Team |
| d) | Approve, sign and date the EAS message. | Emergency Management Director |
| e) | Activate the sirens. | Sheriff's Office Dispatcher or Communications Officer |

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- | | |
|---|---|
| f) Provide an approved announcement to the Emergency Alert System (EAS) station and request immediate activation of the Emergency Alert System (EAS) and broadcast of the evacuation announcement and instructions. | Public Information
Officer/Writer
Emergency Management
Coordinator
Administrative Assistant |
|---|---|

NOTE:
Steps e and f should occur in a timely manner (approximately 15 minutes) of the decision to recommend protective actions.

- | | |
|--|---|
| g) Request assistance from the State by contacting the Disaster District Sub 2C, DPS, Pierce, by telephone, facsimile, Texas Law Enforcement Telecommunications System (TLETS), or in writing, if necessary. | Emergency Management
Director/Coordinator |
| h) If not previously performed, notify the American Red Cross Director and Environmental Health Director to request that a Reception Center(s) and Congregate Care Facility (See Figures 5 and 6), if required, be staffed and activated. The Transportation Officer is to activate the bus systems to provide transportation, if requested. | Emergency Management
Coordinator
American Red Cross
Director
Environmental Health
Director
Transportation Officer |
| i) Contact persons identified as special needs populations, such as mobility impaired, and make necessary arrangements to assist. | American Red Cross
Transportation Officer |

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j) American Red Cross, Environmental Health and Matagorda County emergency management personnel shall relocate critical personnel, supplies, and equipment to the Reception Center.

3. **South Texas Project Electric Generating Station (STPEGS) Onsite Personnel Evacuation Request.**

If a request from the Emergency Director of the South Texas Project Electric Generating Station (STPEGS) is received to assist with the South Texas Project Electric Generating Station (STPEGS) personnel evacuation, then the Emergency Management Coordinator and Sheriff shall implement Procedure 22, "Warning and Evacuation/Traffic and Access Control" with coordination from all Emergency Operations Center (EOC) positions affected by an evacuation action.

Since the Emergency Management Plan establishes the County as the lead governmental entity for emergencies, the County resources are committed to aid as necessary in any evacuation of personnel from the South Texas Project Electric Generating Station (STPEGS). In the event that evacuation is deemed necessary, the Matagorda County Office of Emergency Management will coordinate and control the mobilization of those forces that are necessary for the transportation and traffic control of evacuees in the same manner as that which is used for the general public.

Matagorda County will take responsibility for providing monitoring and decontamination for personnel evacuated. However, the South Texas Project Electric Generating Station (STPEGS) will provide personnel, as required, to support these activities. Aid may be requested from the Matagorda County Emergency Operations Center (EOC) in the form of supplementary transportation, housing, or food as necessary. County forces will be utilized in conjunction with those of the State and other agencies to provide all possible services.

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**ANNEX W – TAB 3
EVACUATION**

**C. Traffic Control Matagorda County Sheriff
 Communications Officer**

1. The Matagorda County Sheriff working in conjunction with the Communications Officer shall designate traffic control points on the roads leading out of the area and assign Officers or designees to control the traffic flow into and out of the evacuation area.

2. The Matagorda County Sheriff and/or Communications Officer, assisted by the Department of Public Safety (DPS), and the Texas Department of Highways and Public Transportation, shall review the routes and potential traffic loads.

3. The primary evacuation routes are:
 - FM 521 east and west

 - FM 2668 north

 - FM 1468 north

 - FM 1095 north

 - FM 2853 north and south

 - Texas 35 east and west

 - Texas 60 north

**EMERGENCY MANAGEMENT PLAN
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**ANNEX W – TAB 3
EVACUATION**

4. Figure 3 is a map of the Plume Exposure Pathway Emergency Planning Zone (EPZ), showing the evacuation routes and traffic control points.

Traffic Control Points may be located at, but are not limited to, the following locations:

Designator	Location
CP 1	Intersection of FM 521 and FM 2668
CP 2	Intersection of FM 521 and FM 1468
CP 3	Intersection of FM 521 and CR 392
CP 4	Intersection of FM 521 and FM 1095
CP 5	Intersection of FM 1468 and CR 358
CP 6	Intersection of CR 242/244 and SH 60
CP 7	Intersection of FM 1468 and CR 411
CP 8	Intersection of FM 1095 and CR 380/381
CP 9	Intersection of FM 1095 and CR 391
CP 10	Intersection of FM 2668 and FM 3057
CP 11	Intersection of FM 1095 and CR 354
CP 12	Intersection of FM 521 and SH 60
CP 13	Intersection of FM 2078 and SH 60 in Wadsworth
CP 14	Intersection of FM 1095 at El Maton/ CR 411/432
CP 15	Intersection of FM 521 and FM 2853
CP 16	Intersection of FM 2668 and SH 60
CP 17	Intersection of FM 1468 and SH 35
CP 18	Intersection of FM 1095 and SH 35

**EMERGENCY MANAGEMENT PLAN
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EVACUATION**

CP 19	Intersection of FM 521 and SH 35
CP 20	Intersection of FM 2853 and CR 323
CP 21	Intersection of FM 521 and CR 364 at the Tres Palacios River
CP 22	Intracoastal Waterway 3 miles east of Matagorda Locks at the cut into East Bay
CP 23	FM 2031 at the swing bridge
CP 24	Colorado River at the intersection with the Intracoastal Waterway
CP 25	Intracoastal Waterway at the McNabb Island Cut
CP 26	Intracoastal Waterway at the Crab Lake Cut
CP 27	Entrance to the Intracoastal Waterway at Tres Palacios Bay (East)
CP 28	Tres Palacios River and Tres Palacios Bay at Collegeport
CP 29	Riverside Park

5. An Evacuation Time Estimate Study has been performed for the Plume Exposure Pathway Emergency Planning Zone (EPZ), by Earth Tech. The information has been used to develop the Evacuation Zones shown in Figure 2. The zones in Figure 2 are based upon natural boundaries and roads. These zones can be evacuated individually or in any combination if evacuation becomes necessary. The complete study is on file at the Matagorda County Emergency Management Office and is available for review if desired. Figure 3 provides a map showing permanent resident population distribution, by zone, for a ten mile radius of the South Texas Project Electric Generating Station(STPEGS). This data is based on the 2000 Census.

**EMERGENCY MANAGEMENT PLAN
FOR
MATAGORDA COUNTY, BAY CITY, AND PALACIOS**

**ANNEX W – TAB 3
EVACUATION**

6. The Matagorda County Sheriff and/or Communications Officer, with assistance from the Texas Department of Public Safety (DPS) and the Texas Department of Highways and Public Transportation, shall review the evacuation routes, primary and alternates, and take appropriate action to ensure passability even during inclement weather, flooding and vehicle accidents.
7. Matagorda County Sheriff and the Communications Officer, with recommendations from the Emergency Director of the South Texas Project Electric Generating Station (STPEGS), shall establish pick-up, delivery locations, and evacuation routes for the South Texas Project Electric Generating Station (STPEGS) onsite personnel being evacuated.

D. Special Facilities

Special Facilities are establishments or operations that are located within the 10 mile radius of the South Texas Project Electric Generating Station (STPEGS) and require special consideration during evacuation (e.g. schools, industry, etc.). These will be contacted by the Emergency Management Coordinator or Communications Officer if protective action recommendations are issued.

Facilities within approximately 10 miles of the South Texas Project Electric Generating Station (STPEGS) are specified on Figure 4 and include:

Facility	Population
Airports	
20 Agricultural Landing Strips	Intermittent
Industry	
Star Terminal	10
El Paso Field Services – Oyster Creek	7
Celanese	456
Equistar	270
Seahawk, Matagorda Gas Plant	10
South Texas Project Electric Generating Station	1400
Apache	2
U.S. Army Corp of Engineers	12

**EMERGENCY MANAGEMENT PLAN
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Facility	Population
Law Enforcement	
None	
Recreational	
Bay-Cel Club	Transient (50)
Riverside Park/Rio Colorado Golf Course	Transient (200)
Matagorda Harbor & RV Park	Transient (65)
Fishermans Motel	Transient
Light RV Parks	Transient
STP House	Transient
FM 521 River Park	Transient
Carl Park	Transient
Schools	
Matagorda Elementary School	110
Tidehaven High School/Administration Office	293
Tidehaven Junior High School	250
Total	2,816
Volunteer Fire Departments	
Matagorda VFD	
Tres Palacios Oaks VFD	
Wadsworth VFD	
Collegeport VFD	
Selkirk VFD	

1. Includes resident, possible transient, industrial, recreational and special facilities population.
2. The Volunteer Fire Departments are only staffed in preparation for fire fighting.

**EMERGENCY MANAGEMENT PLAN
FOR
MATAGORDA COUNTY, BAY CITY, AND PALACIOS**

**ANNEX W – TAB 3
EVACUATION**

E. Reception Center

1. The evacuees shall be routed to a Reception Center at McAllister Middle School, Bay City, or Palacios High School, Palacios. (See Figures 5 and 6)
2. The determination of the Reception Center to which the evacuees are to be routed is based upon the intensity and direction of travel of the radioactive plume, and prevailing weather conditions. The Emergency Management Director/Coordinator, assisted by the Bureau of Radiation Control (BRC) and the South Texas Project Electric Generating Station (STPEGS) shall determine which evacuation routes are to be used and to which Reception Center the evacuees should report.
3. The evacuees will be registered and advised where Congregate Care is available while at the Reception Center. If Congregate Care is necessary, the American Red Cross Reception Center personnel shall assign the evacuees to an appropriate Congregate Care Facility.
4. Radiological monitoring of the evacuees will be performed as evacuees arrive at the Reception Center. There will be sufficient equipment and monitoring personnel available to enable monitoring, within 12 hours, of 20% of residents and transients evacuated from the Emergency Planning Zone (EPZ). If no radiological contamination is detected or if contamination is within acceptable limits as approved by the Bureau of Radiation Control (BRC), the evacuee shall be allowed to enter the Reception Center and be registered.
5. Individuals with radiological contamination shall be referred to the decontamination area for decontamination and additional monitoring prior to acceptance into the Reception Center. As a minimum, decontamination will be performed in accordance with State regulations on acceptable levels of contamination.

F. Evacuation Areas

1. The Plume Exposure Pathway Emergency Planning Zone (EPZ) is divided on natural and geographic boundaries, rivers, and roads into Protective Response Zones.

**EMERGENCY MANAGEMENT PLAN
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2. These zones are identified by a numbering system:

Zone 1: An area generally north and northeast of the South Texas Project Electric Generating Station and FM 521, running in an arc around the northern portion of the Station.

(Note: No resident population in this area)

Zone 2: An area generally northeast of the South Texas Project Electric Generating Station within these boundaries: East of FM 1468, south of FM 3057, west of FM 2668, and north of FM 521 east, and which includes Celanese.

Zone 3: An area generally southeast of the South Texas Project Electric Generating Station within these boundaries: East of the Colorado River and Kelly Lake, south of FM 521, west of SH 60, north of the protection levee at Matagorda, and includes Selkirk Island, Exotic Isle, and EquiStar.

Zone 4: An area generally west of the South Texas Project Electric Generating Station within these boundaries: East of FM 1095, south of FM 521, west of CR 392, north of CR 391, and which includes Tin Top and Citrus Grove Community.

Zone 5: An area generally northwest of the South Texas Project Electric Generating Station within these boundaries: East of the Tres Palacios River, south of Wilson Creek, west of FM 1468, and north of FM 521.

Zone 6: An area generally northeast of the South Texas Project Electric Generating Station within these boundaries: East of the Colorado River and Celanese, south and west of Live Oak Creek, west of CR 262, north of FM 521, FM 3057, and includes Riverside Park, Hales Acres, and Meadowbrook Estates.

Zone 7: An area generally east and southeast of the South Texas Project Electric Generating Station within these boundaries: East of SH 60, west of CR 262, and CR 248, south of CR 237 and south of the Protection Levy of Matagorda, north of St. Mary's Bayou which includes the town of Matagorda and the Intracoastal Waterway east of the Colorado River.

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- Zone 8:** An area generally south of the South Texas Project Electric Generating Station within these boundaries: East of Mad Island Slough, south of the South Texas Project Electric Generating Station south property boundary, west of the Colorado River, and north of West Matagorda Bay.
- Zone 9:** An area generally southwest of the South Texas Project Electric Generating Station within these boundaries: East of SH 35, south of FM 521, west of FM 1095, and Mad Island Slough, and which includes Collegeport and the northern portion of Tres Palacios Bay.
- Zone 10:** An area generally northwest of the South Texas Project Electric Generating Station within these boundaries: East and south of SH 35, west of the northern portion of FM 1095 and the Tres Palacios River, north of FM 521, and which includes Tidewater Oaks, and Tres Palacios Oaks.
- Zone 11:** An area generally north of the South Texas Project Electric Generating Station within these boundaries: East of the northern portion of FM 1095, south of SH 35, west of the northern portion of the Colorado River, north of Wilson Creek, and which includes El Maton and Buckeye.
3. Matagorda County Emergency Management Plan Procedure 22, "Warning and Evacuation/Traffic and Access Control" will be followed, which details how an evacuation is performed. This will include provisions for authorizing and tracking people reentering the area.
- G. A study has been conducted providing evacuation time estimates from all areas of the Plume Exposure Pathway Emergency Planning Zone. Based on this study a conservative estimate of four (4) hours is made to evacuate the entire Plume Exposure Pathway Emergency Planning Zone (EPZ) under inclement weather conditions.

**EMERGENCY MANAGEMENT PLAN
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**ANNEX W – TAB 3
EVACUATION**

H. Phases of Management

1. Mitigation

Identify areas potentially in need of evacuation (i.e., areas near radioactive material releases, etc.). Develop a public information program to increase citizen awareness of reasons for possible evacuation, routes to travel, availability of transportation, reception locations, appropriate food, clothing and other essential items to pack when evacuating, etc.

2. Preparedness

Identify population groups who may require special assistance during evacuation (senior citizens, disabled individuals, schools, etc.), designated as special populations. Plan evacuation routes, taking into account traffic capacities and likely road conditions. Educate the public about evacuation procedures. Coordinate with Reception Centers.

3. Response

Advise citizens to evacuate when necessary. Arrange to evacuate special populations needing assistance. Arrange to assist in evacuation of South Texas Project Electric Generating Station (STPEGS) personnel, if requested. Provide traffic and access control as needed. Activate Reception Centers and/or Congregate Care Facilities or contact emergency management officials in Reception Centers, as appropriate. Provide monitoring of evacuees and decontamination as needed. Keep public informed about emergency conditions and other vital information. Arrange for continued operation or rapid restart of essential services in hazard area.

4. Recovery

Initiate return via routes designated by the Emergency Management Director, when and where possible. Provide traffic control for return. Conduct public information activities. Establish a Disaster Assistance Center, if appropriate. Recovery and return will be performed in accordance with guidance provided by the State.

**EMERGENCY MANAGEMENT PLAN
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**ANNEX W – TAB 3
EVACUATION**

I. Applicable Procedures

The following procedures are applicable to this Tab and shall be implemented in the event of a declared emergency at the South Texas Project Electric Generating Station.

- Procedure 10 - Emergency Management Director
- Procedure 11 - Emergency Management Coordinator
- Procedure 13 - Emergency Operations Center Concept of Operations and Activation
- Procedure 14 - Protective Action Guides
- Procedure 20 - Sheriff's Office Dispatcher
- Procedure 21 - Communications Officer
- Procedure 22 - Warning and Evacuation/Traffic and Access Control
- Procedure 23 - Activation of the Public Warning System
- Procedure 24 - Matagorda County Sheriff
- Procedure 30 - Fire Services Coordinator
- Procedure 41 - Environmental Health Director
- Procedure 50 - Transportation Officer
- Procedure 60 - Public Information Officer
- Procedure 61 - KMKS Radio Operations
- Procedure 62 - KZRC Radio Operations
- Procedure 63 - Emergency Alert Messages and News Advisories
- Procedure 70 - American Red Cross Director
- Procedure 71 - Reception Center Operations (American Red Cross)
- Procedure 72 - Reception Center Operations (Environmental Health Department)

IV. Continuity of Government

Lines of succession are established in the respective departmental policies.

V. Administration and Support

A. Forced Evacuation

Mandatory evacuation authority does not exist in the State of Texas; however, authority does exist to control ingress and egress to and from a disaster area and the movement of persons and the occupancy of premises in the area after a disaster occurs. (Ref. Texas Disaster Act of 1975, V.T.C.A., Government Code Title 4, Chapter 41B, Section 418.018.)

B. Support

Refer to Annex W - Tab 8 Transportation, and Procedure 50, "Transportation Officer" for reference to facility and passenger transportation assets.

**EMERGENCY MANAGEMENT PLAN
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MATAGORDA COUNTY, BAY CITY, AND PALACIOS**

**ANNEX W – TAB 3
EVACUATION**

VI. Implementation

This Tab is implemented when a protective action to evacuate is made by the County Judge (Emergency Management Director) based on information received from the State or the South Texas Project Electric Generating Station (STPEGS), or at such other times as a recommendation to evacuate is issued by the Emergency Management Director.

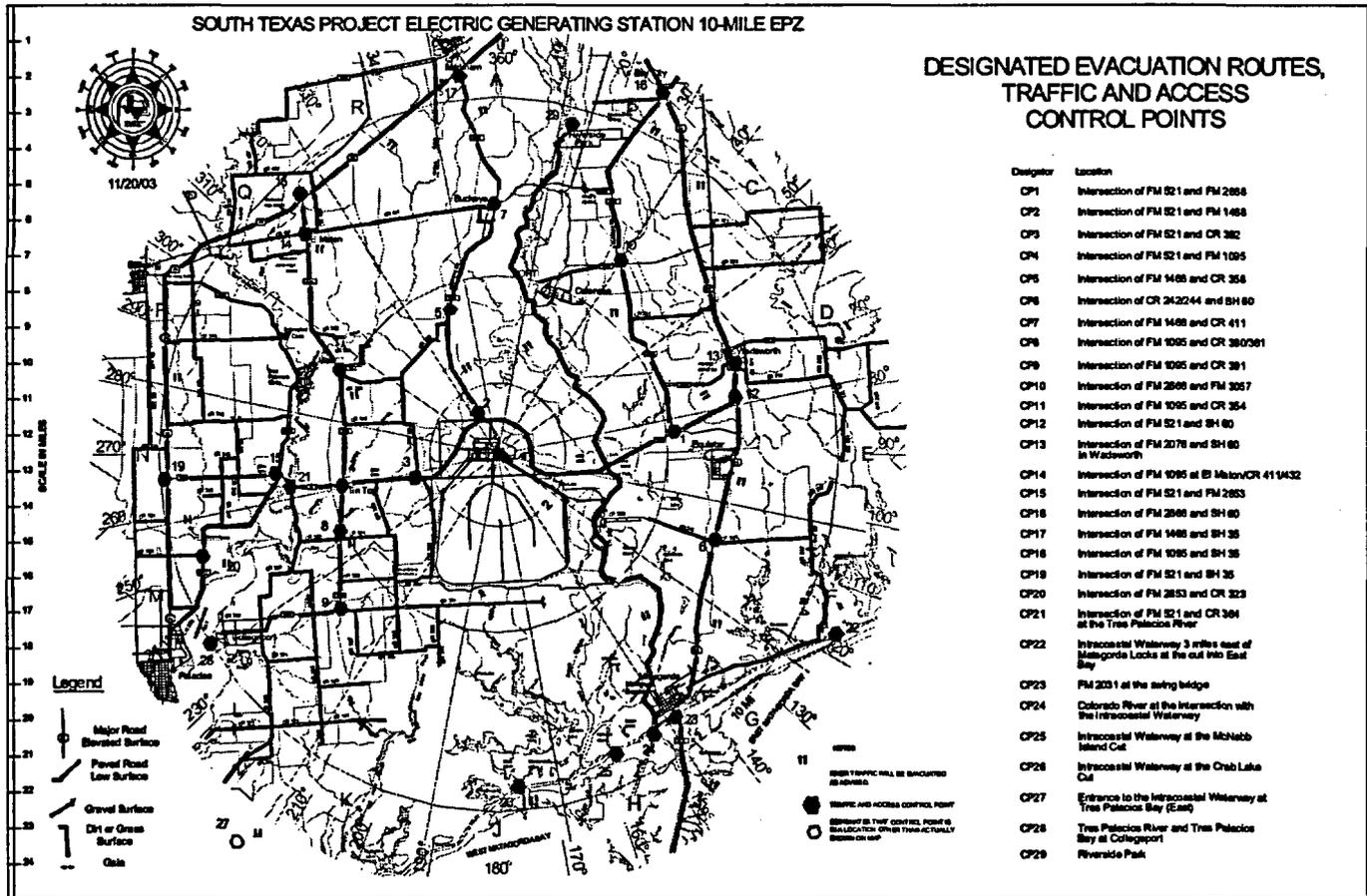
VII. Review

This tab, as a part of Annex W, will be reviewed annually, and updated if necessary, as the result of use, audits, and drill and exercise critiques.

**EMERGENCY MANAGEMENT PLAN
FOR
MATAGORDA COUNTY, BAY CITY, AND PALACIOS**

**ANNEX W – TAB 3
EVACUATION**

**EVACUATION ROUTES AND TRAFFIC CONTROL POINTS
Figure 1
(Typical)**



NOTE: Actual full size map is located in the appropriate Annex W procedure.

**EMERGENCY MANAGEMENT PLAN
FOR
MATAGORDA COUNTY, BAY CITY, AND PALACIOS**

**ANNEX W – TAB 3
EVACUATION**

**ZONE POPULATIONS AND EVACUATION TIMES
Figure 2**

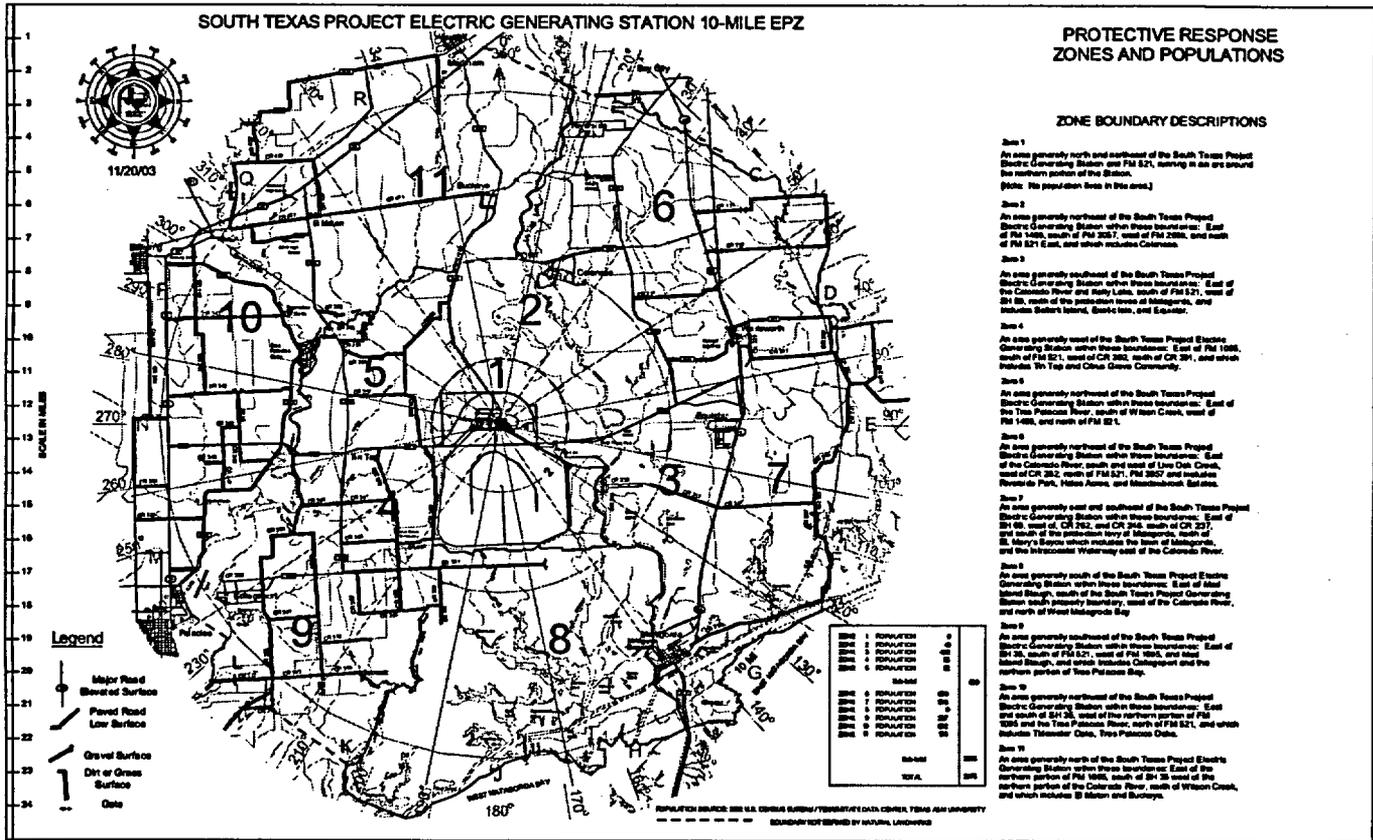
	<u>Population</u>	<u>Estimated Evacuation Time in Minutes²</u>
Zone 1	0 ¹	120
Zone 2	40 ¹	165
Zone 3	402 ¹	170
Zone 4	56 ¹	150
Zone 5 ³	82 ¹	150
Zone 6 ³	650 ¹	180
Zone 7 ³	518 ¹	185
Zone 8 ³	0 ¹	165
Zone 9	237 ¹	165
Zone 10	692 ¹	165
Zone 11	198 ¹	165

1. These values were derived from the population distributed over sectors in the five and ten mile radius, based on the 2000 census.
2. These values assume summer weekend adverse weather (worst case) times from Evacuation time Estimate Study completed by Earth Tech December 1994.
3. These estimates take into consideration that the zones closest to the plant are evacuated at the same time as the corresponding outlying zone.
4. Based on the 2000 census, the population within the 10-mile Emergency Planning Zone has decreased since the 1990 Census; therefore, the 1994 Evacuation Time Estimate Study is still valid.

EMERGENCY MANAGEMENT PLAN FOR MATAGORDA COUNTY, BAY CITY, AND PALACIOS

ANNEX W – TAB 3 EVACUATION

PROTECTED RESPONSE ZONES AND POPULATIONS Figure 3 (Typical)

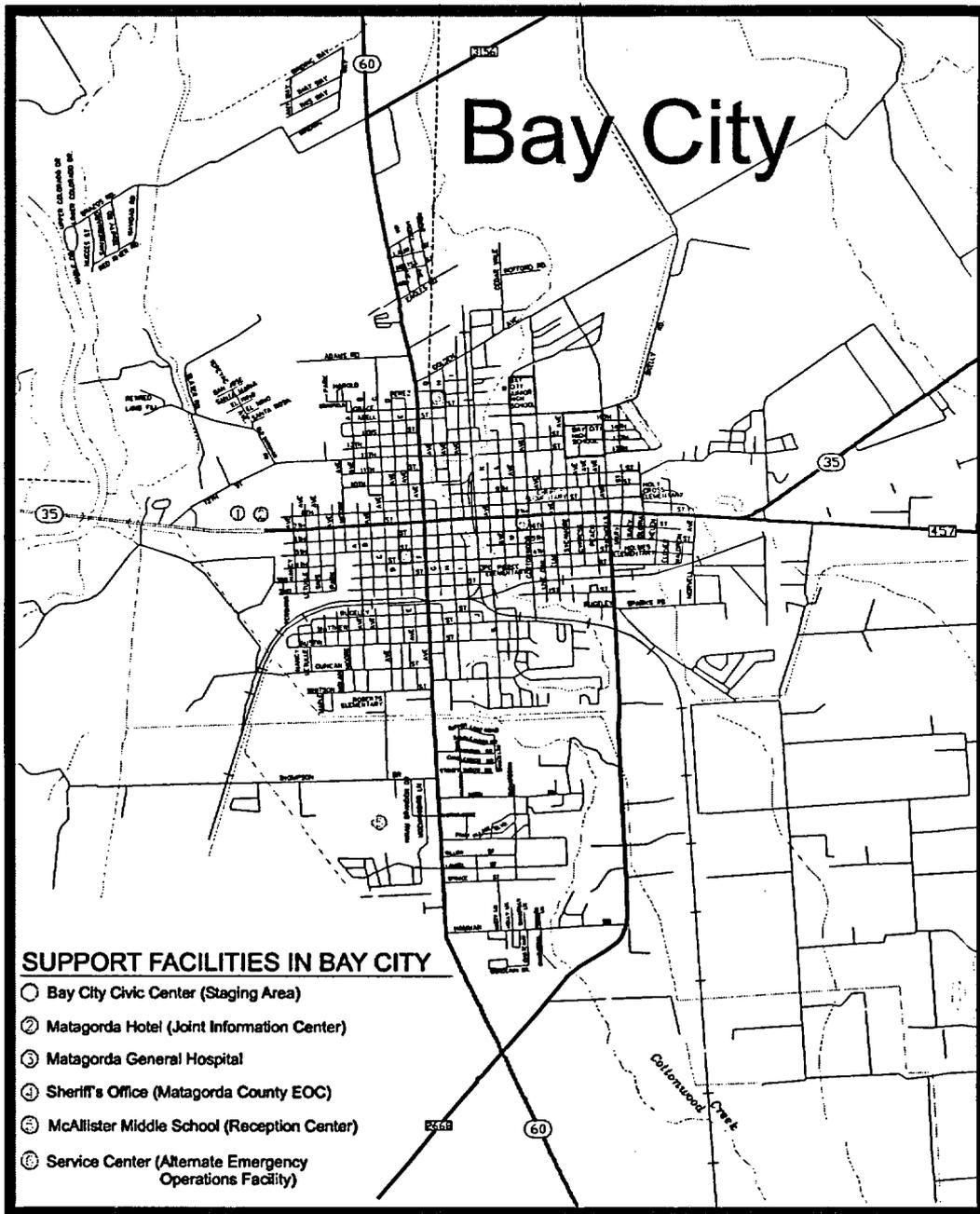


NOTE: Actual full size map is located in the appropriate Annex W procedure.

**EMERGENCY MANAGEMENT PLAN
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**ANNEX W – TAB 3
EVACUATION**

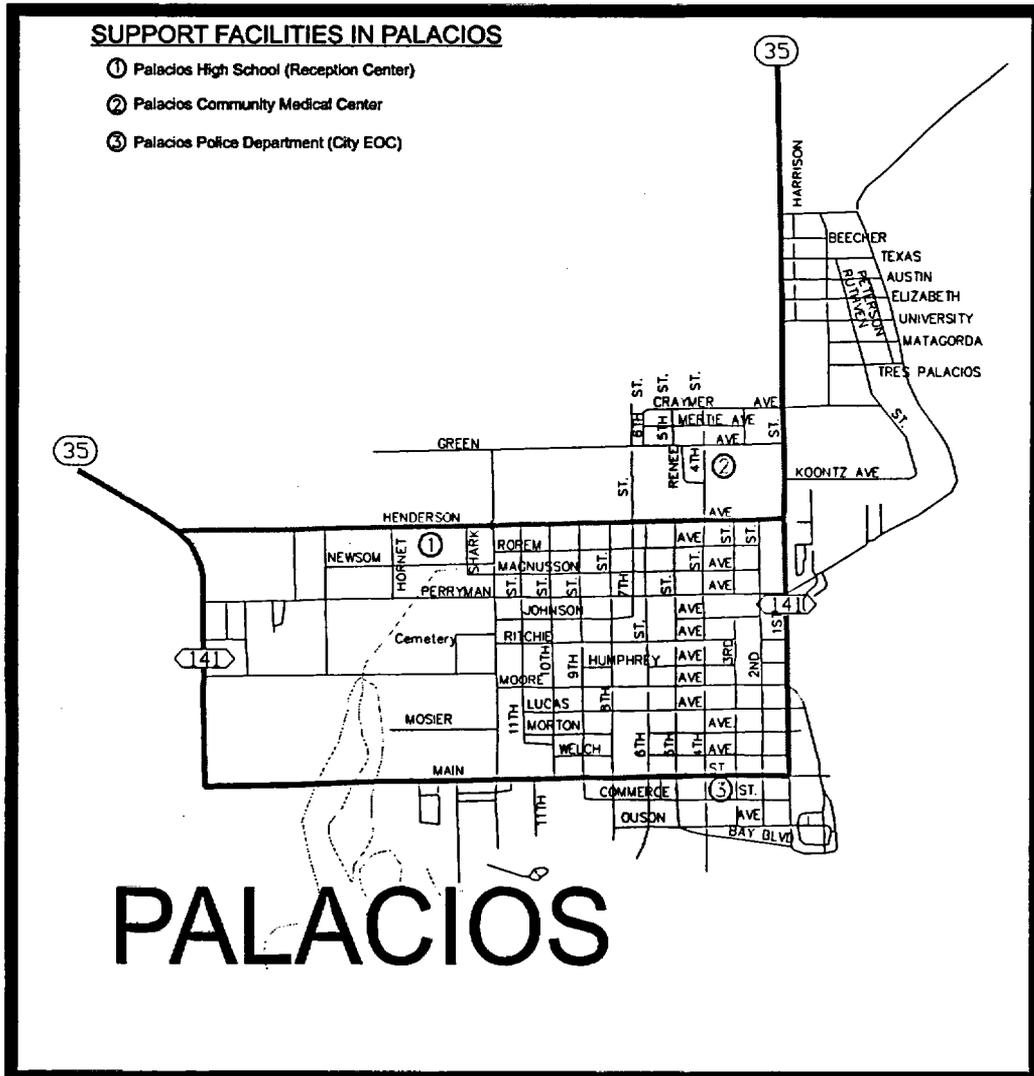
**SUPPORT FACILITIES IN BAY CITY
Figure 5**



**EMERGENCY MANAGEMENT PLAN
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MATAGORDA COUNTY, BAY CITY, AND PALACIOS**

**ANNEX W – TAB 3
EVACUATION**

**SUPPORT FACILITIES IN PALACIOS
Figure 6**



STI 31752078

EMERGENCY MANAGEMENT PLAN
FOR
MATAGORDA COUNTY, BAY CITY, AND PALACIOS
ANNEX W - TAB 4
PROTECTIVE ACTION GUIDES

**EMERGENCY MANAGEMENT PLAN
FOR
MATAGORDA COUNTY, BAY CITY, AND PALACIOS**

**ANNEX W – TAB 4
PROTECTIVE ACTION GUIDES**

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**EMERGENCY MANAGEMENT PLAN
FOR
MATAGORDA COUNTY, BAY CITY, AND PALACIOS**

**ANNEX W – TAB 4
PROTECTIVE ACTION GUIDES**

I. Purpose

This Tab to Annex W identifies the emergency protective actions and the responsibilities for implementation of the protective actions in response to an emergency at the South Texas Project Electric Generating Station (STPEGS).

This Tab is applicable to the Plume Exposure Pathway Emergency Planning Zone (EPZ) around the South Texas Project Electric Generating Station (STPEGS).

A. Situations

The transportation of radioactive materials and serving as the host County for the South Texas Project Electric Generating Station (STPEGS) Fixed Nuclear Facility makes Matagorda County susceptible to accidents involving radioactive materials.

B. Assumptions

Proper development and execution of a radiological protection program will significantly reduce the number of casualties which could otherwise result from a radiological incident.

Adequate facilities will be available to collect and disseminate the necessary information.

The organized effort through warning, detection, preventions and remedial measures will reduce the effects of radiation.

Sheltering from radioactive material releases or evacuation may be required.

II. Authority

This Tab is promulgated under the authorities identified in the Emergency Management Basic Plan for Matagorda County, Bay City, and Palacios, and those identified in Annex W to that Plan.

III. Concept of Operations

A. State Assistance

The State of Texas, Bureau of Radiation Control (BRC) has the responsibility for assessing the potential hazards to the public during a radiological emergency at the South Texas Project Electric Generating Station (STPEGS). This responsibility is identified in the State of Texas Radiological Emergency Management Plan.

**EMERGENCY MANAGEMENT PLAN
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MATAGORDA COUNTY, BAY CITY, AND PALACIOS**

**ANNEX W – TAB 4
PROTECTIVE ACTION GUIDES**

The South Texas Project Electric Generating Station (STPEGS) and the State have the responsibility for recommending protective actions for the public to the local officials. These protective actions are based upon the Environmental Protection Agency (EPA) Manual of Protective Action Guides (PAGs) and Protective Actions for Nuclear Incidents and the conditions at hand.

B. Matagorda County Actions

1. The County Judge (Emergency Management Director), or the designated alternate, shall receive recommendations from the State to protect the public during an emergency at the South Texas Project Electric Generating Station (STPEGS). These protective actions may include, but are not limited to:
 - a) Evacuation
 - b) In-place shelter
 - c) Congregate care
 - d) Respiratory protection (e.g., covering the mouth with a handkerchief)
2. The County Judge (Emergency Management Director) will determine if the recommended protective actions are appropriate to the time and situation. If the County Judge agrees with the recommended protective action, a message will be developed and transmitted to the general public over the Emergency Alert System (EAS) station(s) in Bay City. The appropriate Mayor(s) will be notified if city resources may be needed to support an evacuation. Neither of the two incorporated cities is in the Emergency Planning Zone (EPZ).

The instructions to the public provided over the EAS station will inform the public what they should do to protect themselves and their families and when to take protective actions.

3. One of the possible recommendations is to evacuate the affected area. The people instructed to evacuate will also be instructed to report to the Reception Center in Bay City or Palacios, depending on the weather and radiological conditions.

The American Red Cross (ARC) and the Matagorda County Environmental Health Department have agreed to staff and operate the Reception Center(s). In addition, the ARC will staff and operate the Congregate Care facilities, if required. The same locations for the Reception Centers and Congregate Care facilities may be used for radiological and weather related emergencies.

**EMERGENCY MANAGEMENT PLAN
FOR
MATAGORDA COUNTY, BAY CITY, AND PALACIOS**

**ANNEX W – TAB 4
PROTECTIVE ACTION GUIDES**

C. Phases of Management

1. Mitigation

Select and train an Environmental Health Director and monitoring and decontaminate staff. The Environmental Health Director or designee acts as Radiological Officer.

2. Preparedness

Educate the public about the radiological hazards and protective actions.

3. Response

Inform public about radiation hazard.

4. Recovery

Keep public informed about radiation safety. Assess further protective actions as situation warrants.

IV. Administration and Support

A. Plan Testing

The radiological protection system developed under this tab will be rehearsed biennially. Changes are to be made accordingly.

B. Maintenance of Equipment

All radiological monitoring devices provided by the Bureau of Radiation Control (BRC) are calibrated and maintained by the department.

All radiological monitoring devices provided by the STPEGS are calibrated and maintained by the utility.

C. Training

Training is provided through a combination of Federal, State (Department of Health), and local efforts.

**EMERGENCY MANAGEMENT PLAN
FOR
MATAGORDA COUNTY, BAY CITY, AND PALACIOS**

**ANNEX W – TAB 4
PROTECTIVE ACTION GUIDES**

D. Applicable Procedures

The following procedures are applicable to this Tab, Protective Action Guides, and shall be implemented in the event of a declared emergency at the South Texas Project Electric Generating Station (STPEGS).

Procedure 10,	Emergency Management Director
Procedure 11,	Emergency Management Coordinator
Procedure 14,	Protective Action Guides
Procedure 20,	Sheriff's Office Dispatcher
Procedure 21,	Communications Officer
Procedure 22,	Warning and Evacuation/Traffic and Access Control
Procedure 23,	Activation of the Public Warning System
Procedure 24,	Matagorda County Sheriff
Procedure 41,	Environmental Health Director
Procedure 60,	Public Information Officer
Procedure 61,	KMKS, Radio Operations
Procedure 62,	KZRC, Radio Operations
Procedure 63,	Emergency Alert System Messages and News Advisories
Procedure 70,	American Red Cross Director
Procedure 71,	Reception Center Operations (American Red Cross)
Procedure 72,	Reception Center Operations (Environmental Health Department)

**EMERGENCY MANAGEMENT PLAN
FOR
MATAGORDA COUNTY, BAY CITY, AND PALACIOS**

**ANNEX W – TAB 4
PROTECTIVE ACTION GUIDES**

V. Continuity of Government

The respective departments, agencies and bureaus have developed lines of succession in their policies and procedures. Those lines of succession apply to this tab when required.

VI. Revision and Update

This tab, as a part of Annex W, will be reviewed annually, and updated if necessary as the result of use, audits, and drill and exercise critiques.

STI 31752079

EMERGENCY MANAGEMENT PLAN
FOR
MATAGORDA COUNTY, BAY CITY, AND PALACIOS
ANNEX W - TAB 5
PUBLIC INFORMATION

**EMERGENCY MANAGEMENT PLAN
FOR
MATAGORDA COUNTY, BAY CITY, AND PALACIOS**

**ANNEX W – TAB 5
PUBLIC INFORMATION**

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**EMERGENCY MANAGEMENT PLAN
FOR
MATAGORDA COUNTY, BAY CITY, AND PALACIOS**

**ANNEX W – TAB 5
PUBLIC INFORMATION**

I. PURPOSE

- A. The purpose of this Tab to Annex W is to provide guidance to the Matagorda County Officials when issuing emergency information or notifications to the public.
- B. This Tab provides guidance to the Matagorda County Officials in developing a public information program to implement the guidance in NUREG 0654, Rev. 1.
- C. Situation

During periods of emergency, the public needs, and generally desires, detailed information regarding protective actions to be taken for minimizing loss of life and property. There are times, however, when emergencies occur without warning and the public information system cannot respond rapidly enough to properly inform the public about the hazard. For this reason, it is important that prior to the occurrence of an emergency, the public is made aware of potential hazards and the protective measures that should be employed.

- D. Assumption

An effective program combining both education and emergency information will significantly reduce emergency related casualties and property damage. It is recognized, however, that people are generally unconcerned about hazards until affected, despite educational programs. Thus, special emphasis must be placed on the effectiveness of the emergency information program.

II. AUTHORITY

This Tab is promulgated under the authorities identified in the Basic Plan and Annex W.

III. CONCEPT OF OPERATIONS

- A. Emergency Notifications

- 1. Emergency notifications are broadcast over the local EAS radio station(s), KMKS-FM and KZRC-FM. KMKS-FM is the primary local Emergency Alert System (EAS) station in Matagorda County. The Public Information Officer Writer and staff are responsible for drafting emergency information texts. Provisions are included for special populations, (e.g., hearing impaired).

A telephone number is provided in the public information brochure for information relating to missing persons, continued emergency services, restricted areas, etc. This telephone number will also be repeated in subsequent media releases.

Sample EAS messages are located in Procedure 63, "Emergency Alert System Messages and News Advisories" for releasing protective measures information to the public and may be used when a protective action recommendation is necessary.

**EMERGENCY MANAGEMENT PLAN
FOR
MATAGORDA COUNTY, BAY CITY, AND PALACIOS**

**ANNEX W – TAB 5
PUBLIC INFORMATION**

2. Protective actions for the public are broadcast over the EAS local radio station(s), KMKS-FM, and KZRC-FM. The protective actions are results of recommendations of the Emergency Management Director based on information from the State or the South Texas Project Electric Generating Station (STPEGS), and are issued by authority of the County Judge.

A sample script for information for the public under evacuation conditions and one that may be used anytime an evacuation is recommended is given in Procedure 63, "Emergency Alert System Messages and News Advisories."

A sample script for information for the public under in-place shelter conditions is given in Procedure 63, "Emergency Alert System Messages and News Advisories."

B. Media Release Coordination

1. The Public Information Officer (PIO), designated by the Emergency Management Director shall participate in development and presentation of media briefings at the Joint Information Center (JIC) during actual events and drills/exercises. The Public Information Officer (PIO) shall serve as spokesperson for the County and the cities of Bay City and Palacios. The Public Information Officer staff (PIO) shall coordinate information and media releases with the County and appropriate government agencies and obtain approval of written news advisories and EAS messages from the Emergency Management Director prior to release. The Public Information Officer (PIO) will be located at the Joint Information Center (JIC) upon its activation.
2. The Public Information Officer (PIO) shall be the spokesperson for the County and Incorporated Cities.
3. Copies of media information shall be distributed within the Emergency Operations Center (EOC) for information and rumor control.
4. All written information releases to the public shall be approved by the County Judge (Emergency Management Director) or the Emergency Management Coordinator.
5. Points of contact for print and broadcast media are maintained by the Emergency Management Coordinator or the Public Information Officer (PIO). These points of contact will be used for release of information to the general public during an emergency situation.

**EMERGENCY MANAGEMENT PLAN
FOR
MATAGORDA COUNTY, BAY CITY, AND PALACIOS**

**ANNEX W – TAB 5
PUBLIC INFORMATION**

C. Rumor Control

1. The Public Information Officer (PIO), or designee, shall monitor news broadcasts, periodicals, and newspapers to control and correct rumors.
2. Identified or suspected rumors shall be shared with the State, the South Texas Project Electric Generating Station (STPEGS), Federal Emergency Management Agency (FEMA), and other emergency response public information personnel in the Joint Information Center (JIC). Sharing of the suspected rumors will implement a coordinated effort to combat rumors and to correct the rumors, where appropriate.

D. Phases of Management

1. Mitigation

Conduct hazard awareness programs.
Coordinate with media.

2. Preparedness

Conduct public education programs.
Prepare emergency information for release during emergencies.

3. Response

Release public information.
Coordinate rumor control.
Schedule news conferences.

4. Recovery

Provide public information.
Compile record of events.
Assess effectiveness of information and education programs.

**EMERGENCY MANAGEMENT PLAN
FOR
MATAGORDA COUNTY, BAY CITY, AND PALACIOS**

**ANNEX W – TAB 5
PUBLIC INFORMATION**

E. Applicable Procedures

The following procedures are applicable to this Tab, Public Information, and shall be implemented in the event of a declared emergency at the South Texas Project Electric Generating Station (STPEGS).

Procedure 10, Emergency Management Director
Procedure 60, Public Information Officer
Procedure 61, KMKS, Radio Operations
Procedure 62, KZRC, Radio Operations
Procedure 63, Emergency Alert System Messages and News Advisories

IV. ADMINISTRATION AND SUPPORT

A media information program is maintained pursuant to the responsibilities described in Annex W Plan, Section V.D.

V. IMPLEMENTATION

This Tab is implemented when emergency public information or instructions are necessary, resulting from an emergency at the South Texas Project Electric Generating Station (STPEGS).

VI. REVIEW AND UPDATE

This tab, as a part of Annex W, will be reviewed annually, and updated if necessary, as the result of use, audits, and drill and exercise critiques.

STI 31752080

**EMERGENCY MANAGEMENT PLAN
FOR
MATAGORDA COUNTY, BAY CITY AND PALACIOS
ANNEX W - TAB 6
EMERGENCY RESPONSE TRAINING**

**EMERGENCY MANAGEMENT PLAN
FOR
MATAGORDA COUNTY, BAY CITY, AND PALACIOS**

**ANNEX W – TAB 6
EMERGENCY RESPONSE TRAINING**

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**ANNEX W – TAB 6
EMERGENCY RESPONSE TRAINING**

I. Purpose

This Tab to Annex W establishes an emergency response personnel training program in support of those persons responding to an emergency at the South Texas Project Electric Generating Station (STPEGS).

This training program is available to the responders and other interested parties of Matagorda County, the State, and the South Texas Project Electric Generating Station (STPEGS).

A. Situations

The need exists to qualify personnel for emergency response through a training program that includes all identifiable aspects of an emergency that may occur.

B. Assumptions

An effective training program, combining both education and a hands-on emergency drill, will enhance emergency response personnel's ability to deal with an emergency situation in an expedient and professional manner. It is recognized that the additional requirements of training of personnel often conflicts with the regularly scheduled work load placed on the emergency responders by their normal occupations. Special emphasis should be placed, therefore, on the effectiveness of the emergency response training program.

II. Authority

This Emergency Response Training Tab to Annex W is promulgated under the authorities identified in the Basic Plan and Annex W.

III. Concept of Operations

A. Training Cycle(s)

Initial training and retraining for personnel with emergency responsibilities shall be provided at least annually and at additional times as actual response, drill and exercise critiques may indicate.

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B. Updates

The training program shall be reviewed annually and as a result of audits, and as critiques of actual responses, drills and exercises dictate. The results of these reviews shall be used for upgrades or improvements to the training program as necessary to ensure the health and safety of the responders and the public.

C. Training Program

1. The responsibility for coordination of the development and presentation of the training program rests with the Emergency Management Coordinator.
2. The responsibility for ensuring the staff is trained, and applicable personnel attend the training rests with the respective Department Heads.
3. The training program shall provide for instruction and qualification, where appropriate, for personnel who provide the emergency response effort. The program shall include periodic retraining, including the scope, nature, and frequency, for the following categories:
 - a) Directors and Coordinators of the response organizations;
 - b) Police, Security, and Fire Fighting personnel;
 - c) First Aid, Rescue and Ambulance personnel;
 - d) Local support services personnel, including emergency management personnel;
 - e) Medical support personnel; and,
 - f) Personnel responsible for transmission of emergency information and instructions.

4. Training Drills

Training drills may be used as equal training for individuals participating as a player, controller, or evaluator.

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D. Drills and Exercises

1. Drills

A drill is a supervised instruction period aimed at testing, developing, and maintaining skills in a particular operation. A drill shall be supervised and evaluated by a qualified drill controller.

Drills are conducted as a part of the overall training program. Additional drills may be required to maintain the level of proficiency necessary to respond to an emergency. These drills are as follows:

a) Communications Drills - Monthly

Communications with the State and the STPEGS shall be tested monthly.

b) Communications Drills - Quarterly

Communications with Federal emergency response organizations and the State shall be tested.

c) Communications Drills - Annually

Communications between the STPEGS, the State Emergency Operations Center (EOC) and the Matagorda County EOC shall be tested.

d) Medical Emergency Drill – Annually*

A drill, which contains provisions for participation by the STPEGS, primary or alternate hospital and appropriate ambulance service, involving a simulated contaminated individual shall be conducted. This drill may be performed as a part of a biennially exercise.

e) Radiological Monitoring Drills – Annually

Plant environs and radiological monitoring drills, onsite and offsite, shall be conducted. These drills shall include collection and analysis of sample media, water, vegetation, soil, air, and provisions for communications and recordkeeping.

***Note:** Refer to REP Program Strategic Review Implementation Product Final FEMA Policy Recommended Initiative 1.2 Reduce Frequency of Evaluation.

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NOTE

The Bureau of Radiation Control (BRC) has the responsibility to monitor, collect samples, and analyze the samples. The training for the Matagorda County personnel shall contain limited monitoring techniques.

E. Exercises

Full participation exercises will be conducted at least every two years to demonstrate the effectiveness of the County emergency preparedness effort. The exercises will include mobilization of State and local personnel and resources to verify their capability to respond to an accident situation. Involvement by the support organizations will be as appropriate for the exercise objectives.

An exercise will be started between 6:00 p.m. and 4:00 a.m., once every six years.

Exercises will be conducted under various weather conditions.

Some exercises will be unannounced.

Scenarios governing the exercise will be varied each year, such that all major elements of the plans and preparedness organization are tested within a six year period. Confidentiality will be maintained on the topic of each scenario.

F. Scenarios

Drills and exercises are guided, driven, by a written scenario. The scenario is designed to allow the maximum freedom for decision making and participation. Scenarios contain, but are not limited to, the following:

1. Basic objective(s) of each drill and exercise.
2. Basic evaluation criteria based upon the objectives.
3. The dates, time period, place(s), and participating organizations.
4. The simulated events.
5. A time schedule (time line) of real and simulated initiating events.

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6. A narrative summary describing the conduct of the exercise or drill to include such things as simulated casualties, fire department(s) participation, rescue of personnel, use of protective clothing, deployment of radiological monitoring teams, and public information activities.
7. A description of the arrangements for advance materials to be provided to official observers.

G. Drill and Exercise Evaluation

A critique shall be scheduled at the conclusion of an exercise to evaluate the ability of the participating organizations to respond as specified in the plan. The critique shall be conducted as soon as practical after the exercise, and a formal evaluation should result from the critique(s).

Official observers from Federal, State, and local governments may observe, evaluate, and critique the exercises.

Improvements in the plan and procedures shall include the results of the drills and exercises, and the applicable critiques from each drill and exercise. The improvements shall be contained in an action plan to assign the responsibility to develop, coordinate, and implement the improvements. The primary responsible person for the action plan coordination and development is the Emergency Management Coordinator, or designee.

IV. Training Records

The Emergency Management Coordinator shall maintain a record of training, to include as a minimum the name, date(s), title, and training completed for each County emergency response person.

V. Implementation

This Tab to Annex W is a part of the Emergency Management Basic Plan. It is effective immediately upon issuance and shall continue in effect unless rescinded at some future date.

VI. Review and Update

This tab, as a part of Annex W, will be reviewed annually, and updated if necessary, as the result of use, audits, and drill and exercise critiques.

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EMERGENCY MANAGEMENT PLAN
FOR
MATAGORDA COUNTY, BAY CITY, AND PALACIOS
ANNEX W - TAB 7
RECEPTION CENTERS AND CONGREGATE CARE FACILITIES

**EMERGENCY MANAGEMENT PLAN
FOR
MATAGORDA COUNTY, BAY CITY, AND PALACIOS**

**ANNEX W – TAB 7
RECEPTION CENTERS AND CONGREGATE CARE FACILITIES**

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**ANNEX W – TAB 7
RECEPTION CENTERS AND CONGREGATE CARE FACILITIES**

I. Purpose

This tab to Annex W identifies the facilities as Reception Center(s) and Congregate Care Facilities, and the organization(s) which will activate and manage them.

A. Situations

Facilities may be needed in Matagorda County to house evacuees.

Congregate Care Facilities may be needed for support from the affects of hazards causing evacuations due to radiological emergencies.

B. Assumptions

Although local government has the overall responsibility, the Matagorda Chapter of the American Red Cross (ARC) and the Matagorda County Environmental Health Department will manage and coordinate Reception Center Operations. In addition, the ARC will staff and operate the Congregate Care Facilities.

The American Red Cross will oversee the registration process, crisis counseling, resource management and referral services within the Center.

The County Environmental Health Department will perform radiological monitoring and decontamination activities, if required, within the Center.

Other professional/volunteer organizations which normally respond to emergency/disaster situations will do so.

Assistance from State and Federal agencies will be available.

Facilities planned for Reception Center and Congregate Care use will be available at the time of need.

Experience has shown that under localized emergency conditions, a high percentage of evacuees will seek lodging with relatives or friends rather than go to established facilities.

Essential public and private services in reception areas will be continued during a congregate care situation. Normal activities in some schools and churches may have to be curtailed or discontinued.

If the threat of an evacuation has been discussed in the media, some spontaneous evacuation will occur prior to an implementing order. Therefore, mass care operations may have to commence early in any emergency period.

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II. Authority

This Tab to Annex W is promulgated under the authorities identified in the Basic Plan and Annex W.

III. Facilities

A. Reception Center(s)

1. The Reception Centers are jointly operated and managed by the Matagorda County Chapter of the American Red Cross and the Matagorda County Environmental Health Department. The American Red Cross has agreements with the school systems and churches to use facilities for Emergency Reception Centers and Congregate Care during emergencies.
2. Radiological monitoring and decontamination at the Reception Centers are the responsibility of the Matagorda County Environmental Health Director.
3. The Reception Centers are designated as the registering and monitoring/decontamination points when an evacuation is recommended.
4. Figure 1 is a listing of the Reception Centers.

B. Congregate Care Facilities

1. Emergency Congregate Care Facilities are operated and managed by the Matagorda County Chapter of the American Red Cross. The American Red Cross maintains agreements with the school systems and churches to use the facilities as Congregate Care Facilities.
2. Security and crowd control at the Reception Centers and Congregate Care Facilities are the responsibility of the Sheriff's Department and the respective City Police Department. The Sheriff's Department is the coordinating agency for security and crowd control.
3. The Congregate Care Facilities are equipped to house and feed evacuees. A listing of the primary Congregate Care Centers is contained in Figure 2.
4. After being processed through the Reception Center, evacuees are encouraged to seek housing with friends and relatives outside of the evacuated area.

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IV. Concept of Operations

The Matagorda County Emergency Management Coordinator has the responsibility for the planning associated with maintaining the overall Congregate Care and human services needs for the residents of Matagorda County.

A. Reception Center Activation

The Reception Centers are activated by a notification from the Matagorda County officials to the Matagorda County American Red Cross Director and the Environmental Health Director.

Reception Centers may be opened at the Site Area Emergency classification to assist the South Texas Project Electric Generating Station with monitoring, decontamination, and/or registering of evacuated, nonessential station personnel. Reception Centers for the public are normally activated at the General Emergency classification. Preparations may begin earlier if conditions warrant.

B. Reception Center Operation

1. Evacuees will be advised by the Emergency Alert System (EAS) to report to the Reception Center for registration and radiological monitoring.
2. Evacuee registration consists of, as a minimum:
 - name
 - residence address
 - residence telephone number
 - planned temporary residence during the evacuation
 - telephone number at the temporary residence
 - any medical or other special considerations

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3. If a release has occurred, the evacuees and their transportation vehicle(s) will be monitored to determine if radiological contamination has occurred. If contamination is detected, the evacuees will be instructed how to decontaminate themselves and/or their vehicle(s). Additional monitoring will be accomplished after decontamination to ensure that radiological contamination is not transported out of the area. The Bureau of Radiation Control in conjunction with the County Officials may decide to impound contaminated vehicles until after the emergency has been terminated.
4. Evacuees will be assigned to Congregate Care Facilities if they are not relocating to family, friends, or motels.
5. The Environmental Health Director, Matagorda County, is responsible for monitoring and decontamination as needed for evacuees.
6. The Bureau of Radiation Control is responsible to provide radiological technical support.

C. Congregate Care Facilities Activation and Operation

1. Congregate Care Facilities activation is the responsibility of the Matagorda County Judge (Emergency Management Director).
2. The Congregate Care Facilities are managed by the American Red Cross.
3. Congregate Care Facilities provide lodging, feeding and other mass care amenities for evacuees including special populations (e.g., handicapped, etc).
4. The Matagorda County Sheriff is responsible for maintaining law and order at Congregate Care Facilities and Reception Centers.
5. County Hospital Administrator(s) are responsible for providing medical support to Reception Center/Congregate Care Facilities staff as needed.

D. Phases of Management

1. Mitigation
 - a) Identify volunteer groups.
 - b) Develop Reception Center/Congregate Care capability.

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2. Preparedness
 - a) Identify Congregate Care Facilities (temporary lodging and emergency feeding sites) and protective shelters.
 - b) Obtain cooperation of facility owners for use as Congregate Care Facilities and protective shelters.
 - c) Train facility/shelter managers.
 - d) Maintain feeding supplies.
 - e) Coordinate training and communication procedures.
 - f) Coordinate responsibilities with other agencies and/or volunteer groups
 - g) Identify special population groups requiring special assistance during an emergency (i.e., senior citizens, handicapped) and ensure assistance is provided.
3. Response
 - a) Open and staff Reception Center/Congregate Care Facilities.
 - b) Maintain communications between facilities and the Emergency Operations Center (EOC).
 - c) Assist with registration of evacuees.
 - d) Provide information for evacuees needing additional services.
4. Recovery
 - a) Deactivate Reception Center/Congregate Care facilities as necessary.
 - b) Inform public of extended care availability.
 - c) Coordinate post emergency planning needs.

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E. Applicable Procedure

The following procedure are applicable to Reception Centers and Congregate Care Facilities, and shall be implemented, as required, in the event of a declared emergency at the STPEGS.

Procedure 10, Emergency Management Director

Procedure 11, Emergency Management Coordinator

Procedure 24, Matagorda County Sheriff

Procedure 41, Environmental Health Director

Procedure 70, American Red Cross Director

Procedure 71, Reception Center Operations (American Red Cross)

Procedure 72, Reception Center Operations (Environmental Health Department)

V. Implementation

This Tab is implemented when evacuation is recommended by Matagorda County officials and at other times when requested by Matagorda County officials. The Matagorda County Judge (Emergency Management Director) has the primary responsibility to request Reception Center and Congregate Care Facility activation.

VI. Administration and Support

A. Records

The American Red Cross will maintain records of all expenses incurred by their mass care activities. The Emergency Management Director will ensure that adequate records of local government expenses are maintained.

B. Training

The Emergency Management Coordinator will ensure that Reception Center and Congregate Care Facility Manager and other appropriate training is made available to officials and volunteers who would participate in mass care activity. Training programs in Reception Center and Congregate Care Facility Systems and Management are available through the Governor's Division of Emergency Management (DEM). The American Red Cross offers training in Reception Center and Congregate Care Facility Management and Disaster Welfare Inquiry Operations. The Matagorda County Environmental Health Department offers training on the proper techniques to monitor vehicles/individuals and on evacuee decontamination operations.

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C. Inquiries

The American Red Cross will establish a Disaster Welfare Inquiry Operation to answer requests from relatives and friends concerning the safety and welfare of evacuees. Welfare inquiry listings, along with registration listings, will be coordinated with the Emergency Operations Center (EOC) and Law Enforcement agencies for comparison with missing persons lists.

D. Support

1. The status of the Reception Centers and Congregate Care Facilities will be determined by coordination with the EOC.
2. Use of public school and church facilities will be a prime consideration for use as emergency Congregate Care Facilities. Utilization of these will be coordinated with appropriate facility officials.

E. Communications

1. The primary communications link between the Reception Center and Congregate Care Facility and the Emergency Operations Center (EOC) will be telephone. If telephones cannot be used or are overloaded, Law Enforcement personnel or Ham Operators will provide radio assistance.
2. Congregate Care Facility managers should arrange for persons in their facility to monitor prescribed communication sources for guidance and announcements.

VII. Continuity of Government

Lines of succession are established in the Basic Plan and departmental policies. Those lines of succession apply to this Tab.

VIII. Review and Update

This tab, as a part of Annex W, will be reviewed annually, and updated if necessary, as the result of use, audits, and drill and exercise critiques.

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Figure 1
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LIST OF RECEPTION CENTERS

PRIMARY RECEPTION CENTER	-	McAllister Middle School Brandon Drive Bay City, Texas
ALTERNATE RECEPTION CENTER	-	Palacios High School Field House Shark Drive Palacios, Texas

NOTE: Reception Center telephone/facsimile numbers are maintained in the Emergency Communications Directory.

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Figure 2
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LIST OF CONGREGATE CARE FACILITIES

Matagorda County American Red Cross Shelters

(Example list)

BAY CITY, TEXAS

1. Bay City ISD
520 7th Street
2. St. Mark's Episcopal Church
2200 Ave. E.
4. Holy Cross School
2001 Katy
5. Bay City Service Center
Ave. M and Hwy 35

BLESSING, TEXAS

1. Blessing Elementary (Tidehaven ISD)
Hwy 35 and Junction 616
2. American Legion, Cecil Lee Post 649
FM 616 to Railroad Ave.
3. Blessing Community Bldg.
Hwy 616

MARKHAM, TEXAS

1. Markham Elementary (Tidehaven ISD)
6th and K
2. Markham Community Bldg.
one block off FM 1468

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Figure 2
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LIST OF CONGREGATE CARE FACILITIES

Matagorda County American Red Cross Shelters

(Example list)

MATAGORDA, TEXAS

1. Matagorda (ISD)
717 Wightman

PLEDGER, TEXAS

1. Pledger Community Bldg.

PALACIOS AND COLLEGEPORT, TEXAS

1. Palacios High School
HWY 35 & Hornet Drive
2. Christian Life Center
Welch & 2nd St.

SARGENT, TEXAS

1. VFW Hall
FM 457

VAN VLECK, TEXAS

1. Van Vleck ISD
4th and I

The American Red Cross maintains the letter of agreements, facility certifications, and telephone numbers on file at the American Red Cross Offices.

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ANNEX W - TAB 8
TRANSPORTATION

**EMERGENCY MANAGEMENT PLAN
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TRANSPORTATION**

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**ANNEX W – TAB 8
TRANSPORTATION**

I. Purpose

The purpose of this Tab to Annex W is to identify the resources and their uses for transportation during an emergency at the South Texas Project Electric Generating Station (STPEGS).

A. Situations

It may be necessary to rapidly evacuate persons from the hazard area who do not have transportation.

The STPEGS may require assistance in evacuating site personnel if radiological conditions prevent access to private vehicles.

B. Assumptions

The primary transportation mode for most evacuating persons will be by private vehicles; however, transportation must be provided for some persons.

When the need arises, both public and privately-owned local transportation resources will be made available for the duration of the emergency.

II. Authority

This Tab is promulgated under the authorities identified in the Basic Plan and Annex W.

III. Concept of Operations

A. Schools

The Matagorda Elementary School and the Tidehaven Junior and High Schools are within the Plume Exposure Pathway Emergency Planning Zone (EPZ) of the South Texas Project Electric Generating Station (STPEGS). When schools are in session and an emergency is classified, the respective school's superintendent will be notified by the Transportation Officer.

The following actions will be taken by the school districts at Alert or higher level classification:

1. **Early Dismissal** – At an Alert level, children will be dismissed early from schools located inside the 10 mile radius of the plant. Early dismissal means that parents should pick up their children at their regular school.

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2. School Evacuation – Site Area Emergency, or General Emergency level, schools will be evacuated. The children will be taken to one of the following host schools:
 - Matagorda Elementary students will be taken to Linnie Roberts Elementary School in Bay City.
 - Tidehaven Junior High and High School students will be taken to their respective elementary schools in Blessing or Markham.
3. If school evacuation occurs, parents will be notified through Emergency Alert System Broadcasts (EAS). Children will remain under adult supervision at the host school until picked up by a parent.
4. If personal monitoring and/or decontamination of students is required, children will be taken to a Reception Center for monitoring and decontamination, then to the host school.
5. The Emergency Operations Center (EOC) may direct that schools are evacuated to other areas based on weather conditions.
6. Transportation resources from the Bay City, Matagorda, Palacios, Tidehaven and Van Vleck Independent School Districts (ISD) are available upon request from the affected school superintendent.

B. Residents and Transients

1. Residents and transient populations will be instructed to evacuate by car. The evacuation routes will be announced over the Emergency Alert System (EAS) as part of the notice to evacuate.

These people will be requested to go to the Reception Center in either Bay City or Palacios depending on the emergency conditions.

2. Those residents who do not have transportation are identified annually by the American Red Cross. A list is maintained by the American Red Cross Staff.

The American Red Cross will contact the individuals to determine their transportation requirements.

The Transportation Officer will arrange transportation for these people.

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C. Vehicle Decontamination

If a radioactive release has occurred, each vehicle arriving at the Reception Center(s) will be monitored for radiological contamination by the Matagorda County Environmental Health Director's designee. Those vehicles found to be contaminated may be decontaminated before leaving the Reception Center area. The Bureau of Radiation Control in conjunction with the County Officials may decide to impound contaminated vehicles until the emergency situation is terminated.

D. Phases of Management

1. Mitigation

Develop and maintain a current transportation resource list. Identify possible transportation needs which could result from various disasters.

2. Preparedness

Review plans for transporting persons lacking personal transportation.

Coordinate with schools, churches, and private industry on use of their assets for emergencies.

Coordinate with law enforcement on evacuation routes and assembly areas for picking up persons needing public transportation.

3. Response

Procure transportation as needed.

Respond to and coordinate all transportation requests.

Maintain records on use of private vehicles.

4. Recovery

Transport supplies and personnel as needed.

Revise plans as required.

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TRANSPORTATION**

E. Applicable Procedures

The following procedures are applicable to this Tab, Transportation, and shall be implemented in the event of a declared emergency at the STPEGS.

Procedure 10, Emergency Management Director
Procedure 11, Emergency Management Coordinator
Procedure 50, Transportation Officer
Procedure 70, American Red Cross Director

IV. Direction and Control

The Emergency Management Director and/or Emergency Management Coordinator will provide overall direction and control to the Transportation Officer who will be responsible for coordinating all transportation resources, both locally-owned and those provided through outside assistance.

V. Administration and Support

A. Communications

The Transportation Officer will use all available EOC communications networks to coordinate transportation requests.

B. Report and Records

Records will be maintained on the use of all privately-owned equipment, to include the date equipment was acquired, whether or not operating personnel were furnished with the equipment, the date equipment/personnel were returned to the owner and remarks on any damage or repair to the vehicle that occurred. These records will be used to determine possible reimbursement to the owner and will be kept until a final decision is made by the County Judge concerning the disposition of claims.

C. Support

Appropriate mutual aid agreements will be invoked as required. Implementation of agreements will be coordinated through the Emergency Operations Center (EOC). Requests for State or Federal assistance will be made to the Department of Public Safety (DPS), District Disaster Sub 2C, Pierce, Texas. All requests will be made by the County Judge (Emergency Management Director) or by other authorized officials.

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TRANSPORTATION**

VI. Continuity of Government

Lines of succession are established in the Basic Plan and Departmental policies. Those lines of succession apply to this Tab.

VII. Implementation

This Tab is implemented when transportation is necessary to support an evacuation.

VIII. Review and Update

This tab, as a part of Annex W, will be reviewed annually, and updated if necessary, as the result of use, audits, and drill and exercise critiques.

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ANNEX W - TAB 9
EMERGENCY OPERATIONS CENTER

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**ANNEX W – TAB 9
EMERGENCY OPERATIONS CENTER**

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**ANNEX W – TAB 9
EMERGENCY OPERATIONS CENTER**

I. Purpose

The purpose of this Tab is to provide a description of the process and procedures to be used by the Emergency Operations Center (EOC) staff during emergency operations.

II. Authority

This Tab is promulgated under the authorities identified in the Basic Plan and Annex W.

III. Situation and Assumptions

A. Situation

In order to provide the most effective response to an emergency, all efforts should be coordinated through a central location. The Matagorda County Emergency Operations Center (EOC) has been designated as the base for all emergency management activities.

B. Assumptions

The response activities presented are applicable to all emergency situations related to the South Texas Project Electric Generating Station (STPEGS) and will provide adequate direction for proper emergency management.

IV. Concept of Operations

A. General

The Emergency Operations Center (EOC) is the key to successful response operations. With decision-makers together at one location, manpower and resources can be utilized more effectively. Coordination of activities will ensure that all tasks are accomplished with little duplication of effort.

B. Phases of Management

1. Mitigation

- a) Develop the Emergency Operations Center (EOC).
- b) Provide adequate communications capabilities.

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2. Preparedness
 - a) Instruct officials on Emergency Operations Center (EOC) operations.
 - b) Stock adequate food and water supplies.
 - c) Stock adequate administrative supplies.
 - d) Maintain a constant schedule of testing, maintenance, and repair of equipment to ensure an advanced state of readiness.
 3. Response
 - a) Activate the Emergency Operations Center (EOC) as necessary in accordance with Procedure 13, "Emergency Operations Center Concept of Operations and Activation."
 - b) Initiate response activity.
 - c) Coordinate all operations through the Emergency Operations Center (EOC).
 4. Recovery
 - a) Continue response operations as needed.
 - b) Begin recovery activities.
 - c) Release unnecessary personnel and begin to deactivate the Emergency Operations Center (EOC).
- C. Execution
1. The Emergency Management Director will assume responsibility for all emergency operations/actions and will provide overall direction and control.
 2. The Emergency Operations Center (EOC) will be activated upon direction of the Emergency Management Director or designated alternate. The Emergency Management Coordinator is responsible for preparing the Emergency Operations Center (EOC) for activation.
 3. The Emergency Management Director will determine the level of staffing required, based upon the situation, and will direct the Communications Officer or Sheriff's Office Dispatcher to alert the appropriate personnel, agencies, and organizations.

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4. The Emergency Management Coordinator will serve as senior Emergency Operations Center (EOC) operations supervisor during its activation.
5. Emergency operations will be conducted by government forces, augmented as required by trained auxiliaries, volunteer groups, and forces supplied through mutual aid agreements. State and/or Federal support will be requested if the emergency situation so dictates.
6. Communications equipment in the Emergency Operations Center (EOC) will be used to receive information, disseminate instructions, and coordinate emergency operations.
7. The Emergency Management Director may send a representative to the South Texas Project Electric Generating Station (STPEGS) Emergency Operations Facility (EOF) in addition to the activation of the Emergency Operations Center (EOC). The representative will maintain close contact and coordination with the Emergency Operations Center (EOC).
8. Heads of agencies, departments, and organizations are responsible for emergency functions assigned to their activity as outlined in the Emergency Management Plan.
9. The Emergency Operations Center (EOC) will operate on a 24-hour basis during the emergency and the staff may be required to work 12-hour shifts.
10. The Emergency Management Coordinator will notify the State Disaster District upon activation of the Emergency Operations Center (EOC) due to an emergency at the South Texas Project Electric Generating Station (STPEGS).

V. Organization and Assignment of Responsibilities

The broad responsibilities of each Emergency Operations Center (EOC) assignee are outlined in the individual emergency response position procedures and position manuals.

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VI. Direction and Control

During emergency operations, the Emergency Operations Center (EOC) staff is organized into four groups as shown below. The Emergency Management Coordinator will ensure the operational effectiveness of the Emergency Operations Center (EOC).

A. Direction and Control Group

This group consists of the Emergency Management Director, Emergency Management Coordinator, Mayors of Bay City and Palacios, the County Commissioners and the Matagorda County Sheriff. This group is responsible for all major decisions and the operation as a whole.

B. Operations Group

The Operations Group including the Communications Officer, Transportation Officer, American Red Cross Director, Environmental Health Director, Fire Services Director, Hospital District Administrator, and their field personnel, and are responsible for conducting response activities.

C. Administrative Group

The Administrative Group includes all Emergency Operations Center (EOC) support staff such as administrative assistance, security services, legal services, etc.

D. Support Group

The Support Group includes the State Coordinating Officer, Radiological Assessment Advisor, Utility Liaison, Federal Emergency Management Agency (FEMA), DPS, Pierce Liaison, Division of Emergency Management, Coast Guard, etc.

E. Public Information Group

The Public Information Group is responsible for the collection, development, and dissemination of emergency information to the general public and the media. The Public Information Group is made up of Public Information Officers, Public Information Writers, Public Information Staff, Rumor Control, etc.

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VII. Continuity of Government

During most large scale emergencies, the Emergency Operations Center (EOC) will become the center for all local government control. It will be from here that all major emergency-related decisions will be made.

Lines of succession for personnel have been established and are presented in the Basic Plan.

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VIII. Administration and Support

A. Emergency Operations Centers

1. Primary Emergency Operations Center (EOC)

a) Location

The Matagorda County Emergency Operations Center (EOC) is located in the Sheriff's Office in Bay City, Texas.

b) Facilities

- 1) The Emergency Operations Center (EOC) consists of a working area of 1000 square feet, plus offices, communications room, kitchen, dining area, bunking, and shower facilities.**
- 2) All communications equipment necessary for conducting emergency operations is located at the Sheriff's Office (See Annex W - Tab 2, Communication).**
- 3) Emergency generator and a supply of fuel.**
- 4) Sufficient food and water for the designated Emergency Operations Center (EOC) staff to remain in the Emergency Operations Center (EOC).**

2. Alternate Emergency Operations Center (EOC)

Should the primary Emergency Operations Center (EOC) become unusable, emergency operations will continue at the County Courthouse, possibly with a reduced staff.

3. On-scene Command Post

Should the need arise, a County representative designated by the Emergency Management Director may be dispatched to the South Texas Project Electric Generating Station (STPEGS) Emergency Operations Facility (EOF) to coordinate activities with the Federal and Utility response personnel.

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B. Reports and Records

The use of reports will vary according to the type of emergency being handled.

1. Messages

All requests for assistance and all general messages will be handled using the County emergency response procedures.

2. Operational Situation Report

These reports are to be compiled daily and forwarded to the Department of Public Safety (DPS), the Disaster District, Pierce, Texas, in order to keep officials informed of the current status of operations.

3. Activity Log

A record of major events during Emergency Operations Center (EOC) operations will be compiled by a member of the administrative staff under the direction of the Emergency Management Coordinator.

C. Security

All persons entering the Emergency Operations Center (EOC) will be required to check in at the Security Desk located at the Emergency Operations Center (EOC) entrance. They will be issued a pass to be worn while in the Emergency Operations Center (EOC) and to be returned when leaving the premises.

D. Media

Media personnel will be provided telephones at the Joint Information Center (JIC). Scheduled news conferences will be held at regular intervals.

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E. Applicable Procedures

The following procedures are applicable to this Tab, Emergency Operation Center, and shall be implemented in the event of a declared emergency at the South Texas Project Electric Generating Station (STPEGS).

Procedure 10,	Emergency Management Director
Procedure 11,	Emergency Management Coordinator
Procedure 12,	EOC Administrative Assistant
Procedure 13,	Emergency Operations Center Concept of Operation and Activation

IX. Implementation

This Tab is implemented when the Emergency Operations Center (EOC) is necessary to support an emergency declared at the South Texas Project Electric Generating Station (STPEGS).

X. Review and Update

This tab, as a part of Annex W, will be reviewed annually, and updated if necessary, as the result of use, audits, and drill and exercise critiques.

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SECTION II

A.1.a

**Basic Plan Section V
Annex W Section III
Annex W Section V**

A.1.b

**Basic Plan Section IV
Basic Plan Section V
Annex W Section IV
Annex W Section V
Annex W Tab 1 Section IV
Annex W Tab 2 Section IV
Annex W Tab 3 Section III
Annex W Tab 4 Section III
Annex W Tab 5 Section III
Annex W Tab 6 Section III
Annex W Tab 7 Section IV
Annex W Tab 8 Section III
Annex W Tab 9 Section IV**

A.1.c

Basic Plan Attachments 11, 12, 13, 14, 15, and 16

A.1.d

**Basic Plan Section IV.A and B
Basic Plan Section V.A
Annex W Section V**

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SECTION II

A.1.e

Basic Plan Section V
Basic Plan Section V.B.2.a
Annex W Section IV
Annex W Section V
Annex W Tab 2 Section I.A

A.2.a

Basic Plan Section V
Basic Plan Attachments 12, 14, 16
Annex W Section V

A.2.b

Basic Plan Section I

A.3

Basic Plan Attachment 3
Basic Plan Attachment 4
Basic Plan Attachment 5
Basic Plan Attachment 6
Basic Plan Attachment 7
Basic Plan Attachment 8
Basic Plan Attachment 9
Basic Plan Attachment 11
Basic Plan Attachment 12
Basic Plan Attachment 14
Basic Plan Attachment 15
Basic Plan Attachment 16
Basic Plan Attachment 17
Basic Plan Attachment 18

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SECTION II

A.4	Basic Plan Section IV.D Basic Plan Section V Annex W Section IV Annex W Tab 2 Section I
B.	N/A
C.1.a	N/A
C.1.b	N/A
C.1.c	Basic Plan Section III.A Annex W Tab 2 Section III
C.2.a	Annex W Tab 9 Section VIII.A.3
C.2.b	N/A
C.3	N/A

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SECTION II

C.4	Basic Plan Section VIII provides for use of County resources Basic Plan Section V Basic Plan Attachment 22
D.1	N/A
D.2	N/A
D.3	Annex W Section VI
D.4	Basic Plan Section V.B (Each Department is tasked to develop procedures) Annex W IX.I Annex W REP Procedures

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SECTION II

E.1	Basic Plan Section VI Annex W Section V.B Annex W Tab 1 Section IV
E.2	Annex W Tab 1 Section IV Annex W REP Procedures
E.3	N/A
E.4	N/A
E.5	Annex W Section V.C Annex W Tab 1 Section IV.E Annex W Tab 5 All
E.6	Basic Plan Section V.B.2 Annex W Section V.C Annex W Tab 1 Section III
E.7	Basic Plan Section V.B.9 Annex W Section V.D Annex W Tab 5 All Annex W REP Procedures (63)

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SECTION II

F.1.a	Basic Plan Section V.B Annex W Section V.B Annex W Section V.C.1 Annex W Tab 1 Section IV.E and F Annex W Tab 2 Section I and II
F.1.b	Annex W Tab 2 Section IV
F.1.c	Annex W Tab 2 Section IV Deferred to State, the county does not contact Federal Agencies directly
F.1.d	Basic Plan Section V.B.2 Annex W Section V.B Annex W Tab 2 Section IV.A and D
F.1.e	Basic Plan Section V.B.2 Basic Plan Section VI Annex W Tab 2 Section IV
F.1.f	N/A
F.2	Basic Plan Section V.B.2 Annex W Section V.B Annex W Tab 2 Section IV.G

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SECTION II

F.3	Annex W Section V.B.4 Annex W Tab 2 Sections IV.I and J
G.1	Basic Plan Section V.B.9 Annex W Section V.D
G.2	Basic Plan Section V.B.9 Annex W Section V.D
G.3.a	Basic Plan Section V.B.9 Annex W Section V.D Annex W Tab 5 Section III.B
G.3.b	N/A
G.4.a	Basic Plan Section V.B.9 Annex W Section V.D Annex W Tab 5 Sections III.B
G.4.b	Basic Plan Section V.B.9 Annex W Section V.D

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G.4.c	Basic Plan Section V.B.9 Annex W Section V.D Annex W Tab 5 Section III.C
G.5	Annex W Section V.D
H.1	N/A
H.2	N/A
H.3	Basic Plan Section IV.C Annex W Section III.11 Annex W Section IV.B Annex W Tab 9 All
H.4	Basic Plan Section IV.C Annex W Section VI Annex W Tab I Section IV
H.5	N/A
H.6	N/A
H.7	Annex W Section V.E (Field monitoring deferred to State)
H.8	N/A
H.9	N/A

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SECTION II

H.10	Basic Plan Section V.B.4 Annex W Section V.M Annex W Section V.M Figure 3 Annex W Tab 4 Section IV.B
H.11	Annex W Section V.M Figure 3 Annex W, REP Procedures
H.12	Annex W Section V.E (Deferred to State)
I.1	N/A
I.2	N/A
I.3	N/A
I.4	N/A
I.5	N/A
I.6	N/A
I.7	Annex W Section V.E (Deferred to State)
I.8	Annex W Section V.E (Deferred to State)
I.9	N/A

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SECTION II

I.10	N/A
I.11	N/A
J.1	N/A
J.2	Basic Plan Section V.B.7 (Evacuation of onsite personnel is the responsibility of STPEGS) Annex W Section V.A Annex W Section V.I Annex W Section V.K Annex W Tab 3 Section III.B.3 Annex W Tab 8 Section III.C
J.3	N/A
J.4	N/A
J.5	N/A
J.6	N/A
J.7	N/A
J.8	N/A

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SECTION II

J.9	Annex W Section V.A Annex W Section V.D Annex W Section V.E Annex W Section V.L Annex W Section V.U Annex W Tab 4 All
J.10.a	Annex W Figure 1 Annex W Section V.E Annex W Tab 3 Figures 1, 2, and 3
J.10.b	Annex W Tab 3 Figure 3
J.10.c	Annex W Tab 1 Section III Annex W Tab 1 Figure 1
J.10.d	Annex W Section V.D.13 Annex W Tab 7 Section IV.C and D Annex W Tab 8 Section III.B
J.10.e	Annex W Section V.M.2 (Deferred to State)

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J.10.f	Annex W Section V.M.2 (Deferred to State)
J.10.g	Annex W Section V.K Annex W Tab 8 Section III Annex W Tab 3 Figures 5 and 6
J.10.h	Annex W Tab 7 Figures 1 and 2
J.10.i	Annex W Tab 3 Section III.C Annex W Tab 3 Section III.F
J.10.j	Basic Plan Section V.B.7 Annex W Section V.I Annex W Tab 3 Section III.C
J.10.k	Annex W Tab 3 III.C.6
J.10.l	Annex W Tab 3 Section III.C Annex W Tab 3 Section III.F Annex W Tab 3 Figure 2
J.10.m	N/A
J.11	N/A
J.12	Annex W Tab 3 Section III.D and III.E Annex W Tab 7 Section IV.B
K.1	N/A
K.2	N/A

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K.3.a	Annex W Section V.M (Deferred to State)
K.3.b	Annex W Section V.M (Deferred to State)
K.4	Annex W Section V.A.9 Annex W Section V.M
K.5.a	Annex W Tab 3 Section III.B and III.E
K.5.b	Annex W Section V.J Annex W Section V.M Annex W Tab 3 Section III.D Annex W Tab 7 Section IV.B.3
K.6	N/A
K.7	N/A
L.1	Basic Plan Section V.B.8 Annex W Section V.J
L.2	N/A
L.3	N/A
L.4	Annex W Section V.J.9

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SECTION II

M.1	Basic Plan Section VI.C.5 Annex W Section VI.E
M.2	N/A
M.3	N/A
M.4	N/A
N.1.a	Basic Plan Section V.A.2.g Annex W Tab 6 Section III
N.1.b	Annex W Tab 6 Section III
N.2.a	Annex W Tab 6 Section III
N.2.b	N/A
N.2.c	Annex W Tab 6 Section III
N.2.d	Annex W Tab 6 Section III
N.2.e	N/A
N.3.a	Annex W Tab 6 Section III
N.3.b	Annex W Tab 6 Section III
N.3.c	Annex W Tab 6 Section III

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N.3.d	Annex W Tab 6 Section III
N.3.e	Annex W Tab 6 Section III
N.3.f	Annex W Tab 6 Section III
N.4	Annex W Tab 6 Section III
N.5	Annex W Tab 6 Section III
O.1	Basic Plan Section V.A.2.g Annex W Section IV.A.5 Annex W Section V.D.10 Annex W Section V.H.7 Annex W Section V.J.7 Annex W Tab 6 Section III
O.1.a	N/A
O.1.b	Basic Plan Section V.A.2.g Annex W Tab 6 Section III
O.2	N/A
O.3	N/A

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O.4.a	Annex W Tab 6 Section III.C.3.a
O.4.b	Annex W Section V.E (Deferred to State)
O.4.c	Annex W Section V.E (Deferred to State)
O.4.d	Annex W Tab 6 Section III.C.3.b
O.4.e	N/A
O.4.f	Annex W Tab 6 Section III.C.3.c
O.4.g	Annex W Tab 6 Section III.C.3.d
O.4.h	Annex W Tab 6 Section III.C.3.e
O.4.i	N/A
O.4.j	Annex W Tab 6 Section III.C.3.f
O.5	Annex W Tab 6 Section III.A
P.1	Annex W Section V.A.8
P.2	Basic Plan Section V.A.1 Annex W Section IV.A.1
P.3	Basic Plan Section V.A.2

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P.4	Basic Plan Section XI. Annex W Tabs 1-9
P.5	Basic Plan Section V.A.2.e
P.6	Basic Plan Section I
P.7	Annex W Tab 11
P.8	Basic Plan Table of Contents Annex W Tab 10
P.9	N/A
P.10	Annex W Tab 1 Section IV.F

Note: The basic style of this plan is that the general provisions are in the Basic Plan and the specifics, by topic, are in the respective Annexes and/or Attachments and Tabs.

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ANNEX W - TAB 11
PROCEDURES CROSS REFERENCE

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PROCEDURES CROSS REFERENCE**

Annex W Procedure

Basic Plan and Annex W

Section I: Direction and Control

Procedure 10, Emergency
Management Director

Basic Plan Sections:
IV.A, B, C.2; V.A.1, B.5, B.10, B.13, B.14;
VIC.2.d, C.2.e, C.3.d, C.3.e, and C.4

Annex W Sections:
IV.A.1, A.3, A.4, B.2; V.A, D.7, D.9, E, G, N, O;
VI.A.2, B. 2, C.2, D.2, E.2.b, E.2.c; VII.A; VIII.A,
B, D, G; IX.F.2.b, G.1.b, and G.2

Annex W Tabs:
1, 2, 3, 4, 5, 7, 8, and 9

Procedure 11, Emergency
Management Coordinator

Basic Plan Sections:
IV.B, C.2; V.A.2, B.5, B.14, B.20; VIC.1.f.2,
C.2.d, C.2.e, C.2.f.20, C.3.d, C.3.e, C.3.f.1; and X

Annex W Sections:
IV.B.2; V.A, B, C, K.4; VI. A.2, B.2; VIII.F.1, F.2;
IX.F.2.b, and G.2.c

Annex W. Tabs:
1, 2, 3, 4, 6, 7, 8, and 9

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<u>Annex W Procedure</u>	<u>Basic Plan and Annex W</u>
Procedure 12, EOC Administrative Assistant	Basic Plan Sections: None Annex W Sections: None
Procedure 13, Emergency Operations Center Concept of Operation and Activation	Basic Plan Sections: IV.B, C; V.A.2.b, A.2.h, A.2.k, A.2.m, A.2.n, B.14; VIC.1.f.3, C.1.f.12, C.2.f.8, C.3.f.2, C.3.f.7, and C.3.f.9 Annex W Sections: III.A.11; IV.B; VIII.B; IX.A.1, B.2, E.1, E.3, F.1.a, F.2.a, F.3, G.1.a; and Figure 4 Annex W Tabs: 2, 5, 6, 7, 8, and 9
Procedure 14, Protective Action Guides	Basic Plan Sections: V.A.1.c, and B.20 Annex W Sections: III.B.4; IV.A.9; V.A.6, A.7, D.1.c, D.9; VIC.2, D.2, E.1, and E.2.a Annex W Tabs: 3, 4, and 5

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Annex W Procedure

Basic Plan and Annex W

Section II: Law Enforcement and Traffic Control

Procedure 20, Sheriff's Office Dispatcher

Basic Plan Sections:

V.B.1.a, B.1.b, B.7.k; VI.C.1.f.2, C.2.f.2, C.2.f.5,
C.2.f.7, and C.3.f.1

Annex W Sections:

Figure 2 A.3.b; V.B.1, B.2, B.5, C.1, C.2; VI.A.2,
B.2, C.2, D.2; and IX.B.2

Annex W Tabs:

1, 2, 3, and 4,

Procedure 21, Communications Officer

Basic Plan Sections:

V.B.1.a, B.1.b, B.2, B.7.c, B.7.k, B.18.c;
VI.C.1.f.2, C.2.f.2, C.2.f.5, C.2.f.7, C.3.f.1, C.3.f.3,
and C.3.f.5

Annex W Sections:

Figure 2 A.3.b, A.3.e, A.3.f, A.3.g; V.B, C, I;
VI.A.2, B.2, C.2, D.2; VII.B; and IX.B.2

Annex W Tabs:

**EMERGENCY MANAGEMENT PLAN
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**ANNEX W – TAB 11
PROCEDURES CROSS REFERENCE**

Annex W Procedure

Basic Plan and Annex W

1, 2, 3, and 4

**Procedure 22, Warning and Evacuation/Traffic
and Access Control**

Basic Plan Sections:

**V.B.5; VI.C.2.f.6, C.2.f.7, C.2.f.10; C.3.f.4, and
C.3.f.5**

Annex W Sections:

**Figure 2 A.2 and 3; V.A.10, A.11, C, I, O; VIII.B;
and IX.B**

Annex W Tabs:

1, 3, and 4

**Procedure 23, Activation of the Public Warning
System**

Basic Plan Sections:

V.B.1; VI.C.2.f.7, and C.3.f.6

Annex W Sections:

Figure 2 A.3.b; V.C.2, C.4, C.5, and C.6

Annex W Tabs:

1 and 4

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**ANNEX W – TAB 11
PROCEDURES CROSS REFERENCE**

Annex W Procedure

Basic Plan and Annex W

Section III: Fire and Rescuer

Procedure 30, Fire Services Coordinator

Basic Plan Sections:

V.B.6, B.16, B.17; and VI.C.3.f.4

Annex W Sections:

III.A.14, B.15; Figure 2 I; V.H; and VIII.A

Annex W Tabs:

1, 2, and 3

Section IV: Health and Medical Services

Procedure 40, Hospital District Administrator

Basic Plan Sections:

V.B.8.a, b.8.c; and VI.C.3.f.4

Annex W Sections:

III.A.6.b; Figure 2 B; V.F, J; VIII.C; and IX.C

Annex W Tabs:

2

Procedure 41, Environmental Health Director

Basic Plan Sections:

V.B.4, B.8.b; and VI.C.3.f.4

Annex W Sections:

III.A.4, B.3; V.A., E, L, M; and VLE.2.e

Annex W Tabs:

2, 3, 4, and 7

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**ANNEX W – TAB 11
PROCEDURES CROSS REFERENCE**

Annex W Procedure

Procedure 42, Exposure Control for
Emergency Workers

Basic Plan and Annex W

Basic Plan Sections:
V.B.8.4

Annex W Sections:
III.A.4. B.3; V.A.9, and M

Annex W Tabs:
4

Section V: Transportation

Procedure 50, Transportation Officer

Basic Plan Sections:
V.B.18; and VI.C.3.f.4

Annex W Sections:
III.A.12; V.A.10, K; and IX.B.1

Annex W Tabs:
1, 2, 3, and 8

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**ANNEX W – TAB 11
PROCEDURES CROSS REFERENCE**

Annex W Procedure

Basic Plan and Annex W

Section VI: Public Information

Procedure 60, Public Information Officer

Basic Plan Sections:

III.A; V.B.1.c, and B.9

Annex W Sections:

V.B.2, B.3, B.4, B.5, D; and V.I.E.2.d

Annex W Tabs:

1, 2, 3, 4, and 5

Procedure 61, KMKS, Radio Operations

Basic Plan Sections:

III.A; and VI.C.3.f.6

Annex W Sections:

V.B.5

Annex W Tabs:

1, 2, and 5

Procedure 62, KIOX, Radio Operations

Basic Plan Sections:

III.A

Annex W Sections

V.B.5

Annex W Tabs:

1, 2, and 5

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**ANNEX W – TAB 11
PROCEDURES CROSS REFERENCE**

Annex W Procedure

Basic Plan and Annex W

Procedure 63, Emergency Alert System Messages
and News Advisories

Basic Plan Sections:
V.B.1.c

Annex W Sections:
V.B.5

Annex W Tabs
1, 2, and 5

Procedure 64, KXGJ, Radio Operations

Basic Plan Sections
V.B.1.c

Annex W Sections
V.B.5

Annex W Tabs:
1, 2, and 5

Section VII: Reception Centers

Procedure 70, American Red Cross Director

Basic Plan Sections:
V.B.3, B.15; and VI.c.3.f.8

Annex W Sections:
III.B.12; Figure 2 G; and V.P

Annex W Tabs:
1, 2, 3, 4, and 7

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**ANNEX W – TAB 11
PROCEDURES CROSS REFERENCE**

Annex W Procedure

Basic Plan and Annex W

Procedure 71, Reception Center Operations
(American Red Cross)

Basic Plan Sections:
V.B.3; and VI.C.3.f.8

Annex W Sections:
Figure 2 G; and V.P

Annex W Tabs:
1, 2, 3, 4, and 7

Procedure 72, Reception Center Operations
(Environmental Health
Department)

Basic Plan Sections:
V.B.3; and VI.C.3.f.8

Annex W Sections:
Figure 2 G; and V.P

Annex W Tabs:
1, 2, 3, 4, and 7