

ATTACHMENT 1

Waterford 3 Steam Electric Station

REVISION LOG

Revision	Date	Comments
6	6/30/86	LRPD
7	12/30/91	LRPD
8	4/95	LRPD
8-update	3/96	LRPD
8-update	3/97	LRPD
9	5/00	LDEQ
9-update	5/00	LDEQ
10	10/05	LDEQ
10-update	6/30/10	FEMA plan review updates
10-update-2	8/31/10	Added Ochsner Flight Care to LOA.
11	1/5/11	Complete update
12	12/2013	Complete update

ATTACHMENT 1
FOREWORD
ST. CHARLES PARISH

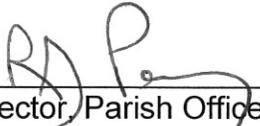
This plan, consisting of the General Plan and the Parish Enclosure, has been developed as an operations guide for St. Charles Parish in preparing for and conducting local government emergency operations in the event of an incident at Waterford 3 Steam Electric Station.

Emergency Implementing Procedures to implement and support functional assignments by the responsible Parish departments/agencies have been developed and are maintained in current status.

This plan shall be revised, updated, tested periodically and maintained in current status to assure a state of maximum readiness for the protection of public health, safety and property.

This revision to the Radiological Emergency Response Plan for St. Charles Parish, State of Louisiana, is declared official and is effective upon receipt.

APPROVED:



Director, Parish Office of
Homeland Security and Emergency Preparedness
St. Charles Parish

ATTACHMENT 1
FOREWORD
ST. JOHN THE BAPTIST PARISH

This plan, consisting of the General Plan and the Parish Enclosure has been developed as an operations guide for St. John the Baptist Parish in preparing for and conducting local government emergency operations in the event of an incident at Waterford 3 Steam Electric Station.

Emergency Implementing Procedures to implement and support functional assignments by the responsible Parish departments/agencies have been developed and are maintained in current status.

This plan shall be revised, updated, tested periodically and maintained in current status to assure a state of maximum readiness for the protection of public health, safety and property.

This revision to the Radiological Emergency Response Plan for St. John the Baptist Parish, State of Louisiana, is declared official and is effective upon receipt.

APPROVED:



Director, Department of Public Safety
Office of Homeland Security and Emergency Preparedness
St. John the Baptist Parish

**Louisiana Peacetime Radiological Response Plan
Attachment 1
Waterford 3 Steam Electric Station**

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ATTACHMENT 1

NUREG-0654 CROSS REFERENCE

'0654' Criteria	Where to Refer
A.1.a	Enclosures I-II, Section D
A.1.b	Enclosures I-II, Sections C, D and E
A.1.c	Enclosures I-II, Figure D-1
A.1.d	Enclosures I-II, Sections C and D
A.1.e	Enclosures I-II, Sections E, F.1. and F.2
A.2.a	Enclosures I-II, Sections A, B, D and Figure D-2
A.2.b	Attachment 1, Section I.A: Enclosures I-II, Section B
A.3	LPRRP, Chapter 14, Tab 1; Attachment 1, Appendix H; Enclosures I-II, Section B
A.4	Enclosures I-II, Section D
C.1.c	LPRRP, Basic Plan, Section VII
C.2.a	Enclosures I-II, Section E.3
C.4	Attachment 1, Appendix H; Enclosures I-II, Section D
C.6	Under Development
D.3	Attachment 1, Section IV, Chapter 1 and Tab A
D.4	Enclosures I-II, Sections D and E, Appendices I-1 and II-1
E.1	Attachment 1, Appendix A, Tab A and B, Enclosures I-II, Section E
E.2	LPRRP, Chapter 4, Section IV; Enclosures I-II, Sections E and F, Appendices I-1 and II-1
E.5	Attachment 1, Section IV, Chapter 2
E.6	LPRRP, Chapter 4, Section IV; Enclosure I, Sections D.1.b, F.7, and G; Enclosure II, Sections D.1.b, F.7, and G
E.7	Attachment 1, Section IV, Chapter 2
F.1.a	Enclosures I-II, Section F
F.1.b	Enclosures I-II, Section F and Figure F-1
F.1.c	Attachment 1, Section II.A.7 and 9 and Appendix A, Tab A
F.1.d	Enclosures I-II, Section F

'0654' Criteria	Where to Refer
F.1.e	Enclosures I-II, Sections E, F.2 - F.6
F.2	Enclosures I-II, Section F.4 and Figure F-1
F.3	LPRRP, Chapter 13, Section IV.A; Attachment 1, Section IV, Chapter 7, Enclosures I-II, Section F.8
G.1	Attachment 1, Section IV, Chapter 2
G.2	LPRRP, Chapter 5, Section IV.A.6; Attachment 1, Section IV, Chapter 2
G.3.a	Attachment 1, Section IV, Chapter 2
G.4.a	Attachment 1, Section IV, Chapter 2, Enclosures I-II, Section D.1.b
G.4.b	LPRRP, Chapter 5, Section IV.B; Attachment 1, Section IV, Chapter 2
G.4.c	LPRRP, Chapter 5, Section IV.B.4; Attachment 1, Section IV, Chapter 2
G.5	LPRRP, Chapter 5, Section IV.A.8; Attachment 1, Section IV, Chapter 2
H.3	Attachment 1, Section II, Enclosures I-II, Section C
H.4	Attachment 1, Section II, Enclosures I-II, Section E
H.7	LPRRP, Chapter 6, Tab 3, Paragraph G; Attachment 1, Section IV, Chapter 3.B
H.10	LPRRP, Chapter 6, Tab 3, Paragraph G; Attachment 1, Section IV, Chapter 5
H.11	LPRRP, Chapter 6, Tab 3, Table 1; Attachment 1, Section IV, Chapter 5, Tab A
H.12	LPRRP, Chapter 6, Tab 3, Paragraphs A, E, F and G
I.7	LPRRP, Chapter 6, Tabs 3 and 5
I.8	LPRRP, Chapter 6, Section III and Tab 3; Attachment 1, Section IV, Chapter 3
I.9	LPRRP, Chapter 6, Tab 3, Paragraph F
I.10	LPRRP, Chapters 6, 7, 8 and 11
J.2	Enclosures I-II, Section G.3; Attachment 1, Appendix D
J.9	Attachment 1, Section IV, Chapter 4, Enclosures I-II, Section G
J.10.a	Attachment 1, Appendix B, C, D, E; Enclosures I-II, Figures G-1 & G-1a
J.10.b	Attachment 1, Appendix B, Appendix C
J.10.c	Enclosures I-II, Sections E.5 and F.7
J.10.d	Enclosures I-II, Sections G and H

'0654' Criteria	Where to Refer
J.10.e	LPRRP, Chapter 9, Tab 1; Attachment 1, Section IV, Chapter 5; Enclosures I-II, Section D.1
J.10.f	LPRRP, Chapter 9, Section IV.A; Attachment 1, Section IV, Chapter 5
J.10.g	Attachment 1, Section II.A.14; Enclosures I-II, Section G.3
J.10.h	Enclosures I-II, Figure G-1
J.10.i	Attachment 1, Appendix D
J.10.j	Enclosures I-II, Sections D.1, D.2, G.1 and G.3
J.10.k	Enclosures I-II, Section D.1, Section G.3
J.10.l	Attachment 1, Appendix D
J.10.m	LPRRP, Chapter 7, Section IV; Enclosures I-II, Section G
J.11	LPRRP, Chapter 8; Attachment 1, Section IV, Chapter 4
J.12	LPRRP, Chapter 9, Section IV.B; Enclosures I-II, Sections G.3 and H.1
K.3.a	Attachment 1, Section IV, Chapter 5
K.3.b	Attachment 1, Section IV, Chapter 5
K.4	Attachment 1, Section IV, Chapter 5
K.5.a	Attachment 1, Section IV, Chapter 5
K.5.b	Attachment 1, Section IV, Chapter 5
L.1	LPRRP, Chapter 10, Tabs 3 and 4; LPRRP, Chapter 14, Tab 1; Attachment 1, Appendix H; Enclosure I, Sections D.4, H.2; Enclosure II, Sections D.3, H.2
L.4	LPRRP, Chapter 10, Section IV.A and Tab 2; Enclosures I-II, Sections H.2
M.1	LPRRP, Chapter 11; Attachment 1, Section IV, Chapter 6
M.3	LPRRP, Chapter 11
M.4	LPRRP, Chapter 11, Section III.H
N.1.a	LPRRP, Chapter 13, Section III.A; Attachment 1, Section IV, Chapter 7
N.1.b	LPRRP, Chapter 13, Section III.A; Attachment 1, Section IV, Chapter 7
N.2.a	LPRRP, Chapter 13, Section IV.A; Attachment 1, Section IV, Chapter 7
N.2.c	Attachment 1, Section IV, Chapter 7
N.2.d	LPRRP, Chapter 13, Section IV.C; Attachment 1, Section IV, Chapter 7

'0654' Criteria	Where to Refer
N.3.a	LPRRP, Chapter 13, Section V; Attachment 1, Section IV, Chapter 7
N.3.b	LPRRP, Chapter 13, Section V; Attachment 1, Section IV, Chapter 7
N.3.c	LPRRP, Chapter 13, Section V; Attachment 1, Section IV, Chapter 7
N.3.d	LPRRP, Chapter 13, Section V; Attachment 1, Section IV, Chapter 7
N.3.e	LPRRP, Chapter 13, Section V; Attachment 1, Section IV, Chapter 7
N.3.f	LPRRP, Chapter 13, Section V; Attachment 1, Section IV, Chapter 7
N.4	LPRRP, Chapter 13, Section III.D; Attachment 1, Section IV, Chapter 7
N.5	LPRRP, Chapter 13, Section III.E; Attachment 1, Section IV, Chapter 7
O.1	Attachment 1, Section IV, Chapter 8
O.1.b	Attachment 1, Section IV, Chapter 8
O.4.a	Attachment 1, Section IV, Chapter 8
O.4.b	LPRRP, Chapter 12, Section III
O.4.d	Attachment 1, Section IV, Chapter 8
O.4.f	Attachment 1, Section IV, Chapter 8
O.4.g	Attachment 1, Section IV, Chapter 8
O.4.h	Attachment 1, Section IV, Chapter 8
O.4.j	Attachment 1, Section IV, Chapter 8
O.5	Attachment 1, Section IV, Chapter 8
P.1	Attachment 1, Section IV, Chapter 8
P.2	Enclosures I-II, Section D.1
P.3	Enclosures I-II, Section D.1
P.4	Attachment 1, Section III.B
P.5	LPRRP, Basic Plan, Section VIII.C; Attachment 1, Section III.B
P.6	Attachment 1, Appendix G
P.7	Enclosures I-II, Appendices I-1 and II-1
P.8	Attachment 1, TOC, p. 5; Attachment 1, Cross Reference, p. 7
P.10	Enclosures I-II, Section D.1.b

Acronyms for Attachment 1

ANS	-	Alert Notification System
DEP	-	Director of Emergency Preparedness
DOE	-	Department of Energy
EAL	-	Emergency Action Level
EAS	-	Emergency Alert System
EBS	-	Emergency Broadcast System
ECL	-	Emergency Classification Level
EOC	-	Emergency Operations Center
EOF	-	Emergency Operations Facility
EOI	-	Entergy Operations, Inc.
EPA	-	Environmental Protection Agency
EPC	-	Emergency Preparedness Coordinator
EPZ	-	Emergency Planning Zone
FEMA	-	Federal Emergency Management Agency
GOHSEP	-	Louisiana Office of Homeland Security & Emergency Preparedness
JIC	-	Joint Information Center
KI	-	Potassium Iodide
LDEQ	-	Louisiana Department of Environmental Quality
LPRRP	-	Louisiana Peacetime Radiological Response Plan
NRC	-	Nuclear Regulatory Commission
OHL	-	Operational Hotline
PAG	-	Protective Action Guide
PAS	-	Protective Action Section
PIO	-	Public Information Officer
TLD	-	Thermoluminescent Dosimeter
W3P	-	Waterford 3 Parishes
W3SES	-	Waterford 3 Steam Electric Station

ATTACHMENT 1

I. Introduction

A. Authority

1. State

- a. The Louisiana Homeland Security and Emergency Assistance and Disaster Act
- b. The Louisiana Environmental Quality Act, La. R. S. 30:2001 et seq.

2. Local

Ordinances or resolutions enacted pursuant to requirements or authorities cited in the Plan.

3. Federal

- a. Federal Civil Defense Act of 1950, as amended 50 USCA App.2251 et seq.
- b. Stafford Disaster Relief and Emergency Assistance Act, P. L. 101-707

B. Purpose

This Attachment is intended to serve as a tool and reference for emergency actions and procedures in response to a fixed nuclear facility accident at Entergy Operations Inc. (EOI) Waterford 3 Steam Electric Station (W3SES) near Taft, Louisiana. The information is solely for utilization by governing officials of St. Charles and St. John the Baptist Parishes. As such, it will allow for an integrated, comprehensive and efficient response of State and local government and Waterford 3 in the event of a radiological accident at Waterford 3 Steam Electric Station (W3SES). The Concept of Operation is purposefully outlined to ensure protection of the health, safety and welfare of the populace, both resident and transient, within the risk areas of the above named Parishes.

C. Development and Organization

1. This first attachment to the "Louisiana Peacetime Radiological Response Plan" (LPRRP) is for Waterford 3 Steam Electric Station (W3SES) near Taft, Louisiana. It has been developed by the Office of Homeland Security and Emergency Preparedness, St. Charles Parish, and the Office of Homeland Security and Emergency Preparedness, St. John the Baptist Parish. These two parishes will together be referred to as the Waterford 3 Parishes (W3P). Preparation of this Attachment was coordinated by Louisiana Department of Environmental Quality (LDEQ).

2. The content of this Attachment has been developed in accordance with the guidelines of the LPRRP and the criteria as set forth by the Federal Emergency Management Agency (FEMA) and the Nuclear Regulatory Commission (NRC), in its document, NUREG-0654 / FEMA-REP-1, Revision 1, entitled "Criteria for Preparation and Evaluation of Radiological Emergency Response Plans and Preparedness in Support of Nuclear Power Plants", November, 1980.
3. This Attachment has been arranged in two major divisions, a General Plan section and an Enclosure section. The General Plan includes all that information which is generic to all the W3P. The Enclosure section is comprised of two individual Parish Radiological Emergency Response Plans. The nature of the information included in the Enclosure section tends to be Parish specific.

D. Scope

This Attachment provides the basis for the coordination of offsite emergency response by State and local government and Waterford 3. It has been designed so that the planning measures are detailed for response from the onset of an incident to its termination and recovery. It is intended to be comprehensive, i.e. the information included will allow for rapid and appropriate protective measures so as to safeguard the public in the event of an accident, regardless of its severity. Particular attention has been paid to the areas of notification, methods and procedures, emergency communication, public information and education, and exercises and drills. Although every effort has been made to produce a thorough and accurate document, revisions will be made continually throughout the operational life of the Waterford 3 Steam Electric Station (W3SES), as needed and appropriate.

II. Concept of Operation

The following constitutes the Concept of Operation for Attachment 1:

- A. The information in this Attachment is organized into a General Plan portion of generic information to the Waterford 3 parishes (W3P) and individual Enclosures of specific information for each Parish. Therefore, by design, each Parish will have its specific Enclosure in combination with the General Plan which together will provide all the information necessary to meet the requirements of NUREG-0654 FEMA-REP-1, Rev. 1.
- B. EOI, as licensee for Waterford 3 Steam Electric Station (W3SES), will provide initial notification and all follow-up notifications pursuant to any radiological accident or potential accident including its termination and final plant status.
- C. Any event or sequence of events which occur at Waterford 3 Steam Electric Station (W3SES) that could impact the populace in the area offsite from the

plant will be classified according to established Federal (NRC and FEMA) guidelines; i.e. one of the Emergency Classifications (ECLs) of Notification of Unusual Event, Alert, Site Area Emergency, or General Emergency will be declared as appropriate to the situation.

- D. Waterford 3 Steam Electric Station (W3SES) will activate its emergency centers--the Technical Support Center (TSC), the Operational Support Center (OSC), the Emergency Operations Facility (EOF), and the Joint Information Center (JIC), when required, based on accident severity. Coordination with Parish and State government will be continuous through the use of communication networks and contact with liaison personnel.
- E. In the event of an accident at Waterford 3 Steam Electric Station (W3SES), LDEQ is tasked with offsite radiological monitoring and analysis and protective action recommendations. Recommendations are formulated in conjunction with technical accident information from Waterford 3 Steam Electric Station (W3SES).
- F. Protective action recommendations may be issued at the Alert, Site Area Emergency, or General Emergency Classification.
- G. Federal technical support will be called upon and coordinated through LDEQ.
- H. GOHSEP will activate the State Emergency Operations Center (EOC) when required and coordinate all State resources through the appropriate agencies of the State.
- I. Federal operational support will be called upon and coordinated through GOHSEP.
- J. The Governor may preempt local governments as primary legal authority if a State "Declaration of Emergency" is issued.
- K. In the event of an accident, the Waterford 3 parish (W3P) governments, which are responsible for the safety and welfare of their citizens, may implement this response plan as conditions warrant.
- L. An accident at Waterford 3 Steam Electric Station (W3SES) may require protective actions involving portions of both of the Waterford 3 Parishes.
- M. All available Parish resources will be utilized as necessary. If Parish resources are expended and/or the situation involves other jurisdictions, State emergency plans will be implemented to provide additional resources and support.
- N. Privately owned vehicles will be the primary mode of transportation if evacuation is necessary.
- O. Emergency Planning Zones (EPZs) for both the Plume Exposure (10-mile) and Ingestion Exposure (50-mile) Pathways are established. The Plume Exposure Pathway (10-mile) EPZ is further divided into zones of 2, 5 and 10 miles and into Protective Action Sections (PAS). This partitioning of the

10-mile EPZ allows for maximum flexibility of decision making for protective response measures. Within the Ingestion Exposure Pathway (50-mile) EPZ, all probable routes of food chain contamination (e.g. food crops, livestock, drinking water, etc.) will be identified.

III. Administration

A. Responsibility

The responsibility for the development, maintenance and revision of this Attachment lies with the W3P Offices of Emergency Preparedness, in conjunction with LDEQ and GOHSEP.

B. Review and Revision

All information contained within this Attachment will be reviewed annually by the W3P Offices of Emergency Preparedness. Any additions/deletions or recommendations will be forwarded to LDEQ for review. Proposed revisions to this Attachment will be considered by the W3P, LDEQ, GOHSEP and EOI. Upon acceptance the new information will be incorporated into this Attachment and all revised or new material will then be distributed as appropriate. Revised pages will be dated and marked to show changes have been made.

C. Distribution

The Parish Director of Emergency Preparedness (DEP) has the authority to distribute uncontrolled copies of this Attachment to Parish or emergency staff officials and others with responsibility for its implementation. The DEP is, in addition, responsible for maintaining a complete and current Parish distribution list. LDEQ is responsible for the controlled distribution of the LPRRP to include this Attachment as appropriate.

IV. Chapters

CHAPTER 1

Emergency Classification System

A. Purpose

A gradation of Emergency Classifications (ECLs) based on Emergency Action Levels (EALs), as established by NRC and FEMA in their planning guidance document, "Criteria for Preparation and Evaluation of Radiological Emergency response Plans and Preparedness in Support of Nuclear Power Plants," (NUREG-0654 FEMA-REP-1, Rev. 1), is utilized to provide for early and prompt notification of an accident to the W3P response organizations and to assure that adequate opportunity is provided for preparatory actions prior to any offsite impact of an accident.

B. Concept of Operations

1. Waterford 3 Steam Electric Station (W3SES) is responsible for the initial recognition and classification of the emergency condition, and for notification of State and Parish organizations.
2. The ECL (See Tab A - Emergency Classification Level) will be included with the initial and all follow-up notification message information provided to the W3P.
3. The W3P will take initial preparatory actions consistent with the guidelines for their emergency response organizations established in their plans (Enclosures) and implementing procedures. Subsequent actions will be taken in accordance with the ECL, the technical information from Waterford 3 Steam Electric Station (W3SES), and the protective response recommendations of LDEQ.

TAB A TO CHAPTER 1

Emergency Classification Level*

A. Notification of Unusual Event

1. Description

Unusual events are in process or have occurred which indicate a potential degradation of the level of safety of the plant or indicate a security threat to facility protection. No releases of radioactive material requiring off-site response or monitoring are expected unless further degradation of safety systems occurs

2. Purpose

Purpose of offsite notification is to (1) assure that the first step in any response later found to be necessary has been carried out, (2) bring the operating staff to a state of readiness, and (3) provide systematic handling of unusual events information and decision-making.

B. Alert

1. Description

Events are in process or have occurred which involve an actual or potential substantial degradation, of the level of safety of the plant or a security event that involves probable life threatening risk to site personnel or damage to site equipment because of intentional malicious dedicated efforts of a hostile act. Any releases are expected to be limited to small fractions of the EPA Protective Action Guideline exposure levels.

2. Purpose

Purpose of offsite alert is to (1) assure that emergency personnel are readily available to respond if situation becomes more serious or to perform confirmatory radiation monitoring if required, and (2) provide offsite authorities current status information.

C. Site Area Emergency

1. Description

Events are in process or have occurred which involve an actual or likely major failures of plant functions needed for protection of the public or security events that result in intentional damage or malicious acts; (1) toward site personnel or equipment that could lead to the likely failure of or; (2) prevents effective access to equipment needed for the protection of

* "Criteria for Preparation and Evaluation of Radiological Emergency Response Plans and Preparedness in Support of Nuclear Power Plants" (NUREG-0654 FEMA-REP-1, Rev. 1) November, 1980.

the public. Any releases are not expected to result in exposure levels which exceed EPA Protective Action Guideline exposure levels beyond the site boundary.

2. Purpose

Purpose of the site area emergency declaration is to (1) assure that response centers are manned, (2) assure that monitoring teams are dispatched, (3) assure that personnel required for evacuation of near-site areas are at duty stations if situation becomes more serious, and (4) provide consultation with offsite authorities.

D. General Emergency

1. Description

Events are in process or have occurred which involve actual or imminent substantial core degradation or melting with potential for loss of containment integrity or security events that result in an actual loss of physical control of the facility. Releases can be reasonably expected to exceed EPA Protective Action Guideline exposure levels off-site for more than the immediate site area.

2. Purpose

Purpose of the general emergency declaration is to (1) initiate predetermined protective actions for the public, (2) provide continuous assessment of information from licensee and offsite organization measurements, (3) initiate additional measures as indicated by actual or potential releases, (4) provide consultation with offsite authorities and (5) provide updates for the public through offsite authorities.

CHAPTER 2

Public Education and Information

A. Purpose

To develop an ongoing educational program related to emergency response for Waterford 3 Steam Electric Station (W3SES) and, in the event of a radiological accident, a procedure for the timely release of accurate and pertinent information to the public and the news media.

B. Concept of Operations

1. Educational Program:

LDEQ will coordinate with GOHSEP, the W3P, and Waterford 3 in an ongoing annual program to acquaint the public on how they will be notified of an accident at Waterford 3 and what their actions should be.

- i. This information will include educational information on radiation, contact for additional information, protective measures including evacuation routes, reception centers, sheltering, respiratory protection, as well as the special needs of the handicapped.
- ii. The principal means of distributing this information will be through a mailing directed at individual residences and commercial businesses throughout the 10-mile EPZ. Information for the transients will be made available by means of a poster distributed by the W3P to industries, hotels, motels, public buildings, and retail outlets in the 10-mile EPZ. LDEQ, GOHSEP, the W3P, and Waterford 3 will conduct an annual program to acquaint the news media with the emergency plan, radiation information, and points of contact for the release of public information.

2. Information Release:

- i. A public information program, designed for persons living, working and traveling in risk areas of the W3P, will be developed and annually updated by LDEQ and GOHSEP with Parish assistance.
- ii. Emergency public information will be available in the "Information Brochure" and is intended to support information from the Emergency Alert System (EAS/formerly EBS).^{*}
- iii. The W3SES Parishes will release EAS messages directly to the assigned local EAS radio stations. WWL 870-AM/WLMG 101.9-FM

^{*}The terminology is effective Nov, 10, 1994. It must be implemented by July, 1997 based on FCC Guidelines.

will serve as the primary EAS station for St. Charles Parish and for St. John Parish. Also serving as EAS radio stations are 1370-AM (St. Charles) and WWL 105.3-FM.

- iv. The Alert Notification System will be activated by the W3P DEP under the direction of the Parish Presidents when conditions at Waterford 3 Steam Electric Station (W3SES) warrant protective actions for the general public. Once the decision is made to activate the Alert Notification System, the DEP will verify that the EAS is on standby and ready to broadcast prepared messages.
- v. Continuing information will be provided through the EAS, during the emergency, to inform the public of the nature and severity of the accident and protective actions.
- vi. The W3P DEP will be responsible for recommendations and support to LDEQ and GOHSEP for the advance development of prepared messages designed for dissemination via EAS during an emergency. These messages provide specific emergency instructions based on the protective actions taken (See Tab A - EAS Message Listing').
- vii. The Parish President or his designated Public Information Officer (PIO) will serve as the Parish spokesperson and will release emergency public information to the news media, at the time of an accident.
- viii. For more information on the exchange of information, see:
 - 1) St. Charles Parish Emergency Plan Implementing Procedure: Emergency Operations Center: Attachment 7 – Decision Making
 - 2) St. John the Baptist Parish Emergency Operations Plan: Standard Operation Procedure: Annex N [ESF #12] Public Information
- ix. EPP-423: Emergency Planning Procedure: Joint Information Center Activation, Operation, and Deactivation. News releases will be shared between the W3P, State, and facility public information.
- x. The W3P DEP will direct the news media to the EOI Joint Information Center in New Orleans.
- xi. Rumor Control/Response will be primarily accomplished through the EOI Rumor Control Center located in New Orleans. The Rumor Control Center operates under the direction of the Waterford 3 Joint Information Center. Parish, State and utility PIOs will provide information as necessary to the Rumor Control Center.

For more information on rumor control, see EPP-423: Emergency Planning Procedure: Joint Information Center Activation, Operation, and Deactivation

TAB A TO CHAPTER 2

EAS Message Listing*

1. Initial Notification
2. St. Charles Protective Action
3. St. John Protective Action
4. Reentry
5. Precautionary Actions for Farmers, Farm Workers, Food Processors and Food Distributors
6. Emergency Actions for Farmers, Farm Workers, Food Processors and Food Distributors

* Actual messages have been developed as part of the implementing procedures and are included with them.

CHAPTER 3

Accident Assessment

A. Purpose

The following establishes the process by which an accident at Waterford 3 Steam Electric Station (W3SES) will be assessed to determine if protective action(s) is necessary, and if so the method in which the protective action(s) would be recommended to the W3P.

B. Concept of Operation

1. State Responsibility

- a. Chapter 6 of the LPRRP assigns responsibility for accident assessment solely to the Louisiana Department of Environmental Quality (LDEQ). Assessment of a radiological accident at Waterford 3 Steam Electric Station (W3SES) will be made based on technical information received from W3SES which includes but is not limited to: plant status, emergency classification, time of initiation of release (if any), type of release, actual or projected dose rates, meteorological conditions, and predicted duration of existing conditions. In conjunction with Waterford 3 Steam Electric Station (W3SES), protective action recommendations will be formulated and transmitted to the W3P as appropriate.
- b. The Plume Exposure Pathway (10-mile) EPZ has been partitioned into 16 Protective Action Sections (PASs). The PASs have been delineated for ease of public recognition on the basis of jurisdictional boundaries, roads and intersections, bodies of water and other natural landmarks, where possible, and also corresponding to approximate distances of 0-2, 2-5 and 5-10 miles from W3SES. Protective action recommendations from LDEQ will be given to the W3P in terms of these PASs (refer to Appendix B, Tab A).
- c. LDEQ is assigned the responsibility for radiological monitoring, sample collection, and analyses and will supply and maintain its own specialized equipment and modes of transportation.
- d. The W3P have no responsibility in accident assessment but are expected to carry out protective response measures based on the recommendations from LDEQ. Protective action recommendations are issued by Waterford 3 Steam Electric Station (W3SES) directly to the Parishes and State

agencies concurrently, but the State may separately agree or disagree with the recommendation issued by W3SES.

- e. Actual protective action(s) taken by the W3P is solely the responsibility of the individual Parish governments.

CHAPTER 4

Protective Response for the Ingestion Exposure Pathway (50-mile) Emergency Planning Zone

A. Purpose

To establish what degree of involvement the Parishes of Louisiana which comprise the Ingestion Exposure Pathway (50-mile) EPZ will have in the protective response measures of the State of Louisiana.

B. Concept of Operation

1. All those Parishes comprising the Ingestion Exposure Pathway (50-mile EPZ) will be notified at the time of an accident at Waterford 3 Steam Electric Station (W3SES) (see Tab A - Parish Listing for the Ingestion Exposure Pathway (50-mile EPZ).
2. LDEQ will directly notify the W3P of any protective response recommendations concerning food, water, animal feed or livestock.
3. GOHSEP will notify the Parishes (other than W3P) within the 50-mile EPZ of the protective response recommendations concerning food, water, animal feed or livestock. GOHSEP may also utilize an EAS message to notify the agricultural community of information on the protection of livestock and crops during an accident.
4. LDEQ will coordinate with the respective local officials all sampling and monitoring activities in the 50-mile EPZ.
5. The decision to relax protective action(s) within the Ingestion Exposure Pathway (50-mile EPZ) will be made using the same criteria and decision procedures as the recommendation(s) to implement the initial action(s) (refer to the LPRRP, Chapter 8, Protective Response for the Ingestion Exposure Pathway EPZ).

TAB A TO CHAPTER 4

Parish Listing for the Ingestion Exposure Pathway (50-mile) EPZ

50-mile EPZ is comprised of all or part of 21 Louisiana Parishes:

- Ascension
- Assumption
- East Baton Rouge
- Iberia
- Iberville
- Jefferson
- Lafourche
- Livingston
- St. Bernard
- St. Charles*
- St. Helena
- St. James
- St. John the Baptist*
- St. Martin
- St. Mary
- St. Tammany
- Orleans
- Plaquemine
- Tangipahoa
- Terrebonne
- West Baton Rouge

* Also within Plume Exposure Pathway (10-mile EPZ).

CHAPTER 5

Radiological Exposure Control

A. Purpose

To establish methods and procedures for the protection of the public and emergency workers in the W3P from radiological exposure in the event of a radiological accident at Waterford 3 Steam Electric Station (W3SES).

B. Concept of Operation

1. General

- a. LDEQ will offer technical advice and protective action recommendations to the W3P, who will implement appropriate radiological exposure control measures. The W3P will report resource shortages and operational support requirements to GOHSEP.
- b. At the time of a radiological accident at Waterford 3 Steam Electric Station (W3SES), LDEQ will make recommendations for protective action(s) for members of the general public and emergency workers to the W3P Parish Presidents. These recommendations will be based on the following:
 - i. Guidance from the U. S. Environmental Protection Agency (EPA) as given in the “Manual of Protective Action Guides and Protective Actions for Nuclear Accidents” (EPA – 400-R-92-001, revised May, 1992).
 - ii. Information from Waterford 3 Steam Electric Station (W3SES) concerning the nature of the accident, radiological consequences (if any), protective action recommendations, duration of any radiological release and its potential offsite doses, meteorological conditions and updates on plant status. (For a complete listing of information received from Waterford 3 Steam Electric Station (W3SES) refer to Chapter 2 of the LPRRP.)
 - iii. ‘In house’ (and/or independent) dose projections determined for any radiological release.
 - iv. Planning guidance for the W3P as outlined in the LPRRP (Chapter 6) and this Attachment.
- c. All radiological monitoring and decontamination for members of the public will take place at reception centers which will be established outside the 10-mile EPZ. Persons showing on

their body a reading greater than 0.1 mR/hour above background on a survey meter, greater than 300 cpm, or persons setting off the alarm while surveyed with a portal monitor, will be considered contaminated, and will be processed through decontamination procedures. St. Charles and St. John the Baptist Parishes will not be responsible for the decontamination of members of the general public. Note: Some facilities use action levels of greater than 100 cpm above background or 2X background.

For more information on reception center requirements, see LPRRP, Chapter 9, Section IV.B.

Parish/Reception Center	Procedure
East Baton Rouge Parish	
Baton Rouge River Center	Emergency Response Procedure for Fire Department
	Emergency Response Procedure for Reception Centers: Baton Rouge River Center/LSU Field House
Jefferson Parish	
Alario Center	Reception Center Manager Checklist
	Checklist 1: Officer in Charge
	Checklist 2: Vehicle Monitor
	Checklist 3: Personnel Monitor
Pontchartrain Center	Checklist 4: Decontamination Monitor
	Reception Center Manager Checklist
	Checklist 1: Officer in Charge
	Checklist 2: Vehicle Monitor
Lafourche Parish	Checklist 3: Personnel Monitor
	Checklist 4: Decontamination Monitor
	Reception Center Manager Checklist
	Checklist 1: Officer in Charge
Central Lafourche High School	Checklist 2: Vehicle Monitor
	Checklist 3: Personnel Monitor
	Checklist 4: Decontamination Monitor
	Reception Center Manager Checklist
Tangipahoa Parish	
Hammond High School	Checklist 1: Officer in Charge
	Checklist 2: Vehicle Monitor
	Checklist 3: Personnel Monitor
	Checklist 4: Decontamination Monitor

- d. Arrangements will be made for the distribution and use of KI at the time of an accident. The use of KI as a thyroid blocking agent will be considered for emergency workers and for institutionalized persons who may not be able to evacuate immediately. (Refer to Chapter 9 of the LPRRP, Radiological Exposure Control.)
- e. The dosimetry and survey meters which may be used to support a radiological emergency operation will be inspected, inventoried and functionally checked annually as well as after each use under the supervision of the Parish Radiological Officer. Reserves to replace those items of equipment removed for calibration or repair will be supplied by GOHSEP.

2. Emergency Workers

- a. Emergency Workers (defined as those persons who are engaged in public service activities and as such voluntarily place themselves under different criteria for protection than the general public) will be equipped with pocket dosimeters and a permanent record dosimeter (such as a TLD) at the time of an accident (see Tab A - Resource Requirements for Radiological Exposure Control).

If pocket dosimetry is issued to emergency workers, they must be equipped with a "low range" and a "high range" dosimeter. For example, a 0-200 mR pocket dosimeter and a 0-5 R pocket dosimeter could be distributed.

An electronic dosimeter can be substituted for the pocket dosimeters, reading both a low and high range.

- b. Emergency workers, as volunteers, will be advised of risks and trained in the proper use of dosimeters, limitation of exposure (time, distance, shielding) and the use, administration, limitations and precautions of KI.
- c. Emergency workers are instructed to read dosimeters every 30 minutes.
- d. St. Charles and St. John the Baptist Parish Presidents will be responsible for authorizing their emergency workers and members of the general public (e.g., farmers who voluntarily wish to enter a risk area) to incur exposures in excess of the EPA General Public Protective Action Guides. Authorization will be considered after consultation with LDEQ.

For more information on emergency worker exposure exceeding EPA Guidelines see:

- St. Charles Parish Emergency Plan Implementing

Procedure: Emergency Operations Center:
Attachment 7 – Decision Making

- St. John the Baptist Parish Emergency Operations Plan: Emergency Operations Center Standard Operation Procedure: Attachment 7 – Decision Making

e. Consideration for authorization of exposure beyond 5 R Total Effective Dose Equivalent (TEDE) for whole body and/or 25 R Committed Dose Equivalent (CDE) for thyroid will be consistent with the following:

DOSE LIMITS* (TEDE)	ACTIVITY	CONDITIONS
> 5 R	Protecting Valuable Property	Lower dose not practicable
> 10 R	Life saving or Protection of large populations	Lower dose not practicable
> 25 R	Life saving or Protection of large populations	Only on a voluntary basis to persons fully aware of the risks involved

f. Arrangements will be made for decontamination of emergency workers at decontamination centers outside of the Plume Exposure Pathway (10-mile) EPZ, and at pre-determined locations in un-affected Parishes. Provisions will be made at these centers to survey and decontaminate emergency workers and to transport them to medical facilities for further treatment of wounds or contamination if necessary. Persons showing on their body a reading greater than 0.1 mR/hour above background on a survey meter, greater than 300 cpm, or persons setting off the alarm while surveyed with a portal monitor, will be considered contaminated, and will be processed through decontamination procedures. Note: Some facilities use action levels of greater than 100 cpm above background or 2X background.

Contaminated supplies, instruments and equipment used by emergency workers will be stored at these sites until arrangements for their proper surveillance and decontamination or disposal can be made. Decontamination

* EPA 400-R-92-001 "Manual of Protective Action Guides and Protective Actions for Nuclear Incidents"
Table 2-2

action levels for objects are set the same as those for emergency workers, as stated in the previous paragraph.

- g. Emergency workers will be responsible for completing dosimeter report forms and giving them to the Parish Radiological Officer (or his designee) at the conclusion of the emergency.

For a sample dosimeter report form, see:

- St. Charles Parish “Individual Dosimeter Report Form”
- St. John the Baptist Parish Emergency Operations Plan Standard Operation Procedure: Radiological Exposure Control, Attachment 4a “Individual Dosimeter Report Form”

- h. Emergency workers’ permanent record dosimeters (TLDs) will be turned in to W3SES for laboratory analysis and report.

It will be required that EW TLDs are turned in at the end of the event. However, TLDs can be returned to be read at any time during the incident.

- i. W3SES provides the W3P with 144 packets of 14 each, for a total of 2016 tablets per parish. The utility is responsible for maintaining an adequate supply of unexpired tablets.

For more information on distribution of KI, see:

- St. Charles Parish Emergency Plan Implementing Procedure: Radiological Exposure Control
- St. John the Baptist Parish Emergency Operations Plan Standard Operation Procedure: Radiological Exposure Control

TAB A TO CHAPTER 5

Resource Requirements for Radiological Exposure Control

1. Emergency Workers
 - a. CD V-742 Dosimeter (Range: 0-200R) or equivalent
 - b. CD V-730 Dosimeter (Range: 0-20R) or equivalent
 - c. CD V-138 Dosimeter (Range: 0-200mR) or equivalent (state only)
 - d. Digital Dosimeter (Range: 0.1mR-100R) or equivalent
 - e. Arrow Tech Model 725 (0-5R)
 - f. Thermoluminescent Dosimeter (TLD) or Film Badge
 - g. 'Individual Dosimeter Report Forms'
2. Reception/Survey/Decontamination Center
 - a. CD V-700 Geiger – Mueller survey meter (Range: 0-50mR/hr) or equivalent
 - b. CD V-715 Geiger – Mueller survey meter (Range: 0-500R/hr) or equivalent
 - c. Ludlum 3A Survey Meter
 - d. "Reception Log" Form
 - e. Shower facilities (male/female)
 - f. Provisions for obtaining a change of clothing (for contaminated individuals)
 - g. Storage/isolation area for contaminated material(s)
 - h. Vehicles/drivers for contaminated individual transport
 - i. 'Contamination Survey Decontamination Log" Forms
3. For more information on emergency kit information, see:
 - a. St. Charles Parish Emergency Plan Implementing Procedures, Radiological Exposure Control
 - b. St. John the Baptist Parish Emergency Operations Plan Standard Operation Procedure: Radiological Exposure Control

CHAPTER 6

Reentry, Recovery, and Return

A. Purpose

To establish the methods used for the relaxation of any protective measures and the initiation of reentry into evacuation and/or exclusion areas. Also, to identify the means and methods necessary to support reentry and recovery activities.

B. Concept of Operation

1. Relocation

- a. LDEQ will recommend the extension or further restriction of protective measures in affected areas in both the Plume Exposure Pathway (10-mile) and Ingestion Exposure Pathway (50-mile) EPZs to the W3P Presidents. These measures may include the temporary or permanent relocation of households. (Refer to Chapter 11 of the LPRRP, Reentry and Recovery.)
- b. The W3P responsibility for the relocation process will be handled by the same agencies and organizations that implemented protective actions.

2. Reentry

- a. LDEQ will recommend the temporary entry into a restricted zone under controlled and monitored conditions to the W3P Presidents. (Refer to Chapter 11 in the LPRRP, Reentry and Recovery.)
- b. The W3P responsibility for the reentry process will be handled by the same agencies and organizations that implemented protective actions.

3. Return

- a. LDEQ will recommend the relaxation of protective measures to allow the reoccupation of cleared areas for unrestricted residence or use to the W3P Presidents. (Refer to Chapter 11 in the LPRRP, Reentry and Recover.)
- b. The W3P responsibility for the return process will be jhandled by the same agencies and organizations that implemented protective actions.

4. Recovery

- a. The recovery phase of emergency operations will commence when the emergency has been terminated and with the relaxation of any protective measures. Recovery will extend for a period of time as determined by the severity of the accident.
- b. Recovery actions will be initiated by the W3P on the recommendation of LDEQ.
- c. Services provided as part of the recovery phase will be coordinated among State, Parish and volunteer agencies to include social, health, economic and insurance-related assistance as required in accordance with the Louisiana Emergency Operations Plan.

CHAPTER 7

Exercises and Drills

A. Purpose

To develop a program of exercises and drills to regularly evaluate the adequacy of the W3P plans and level of preparedness. It is the intent of these exercises and drills that areas not adequately addressed and/or needing improvement be identified.

B. Concept of Operations

1. Exercises

- a. A full participation exercise refers to an exercise in which: 1) sufficient numbers of State and local government personnel are engaged to verify the capability to respond to the actions required by the accident scenario; 2) to test the integrated capability to adequately assess and respond to an accident at a commercial nuclear power plant; 3) to test the implementation of observable portions of State and/or local plans.
- b. Each of the W3P will fully participate in an exercise for Waterford 3 Steam Electric Station (W3SES) at least every two years. Participation will be such that all major elements of the plans and preparedness organizations are tested within a eight-year period.
- c. To the extent possible, every effort will be made to vary scenarios, including the weather conditions simulated and times (hourly, yearly)* for each exercise.
- d. A remedial exercise is an exercise that tests deficiencies of previous joint exercises that are considered significant enough to impact on the public health and safety.

2. Critique and Exercise Evaluation

- a. Arrangements will be made for observation and critique of each exercise by representatives of Parish, State and Federal government and the media as appropriate to the scale of the exercise.
- b. The critique, to be conducted as soon as practicable after the

* To include provisions for off-hours and unannounced exercises once every six years.

exercise, will result in a formal evaluation of the ability of each organization to respond as called for in the Plan (LPRRP/Attachment 1).

- i. Parish governments, in conjunction with LDEQ and GOHSEP, will review Parish level plans (Enclosures) and implementing procedures to resolve deficiencies identified in exercise critiques and evaluations.

3. Drills

a. Communication Drills

- i. Communication drills will test both the adequacy of communications links and the response agency understanding of emergency classification and message content.
- ii. Communications between Waterford 3 Steam Electric Station (W3SES), the W3P and the State will be tested monthly.
- iii. Communications between Waterford 3 Steam Electric Station (W3SES), the W3P, and the State will be tested annually (may be during an exercise).
- iv. Communications between Federal emergency response organizations and the State of Louisiana will be tested quarterly.

b. Medical Emergency Drills

- i. A medical emergency drill will involve the transportation and treatment of a simulated contaminated injured person by Parish or local support services.
- ii. Medical emergency drills involving the designated primary local hospital will be conducted as required by FEMA. The offsite portions of the medical drill may be performed as part of the required biennial exercise.
- iii. *Note: In general, there is no requirement for parish government involvement in medical drills, other than being included in standard notification procedures. When reception centers are exercised (as during full scale biennial exercises), the capability to direct “contaminated injured” members of the general public to the appropriate hospital may also be tested.

c. Radiological Monitoring Drills

- i. An annual radiological monitoring drill will involve the collection and simulated analyses of sample media such as water, soil, vegetation and air as well as provisions for communications and record-keeping.
 - ii. The W3P will participate as requested with the State in the radiological monitoring drills held for Waterford 3 Steam Electric Station (W3SES).
- d. Critique and Drill Evaluation
- i. Each drill will be supervised and evaluated by a qualified drill instructor(s).
 - ii. The drill instructor(s) will be responsible for addressing any resulting drill deficiencies in a timely and appropriate manner.

4. Scenarios

- a. Development and Design
- i. The State, in conjunction with the W3P and Waterford 3 Steam Electric Station (W3SES), will develop exercise and drill scenarios based on NRC and FEMA guidance.
 - ii. Exercises and drills will be designed to allow free-play for decision-making by the principal response organizations. Scenarios will include but not be limited to the following criteria:
 - 1) The basic objective(s) of each exercise or drill.
 - 2) The date(s), duration, location(s) and participating organizations and/or individuals.
 - 3) The events and/or items to be simulated.
 - 4) A time schedule of real and simulated initiating events.
 - 5) A narrative summary describing the conduct of the exercise or drill to include such things as simulated casualties, offsite fire department assistance, rescue of personnel, use of protective clothing, deployment of Field Monitoring Teams, and public information activities (e.g., EAS message transmission).
 - 6) Arrangements for providing plan and scenario information material, in advance, to official observers.

- b. Critique and Scenario Evaluation
 - i. Each scenario will be evaluated for its success in accomplishing its intended purpose and its contribution to the success or failure of the exercise or drill.
 - ii. The review of the scenario will consider such things (mechanics) as the effect of controllers versus the use of cue cards; whether to follow a sequence of events time, scenario time, or real time; time compression; simulation; etc. as it relates to the success and effectiveness of the scenario.

CHAPTER 8

Radiological Emergency Response Training

A. Purpose

1. To establish guidelines and requirements for a radiological emergency response training program for the personnel of the W3P having a role in response to an accident at Waterford 3 Steam Electric Station (W3SES).

B. Concept of Operations

1. Utility Directed Training Programs – Offsite Support to Waterford 3 Steam Electric Station (W3SES)
 - a. Waterford 3 will provide site-specific emergency response training for those offsite emergency organizations which may be called upon to provide assistance onsite, through pre-established agreement, should the need arise.
 - b. Training will be provided for emergency response personnel, hospital employees, ambulance/rescue workers (paramedics), and sheriff and fire department personnel. It will include procedures for notification, basic radiation protection, and the specific roles of each support organization. For the support personnel who will enter the site, training will also include access procedures and the onsite individual to whom they would report for coordination of their support activities onsite.
 - c. For each primary and backup hospital designated to provide medical support for “contaminated injured” personnel, initial training and periodic retraining programs will be provided on evaluation and treatment of radiologically “contaminated injured” patients. Transportation providers will receive basic training in contamination control.
2. State Directed Training – Response Plan Implementation
 - a. LDEQ, in conjunction with GOHSEP, will provide for the training of the W3P personnel who will implement the radiological emergency response plans.
 - b. Personnel who will receive training on radiological emergency response include the following: DEP, staff of the emergency response organizations (EOC staff), sheriffs and deputies, security personnel, medical support personnel (offsite only), communications and transportation personnel, mutual aid

organizations and any fire fighting, first aid and rescue personnel not trained by the "Utility Directed" Program.

- c. The initial training of response personnel will include an overview of radiological emergency response plans, including the facility, Waterford 3 Steam Electric Station (W3SES), State and Parish plans and procedures, basic information on radiation and radiation protection as well as more specific training on individual organization responsibilities and functions.
- d. Training for response personnel will be designed to enhance comprehension of the radiological emergency response plans and to orient personnel to their specific response function in relation to the overall protective response.
- e. In addition to plan orientation, those response personnel who will conduct activities within the Plume Exposure Pathway (10-mile) EPZ will receive training on radiological exposure control to include respiratory protection, protective clothing, dosimetry, management of total dose through exposure time limitations, reading and recording of personal dose data, decontamination procedures, and the use of potassium iodide (KI), a radioprotective drug.
- f. After the initial training program, retraining of personnel will be accomplished on an annual basis. The scope of this training will be essentially the same as the initial Program but will emphasize any new material and the reinforcement of original information.
- g. Mini-training sessions on detailed procedural aspects of the radiological emergency preparedness program will be conducted on an "as needed" basis with the W3P DEP (as stated in the W3SES plan) for individual members of the St. Charles and St. John the Baptist Parish EOC staffs or the staffs collectively. These sessions will consist of individual procedure clarification or integrated "table-top" exercises for the staff which will be general or designed to concentrate on areas of inadequacy.
- h. LDEQ, in conjunction with GOHSEP, will provide for initial and follow-up training of the W3P elected officials who will evaluate protective response recommendations and coordinate the implementation of Parish protective response measures.

- i. LDEQ and GOHSEP will coordinate with and assist the utility with medical support personnel training identified in paragraph 8.b.1.c above, to the extent that qualified instructors are available.

3. Federal Training Programs

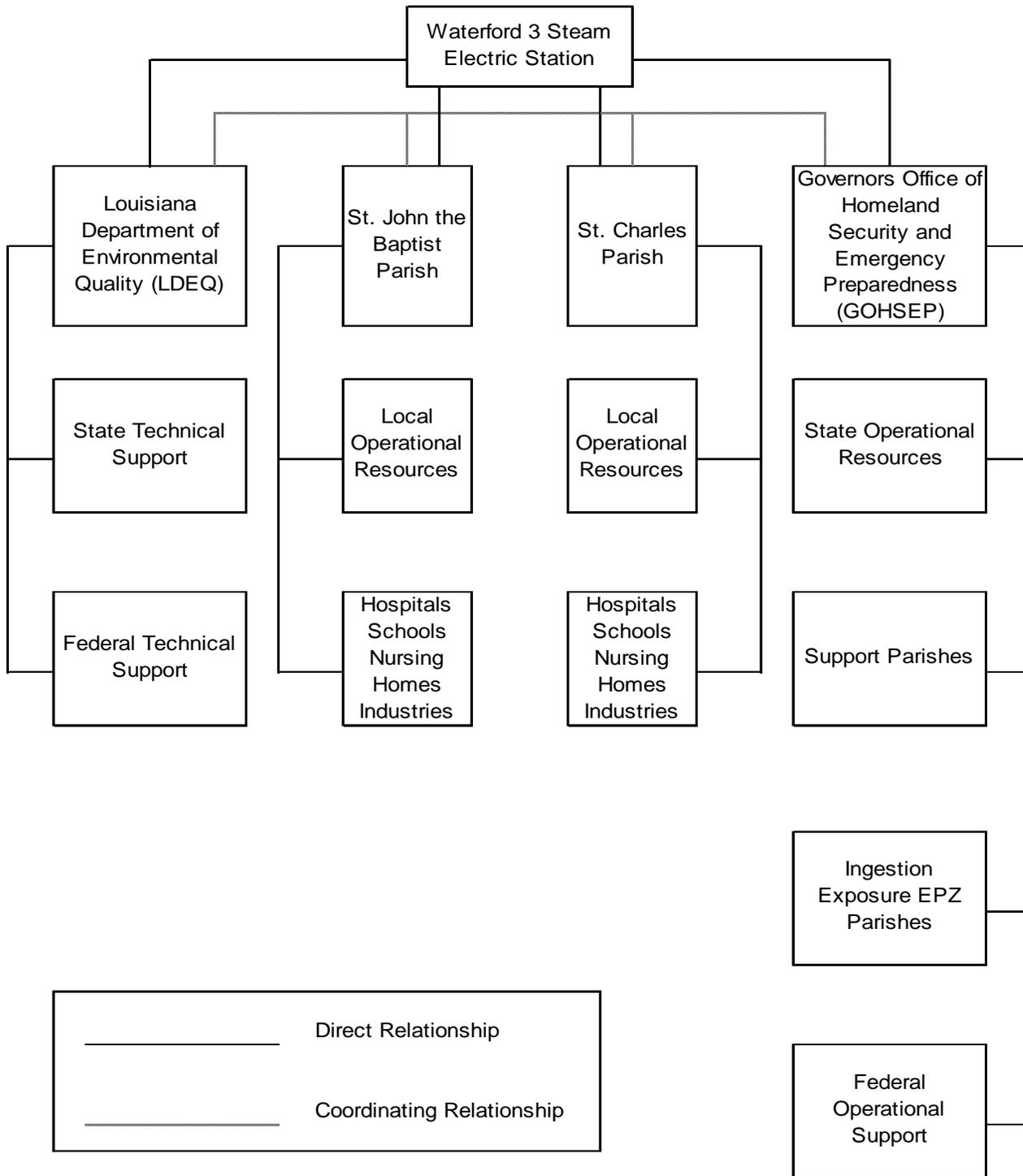
- a. FEMA and DOE offer several training courses for various aspects of radiological emergency planning, assessment and response. (Refer to Chapter 12 in the LPRRP, Training for more information pertaining to these courses).
- b. The W3P will designate appropriate Parish personnel to attend these courses, as available, to enhance overall plan development and strengthen specific aspects of emergency response through detailed technical training.

APPENDIX A

Accident Notification and Coordination

TAB A TO APPENDIX A

ACCIDENT NOTIFICATION AND COORDINATION



TAB B TO APPENDIX A

NOTIFICATION MESSAGE FORM

1. THIS IS GRAND GULF WATERFORD 3 RIVER BEND WITH MESSAGE NUMBER F- _____
(OHL CODE NO.) _____
2. A. _____ / _____ B. COMM: _____ C. TEL NO. _____
(TIME/DATE) (NAME)
3. **EMERGENCY CLASSIFICATION:**
 A. NOTIFICATION OF UNUSUAL EVENT C. SITE AREA EMERGENCY E. TERMINATED
 B. ALERT D. GENERAL EMERGENCY
4. CURRENT EMERGENCY CLASSIFICATION DECLARATION/TERMINATION Time/Date: _____ / _____
5. **RECOMMENDED PROTECTIVE ACTIONS:**
 A. No Protective Actions Recommended At This Time (Go to Item 6).
 B. EVACUATE _____
 SHELTER _____
6. **INCIDENT DESCRIPTION/UPDATE/COMMENTS:**

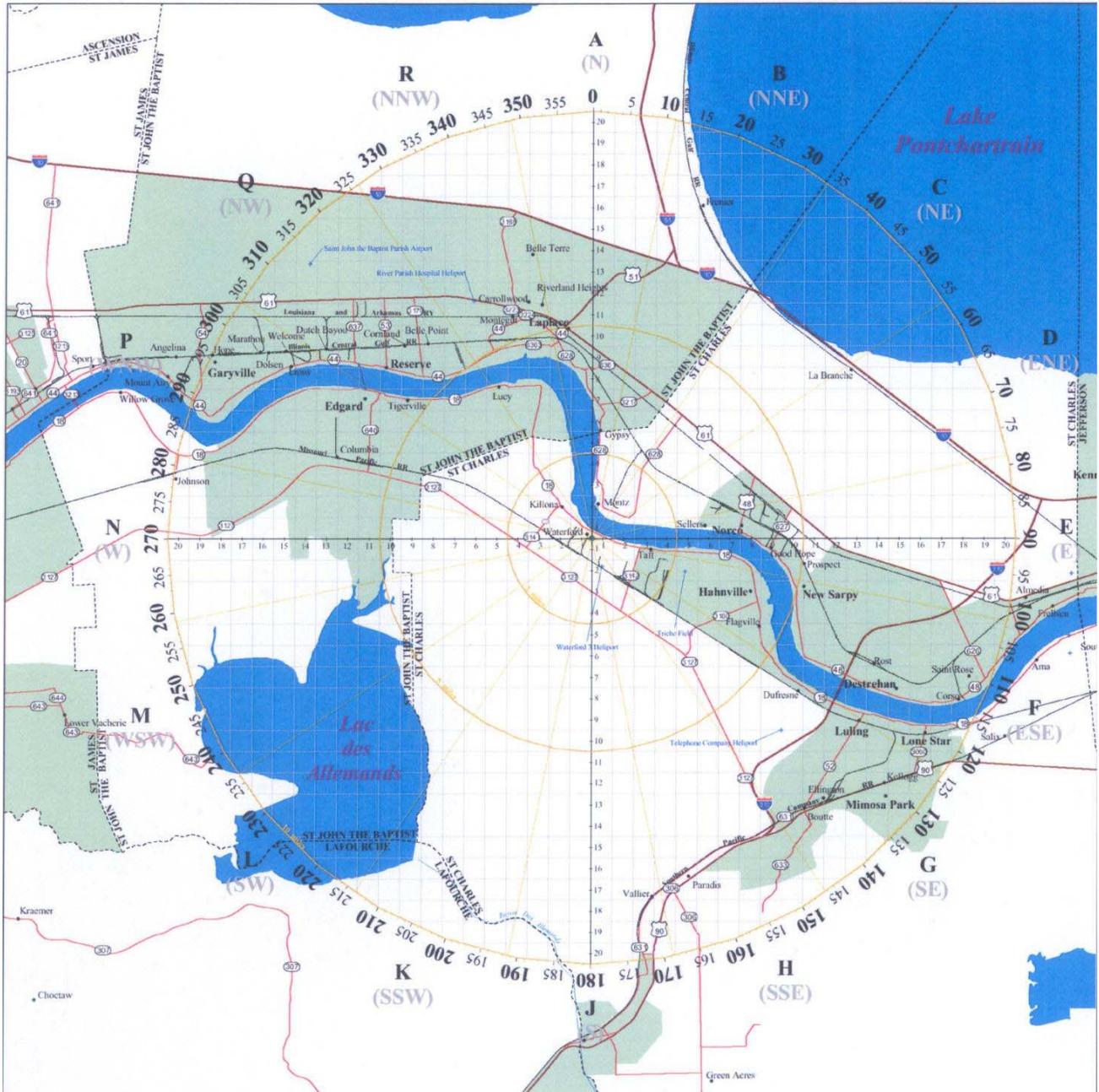
7. REACTOR SHUT DOWN? NO YES Time/Date: _____ / _____
8. **METEOROLOGICAL DATA:**
 A. Wind Direction FROM _____ Degrees at _____ MPH
 B. Sectors Affected (A-R): _____
 C. Stability Class (A-G): _____
 D. Precipitation: None Rain Sleet Snow Hail Other _____
9. **RELEASE INFORMATION:**
 A. No RELEASE (Go to Item 13)
 B. A RELEASE is occurring BELOW federally approved operating limits
 C. A RELEASE is occurring ABOVE federally approved operating limits
 D. A RELEASE OCCURRED BUT STOPPED
 E. Release started at _____ (time) Release stopped at _____ (time)
 Release duration _____ hrs. (actual or expected)
10. **TYPE OF RELEASE:**
 A. Radioactive Gases B. Radioactive Airborne Particulates C. Radioactive Liquids
11. **RELEASE RATE:**
 A. NOBLE GASES _____ Ci/s B. IODINES _____ Ci/s
12. **ESTIMATE OF PROJECTED OFFSITE DOSE:**
 A. Projections for _____ hours based on: Field Data Plant Data Default Data
 B. (TEDE) WB DOSE COMMITMENT (mRem)
 Site Boundary _____ 5 miles _____
 2 miles _____ 10 miles _____
 C. (CDE) THYROID DOSE COMMITMENT (mRem)
 Site Boundary _____ 5 miles _____
 2 miles _____ 10 miles _____
13. MESSAGE APPROVED BY: _____ TITLE: _____

APPENDIX B

Plume Exposure Pathway (10-mile) EPZ Maps

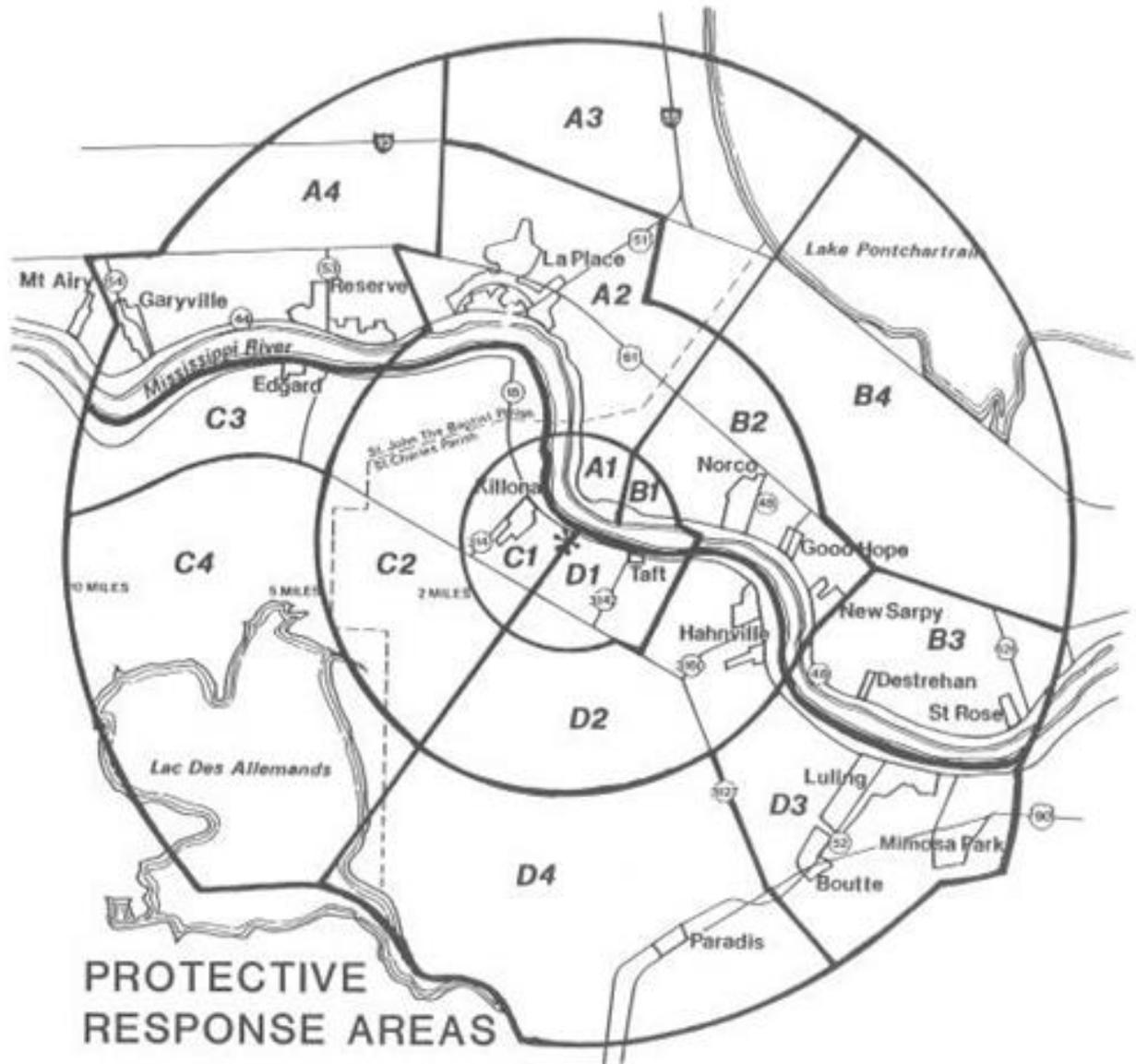
TAB A TO APPENDIX B

Plume Exposure Pathway (10-mile) EPZ Map



TAB B TO APPENDIX B

Protective Action Sections (PASs) Within the 10-mile EPZ for Waterford 3 Steam Electric Station



TAB C TO APPENDIX B

Permanent and Transient Populations within the 10-mile EPZ for Waterford 3 Steam Electric Station

Table 1: 2010 Permanent Resident Populations and Vehicles Within 10 miles of Waterford 3, by PAS

Figure 1: 2010 Resident Population Within 10 miles of Waterford 3, by Sector

Table 2: 2010 Transient Populations and Vehicles Within 10 miles of Waterford 3, by PAS

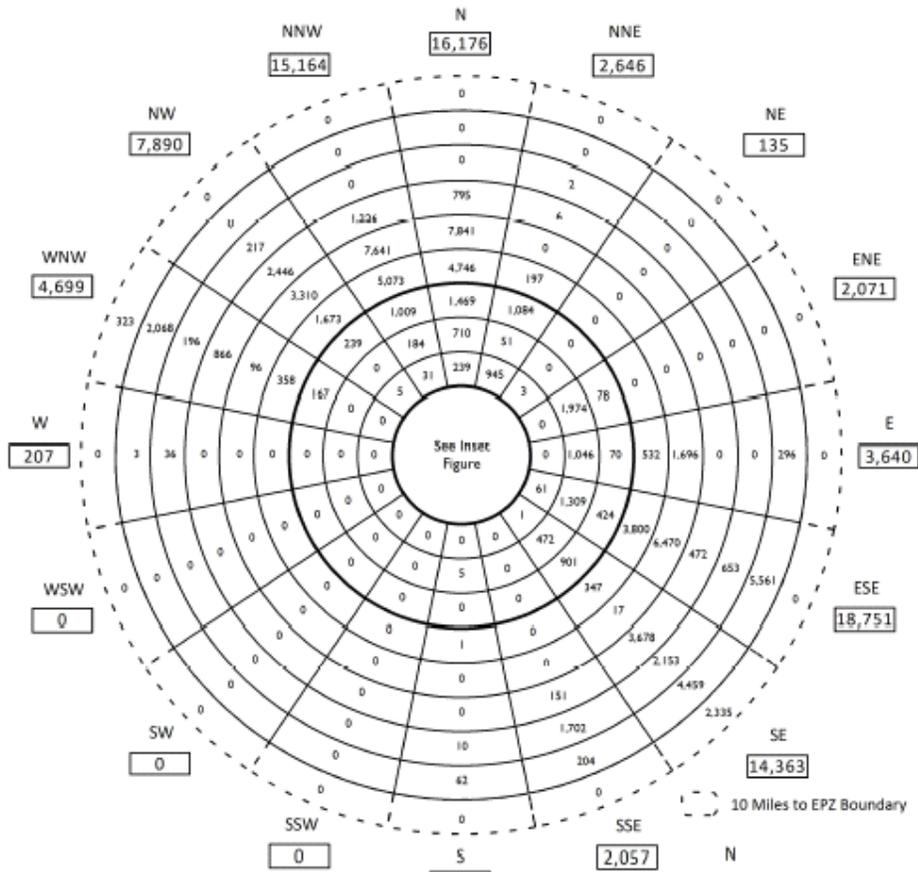
TABLE 1, TAB D TO APPENDIX B

2010 Permanent Resident Populations and Vehicles Within the 10 mile EPZ for Waterford 3 Steam Electric Station by Protective Action Section

PAS	2010 Population	2010 Resident Vehicles
A1	888	474
A2	30,167	16,090
A3	205	109
A4	12,398	6,616
B1	-	-
B2	4,518	2,419
B3	16,638	8,871
B4	-	-
C1	793	423
C2	803	430
C3	1,682	898
C4	-	-
D1	2	2
D2	3,083	1,650
D3	14,743	7,875
D4	1,957	1,044
TOTAL	87,877	46,901

FIGURE 1, TAB E TO APPENDIX B

**2010 Resident Populations Within the 10 mile EPZ for Waterford 3
Steam Electric Station by Sector**



Resident Population

Miles	Subtotal by Ring	Cumulative Total
0 - 1	406	406
1 - 2	1,276	1,682
2 - 3	1,285	2,967
3 - 4	5,751	8,718
4 - 5	5,441	14,159
5 - 6	16,727	30,886
6 - 7	27,071	57,957
7 - 8	9,640	67,597
8 - 9	4,969	72,566
9 - 10	12,653	85,219
10 - EPZ	2,658	87,877
Total:		87,877

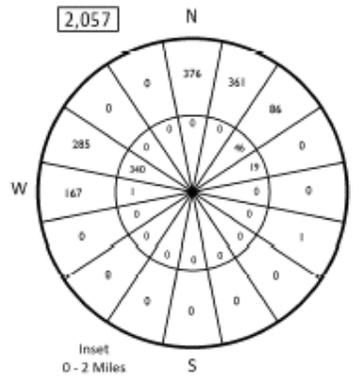


TABLE 2, TAB F TO APPENDIX B

**2010 Transient Populations and Vehicles Within the 10 mile EPZ for
Waterford 3 Steam Electric Station by Protective Action Section**

PAS	Transients	Transient Vehicles
A1	-	-
A2	1,948	720
A3	296	74
A4	-	-
B1	-	-
B2	-	-
B3	-	-
B4	-	-
C1	-	-
C2	-	-
C3	-	-
C4	-	-
D1	-	-
D2	-	-
D3	634	212
D4	-	-
TOTAL	2,878	1,006

APPENDIX C

Ingestion Exposure Pathway (50-mile) EPZ Map

MAP 1, TAB A TO APPENDIX C

Ingestion Exposure Pathway (50-mile) EPZ Map

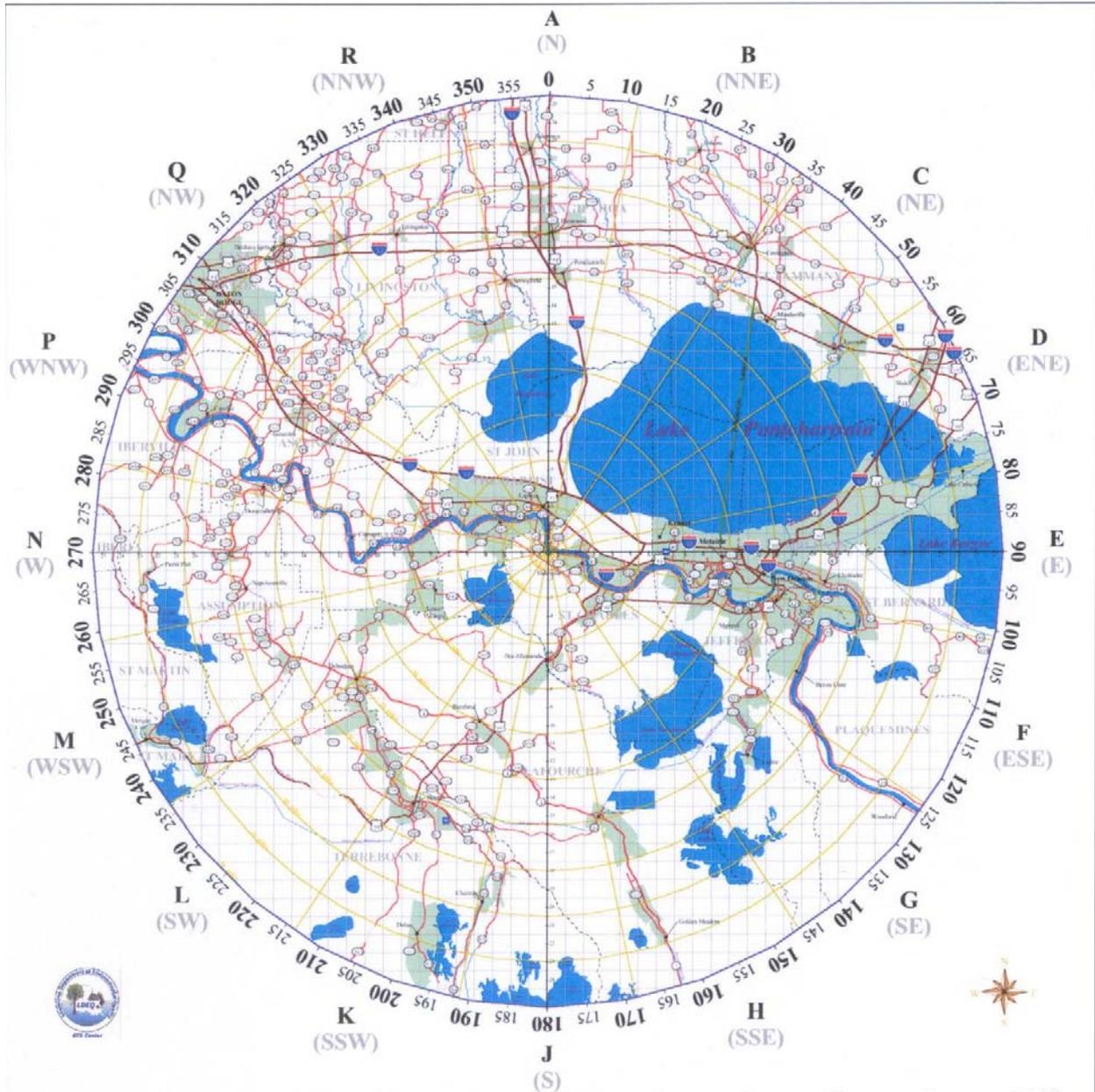
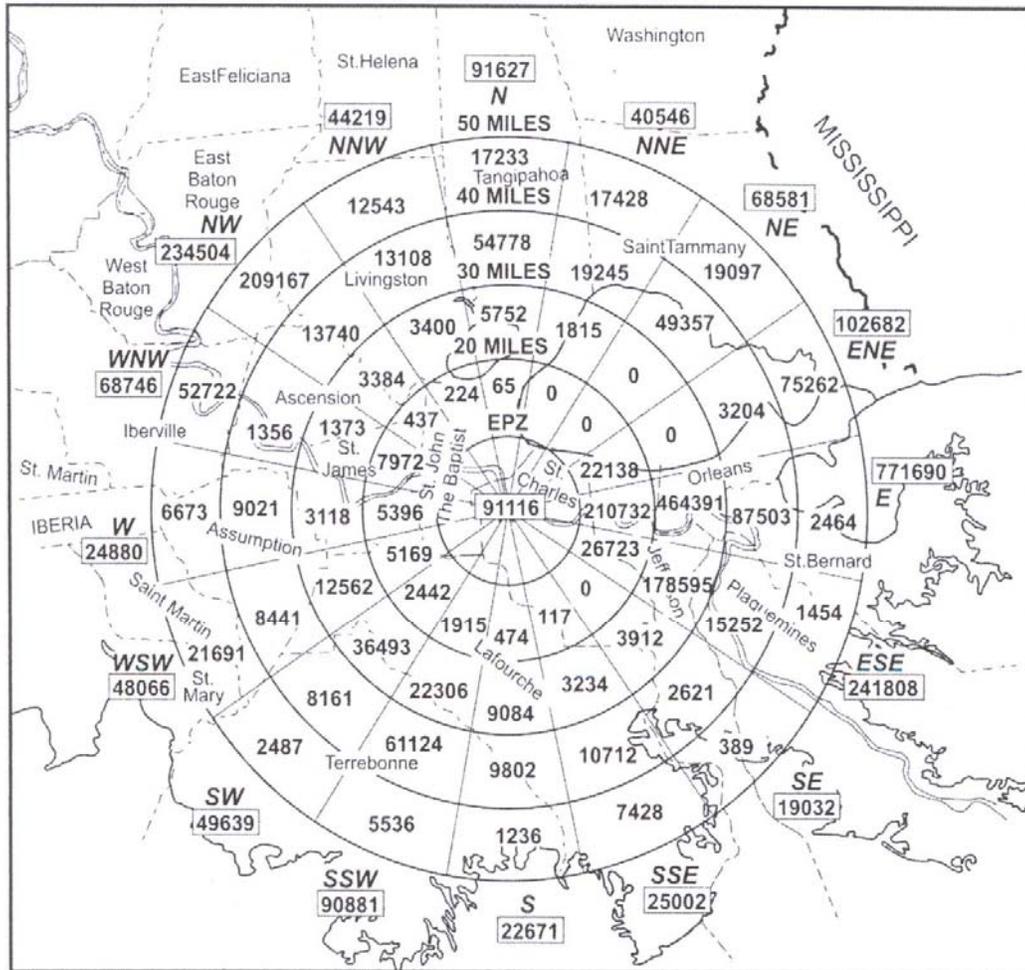


FIGURE 1, TAB B TO APPENDIX C

2000 Projected Resident Population Within the 50-mile EPZ for Waterford 3 Steam Electric Station*



1944574
 TOTAL SEGMENT POPULATION
 0 TO 50 MILES

POPULATION TOTALS

RING	RING POPULATION	CUMULATIVE POPULATION
0-10 (EPZ)	91116	91116
10-20	283804	374920
20-30	749419	1124339
30-40	367425	1491764
40-50	452810	1944574

* Waterford 3 SES Emergency Plan, Revision 39, Effective Date: March 31, 2010, "Figure 2-5, Permanent Residents Within 50 Mile EPZ"

APPENDIX D

Evacuation Time Estimate

TAB A TO APPENDIX D

Evacuation Scenario Definitions

Scenarios	Season ¹	Day of Week	Time of Day	Weather	Special
1	Summer	Midweek	Midday	Good	None
2	Summer	Midweek	Midday	Rain	None
3	Summer	Weekend	Midday	Good	None
4	Summer	Weekend	Midday	Rain	None
5	Summer	Midweek, Weekend	Evening	Good	None
6	Winter	Midweek	Midday	Good	None
7	Winter	Midweek	Midday	Rain	None
8	Winter	Weekend	Midday	Good	None
9	Winter	Weekend	Midday	Rain	None
10	Winter	Midweek, Weekend	Evening	Good	None
11	Winter	Weekend	Midday	Good	Alligator Festival
12	Summer	Midweek	Midday	Good	Roadway Impact - Lane Closure on US 61 EB

¹ Winter means that school is in session (also applies to spring and autumn). Summer means that school is not in session.

TAB B TO APPENDIX D

Evacuation Routes for the 10-mile EPZ for Waterford 3 Steam Electric Station



TABLE 1 TO APPENDIX D

Time to Clear the Indicated Area of 90 Percent of the Affected Populations *

Scenario:	Summer		Summer		Summer		Summer		Summer		Summer		Summer		Summer		
	Midweek		Weekend		Midweek		Weekend		Midweek		Weekend		Midweek		Weekend		
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)					
Region	Good Weather	Rain	Good Weather	Rain	Good Weather	Good Weather	Rain	Good Weather	Good Weather	Rain	Good Weather	Good Weather	Rain	Good Weather	Good Weather	Special Event	Roadway Impact
Entire 2-Mile Region, 5-Mile Region and EPZ																	
R01	1:50	1:50	1:45	1:45	1:45	1:45	1:50	1:45	1:45	1:45	1:45	1:45	1:45	1:45	1:45	1:45	1:50
R02	2:25	2:30	2:15	2:25	2:15	2:25	2:35	2:15	2:15	2:25	2:15	2:25	2:15	2:15	2:15	2:15	2:45
R03	3:05	3:20	2:55	3:20	2:35	3:10	3:25	2:55	2:55	3:15	2:40	3:20				3:00	3:20
2-Mile Region and Downwind to 5 Miles																	
R04	2:00	2:00	1:45	1:45	1:45	2:00	2:00	1:45	1:45	1:45	1:45	1:45	1:45	1:45	1:45	1:45	2:00
R05	2:05	2:05	1:45	1:45	1:45	2:05	2:05	1:45	1:45	1:45	1:45	1:45	1:45	1:45	1:45	1:45	2:05
R06	1:55	1:55	1:45	1:45	1:45	1:55	1:55	1:45	1:45	1:45	1:45	1:45	1:45	1:45	1:45	1:45	1:55
R07	2:30	2:30	2:20	2:25	2:15	2:25	2:35	2:15	2:15	2:25	2:15	2:25	2:15	2:15	2:15	2:15	2:30
R08	2:25	2:35	2:15	2:25	2:15	2:25	2:35	2:15	2:15	2:20	2:15	2:20	2:10	2:10	2:10	2:20	2:45
R09	2:15	2:15	2:10	2:10	2:05	2:10	2:15	2:10	2:10	2:10	2:10	2:10	2:10	2:10	2:10	2:10	3:05
2-Mile Region and Downwind to EPZ Boundary																	
R10	2:10	2:15	2:05	2:10	2:00	2:05	2:15	2:00	2:00	2:10	2:00	2:10	2:10	2:10	2:10	2:05	2:10
R11	2:10	2:15	2:05	2:10	2:00	2:05	2:15	2:00	2:00	2:10	2:00	2:10	2:10	2:10	2:05	2:05	2:10
R12	2:00	2:00	1:50	1:50	1:50	2:00	2:00	1:50	1:50	1:50	1:50	1:50	1:50	1:50	1:50	1:50	2:00
R13	2:15	2:20	2:10	2:15	2:00	2:15	2:25	2:10	2:10	2:15	2:10	2:15	2:15	2:10	2:10	2:10	2:15
R14	2:45	2:55	2:30	3:00	2:25	2:40	2:55	2:35	2:35	2:55	2:35	2:55	2:35	2:35	2:35	2:35	2:45
R15	2:40	2:55	2:35	3:00	2:25	2:40	3:00	2:35	2:35	2:55	2:35	2:55	2:35	2:35	2:35	2:35	2:50
R16	2:35	2:45	2:20	2:40	2:20	2:35	2:45	2:25	2:25	2:40	2:25	2:40	2:20	2:20	2:25	2:25	2:50
R17	2:35	2:45	2:30	2:40	2:25	2:35	2:50	2:35	2:35	2:40	2:25	2:40	2:25	2:25	2:30	2:30	3:25
R18	2:55	3:10	2:45	3:00	2:35	3:00	3:10	2:50	2:50	3:00	2:50	3:00	2:55	2:55	2:55	2:55	3:20
R19	3:05	3:20	2:55	3:10	2:40	3:00	3:20	2:55	2:55	3:05	2:55	3:05	2:55	2:55	3:10	3:10	3:25
R20	3:10	3:35	3:00	3:30	2:45	3:10	3:30	3:05	3:05	3:20	3:05	3:20	3:05	3:05	3:15	3:15	3:10

* Waterford 3 Steam Electric Station Evacuation Time Estimate KLD Engineering, P.C Rev 0, 2012

Scenario:	Summer		Summer		Summer		Winter		Winter		Winter		Winter				
	Midweek		Weekend		Midweek		Weekend		Midweek		Weekend		Weekend				
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	Midweek				
Region	Good Weather	Rain	Good Weather	Rain	Evening	Good Weather	Rain	Good Weather	Rain	Midday	Good Weather	Rain	Evening	Good Weather	Midday	Special Event	Roadway Impact
Staged Evacuation - 2-Mile Region and Keyhole to 5 Miles																	
R21	3:05	3:10	3:00	3:10	3:00	3:05	3:10	3:00	3:10	3:10	3:00	3:10	3:00	3:00	3:15	3:00	3:15
R22	2:20	2:20	2:15	2:20	2:20	2:20	2:20	2:20	2:20	2:20	2:15	2:20	2:20	2:20	2:20	2:15	2:20
R23	2:20	2:20	2:15	2:15	2:15	2:20	2:20	2:20	2:20	2:15	2:15	2:15	2:15	2:15	2:20	2:15	2:20
R24	2:00	2:00	2:00	2:00	2:00	2:00	2:00	2:00	2:00	2:00	2:00	2:00	2:00	2:00	2:00	2:00	2:00
R25	3:05	3:10	3:05	3:15	3:05	3:05	3:15	3:05	3:15	3:05	3:05	3:15	3:00	3:00	3:05	3:05	3:05
R26	3:05	3:10	3:05	3:10	3:00	3:05	3:10	3:05	3:15	3:05	3:05	3:15	3:00	3:00	3:05	3:05	3:15
R27	2:35	2:40	2:35	2:40	2:30	2:35	2:40	2:35	2:40	2:35	2:35	2:40	2:30	2:30	2:35	2:35	3:05

Scenario:	Summer		Summer		Summer		Winter		Winter		Winter		Winter		Summer		
	Midweek		Weekend		Midweek		Weekend		Midweek		Weekend		Midweek		Weekend		
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	Midweek	Weekend	Midweek	Weekend	
Region	Good Weather	Rain	Good Weather	Rain	Good Weather	Good Weather	Rain	Good Weather	Rain	Good Weather	Good Weather	Rain	Good Weather	Rain	Good Weather	Special Event	Roadway Impact
	Staged Evacuation - 2-Mile Region and Keyhole to 5 Miles																
R21	3:50	4:00	3:50	4:00	3:50	3:55	4:05	3:50	4:05	3:50	4:05	3:50	4:30	3:50	3:50	3:50	4:30
R22	3:50	3:50	3:50	3:50	3:50	3:50	3:50	3:50	3:50	3:50	3:50	3:50	3:50	3:50	3:50	3:50	3:50
R23	3:50	3:50	3:50	3:50	3:50	3:50	3:50	3:50	3:50	3:50	3:50	3:50	3:50	3:50	3:50	3:50	3:50
R24	3:50	3:50	3:50	3:50	3:50	3:50	3:50	3:50	3:50	3:50	3:50	3:50	3:50	3:50	3:50	3:50	3:50
R25	3:50	4:00	3:50	4:05	3:50	3:55	4:00	3:50	4:00	3:50	4:10	3:50	3:50	3:50	3:50	3:50	3:50
R26	3:50	4:00	3:50	4:05	3:50	3:50	4:05	3:50	4:05	3:50	4:05	3:50	4:30	3:50	3:50	3:50	4:30
R27	3:50	3:50	3:50	3:50	3:50	3:50	3:50	3:50	3:50	3:50	3:50	3:50	3:50	3:50	3:50	3:50	3:50

APPENDIX E

Radiological Sampling and Monitoring Locations

APPENDIX E

Radiological Sampling and Monitoring Locations

The State of Louisiana does not use pre-designated radiological sampling or monitoring locations.

APPENDIX F
Glossary of Terms

APPENDIX F

Glossary of Terms

1. **Access Control Point** - A pre-designated location manned by Parish Sheriff's Deputies, the State Police or by the National Guard in order to prevent entry into the risk area during an accident. These points will be located on or immediately beyond the perimeter of the risk area.
2. **Activated** – An Emergency Operation Center is considered activated as soon as notification of an incident is received and the Director makes the determination to activate the facility. The facility is not considered operational until it is ready to carry out full emergency operations with key decision makers in place.
3. **Central Resource Receiving Point** - A predetermined location outside the plume exposure pathway EPZ suitable for the reception and distribution of supplies and equipment.
4. **Committed Dose Equivalent (CDE)** – The total dose equivalent (averaged over a particular tissue) deposited over a time period following the intake of a radionuclide.
5. **Committed Effective Dose Equivalent (CEDE)** - The effective dose equivalent resulting from radionuclides in the body over a time period (approximately 50 to 70 years).
6. **Contaminated Injured** - A person who is contaminated and otherwise physically injured, or contaminated and exposed to dangerous levels of radiation, or a person who is exposed to dangerous levels of radiation.
7. **Decontamination** - Procedures taken to remove and contain radiological contamination on persons or contamination present on supplies, instruments, equipment or vehicles. These procedures will usually involve showering by persons and washing or disposing of clothing and other contaminated items.
8. **Decontamination Survey** - The process by which persons and vehicles are monitored to determine the presence and/or level of contamination. Such surveys will be performed with the use of a Geiger-Mueller survey meter (Geiger Counter), or similar device.
9. **Derived Intervention Levels** (ingestion phase) - The concentration derived from the intervention level of dose at which introduction of protective measures should be considered.
10. **Dose Equivalent** - The product of the absorbed dose in Rad, a quality factor related to the biological effectiveness of the radiation involved and any other modifying factor.
11. **Dose Rate** - The amount of radiation which an individual can potentially receive per unit of time.

12. **Dosimeter** - An instrument worn by an individual to measure the total dose of radiation received over a specified period of time.
13. **Effective Dose Equivalent (EDE)** - The sum of the products of the dose equivalent to an organ or tissue, and the weighing factor applicable to each of the body organs or tissues that are irradiated.
14. **Emergency** - Any condition existing outside the bounds of nuclear operating sites owned or licensed by a Federal agency, and further, any condition existing within or outside of the jurisdictional confines of a facility licensed or registered by the Louisiana Department of Environmental Quality (LDEQ) and arising from the presence of byproduct material, source material, special nuclear material, or any other radioactive material or source of radiation which is endangering or could reasonably be expected to endanger the health and safety of the public or to contaminate the environment.
15. **Emergency Medical Assistance Program (EMAP)** - A program developed by the individual fixed nuclear facilities, in coordination with State and risk Parish government and supporting hospitals, which provides the basis for handling on-site medical emergencies, whether or not the injured/ill persons are radioactively contaminated or irradiated.
16. **Emergency Operations Center (EOC)** - A facility used by State or local government to direct operations in the event of an emergency.
17. **Emergency Operations Facility (EOF)** - A licensee facility near the plant for the management of overall emergency response, the coordination of radiological assessment and for the management of recovery operations. The EOF is designed to provide assistance in the decision making process for the protection of public health and safety and to control radiological monitoring teams and facilities on-site and off-site.
18. **Emergency Planning Zone (EPZ)** - A generic area defined about a nuclear facility to facilitate off-site emergency planning and develop a significant response base. It is defined for the plume and ingestion exposure pathways.
19. **Emergency Workers** - Persons acting in an official capacity to carry out functions and responsibilities inside the plume exposure pathway EPZ during an accident. As such, these individuals are under different criteria for protection than the general public.
20. **Field Monitoring Team (FMT)** - A team of personnel dispatched to the plume or ingestion exposure pathway EPZ at the time of an accident to perform radiological environmental sampling and surveys.
21. **Fixed Nuclear Facility Accident** (hereinafter called an "accident") - An accident at a fixed nuclear facility that can be categorized in one of the following four emergency classes:
 - a. **Notification of Unusual Event** - Unusual events are in process or have occurred which indicate a potential degradation of the level of safety of the

plant or indicate a security threat to facility protection. No releases of radioactive material requiring off-site response or monitoring are expected unless further degradation of safety systems occurs

- b. **Alert** - Events are in process or have occurred which involve an actual or potential substantial degradation, of the level of safety of the plant or a security event that involves probable life threatening risk to site personnel or damage to site equipment because of intentional malicious dedicated efforts of a hostile act. Any releases are expected to be limited to small fractions of the EPA Protective Action Guideline exposure levels.
 - c. **Site Area Emergency** - Events are in process or have occurred which involve an actual or likely major failures of plant functions needed for protection of the public or security events that result in intentional damage or malicious acts; (1) toward site personnel or equipment that could lead to the likely failure of or; (2) prevents effective access to equipment needed for the protection of the public. Any releases are not expected to result in exposure levels which exceed EPA Protective Action Guideline exposure levels beyond the site boundary.
 - d. **General Emergency** - Events are in process or have occurred which involve actual or imminent substantial core degradation or melting with potential for loss of containment integrity or security events that result in an actual loss of physical control of the facility. Releases can be reasonably expected to exceed EPA Protective Action Guideline exposure levels off-site for more than the immediate site area.
22. **Hostile Action** - An act toward a nuclear power plant or its personnel that includes the use of violent force to destroy equipment, take hostages, and/or intimidate the licensee to achieve an end. This includes attack by air, land, or water using guns, explosives, projectiles, vehicles, or other devices used to deliver destructive force.
23. **Ingestion Exposure Pathway** - The process by which people are indirectly exposed to radiological contamination. The principal exposure from this pathway would be from ingestion of contaminated water or foods such as milk or fresh vegetables. The duration of principal exposures could range in length from hours to months. The EPZ for this pathway consists of an area of about 50 miles in radius around a **fixed nuclear facility**.
24. **Ionizing Radiation** – Short wavelength high frequency radiation that has the ability to energize and strip electrons from atoms or molecules creating an ion. Examples are alpha particles, beta particles, neutrons, and high frequency ultraviolet light, x-rays, and gamma rays.
25. **Licensee** - Holder of or applicant for a license to operate a fixed nuclear power facility.
26. **Local Government** - The legal governing body of any Parish, municipality or subdivision of the State. For the purposes of this Plan, the term "local" will refer to offices or agencies of Parish government and any organization functioning within

the Parish and having an emergency response role.

27. **Main Evacuation Routes** - Those roadways identified in advance in State and risk Parish plans as the principal routes leading from the plume exposure pathway EPZ for use by vehicles in the event of an accident requiring evacuation.
28. **Mode of Discharge** - Any of several types of radioactive releases which principally consists of a discharge of radioactivity to the ground surface, surface water, the atmosphere or any combination thereof.
29. **National Response Framework (NRF)** - The *National Response Framework* is a guide to how the Nation conducts all-hazards response – from the smallest incident to the largest catastrophe. This key document establishes a comprehensive, national, all-hazards approach to domestic incident response. The *Framework* identifies the key response principles, roles and structures that organize national response. It describes how communities, States, the Federal Government and private-sector and nongovernmental partners apply these principles for a coordinated, effective national response. And, it describes special circumstances where the Federal Government exercises a larger role, including incidents where Federal interests are involved and catastrophic incidents where a State would require significant support. It allows first responders, decision-makers and supporting entities to provide a unified national response
30. **Operational** – An emergency facility (e.g., Joint Information Center, EOC, Laboratory) is considered operational when all key decision makers are at their duty stations and capable of performing all emergency function assigned to that facility.
31. **Pick-up Point(s)** – Pre-designated location(s) at which members of the general public without automobiles or other means of transportation will be provided (where applicable) with transportation out of the plume exposure pathway EPZ.
32. **Plume Exposure Pathway** - The process by which people are directly exposed to radiation. The principal exposures from this pathway would be whole body external exposure to gamma radiation from the plume and deposited materials, and inhalation exposure from the passing plume. The duration of principal exposures could range in length from hours to days. The EPZ for this pathway consists of an area of about 10 miles in radius around a fixed nuclear facility.
33. **Potassium Iodide (KI)** - A radioprotective drug which if administered properly, can saturate the thyroid with stable iodine and therefore reduce further uptake of radioactive iodine if radioiodines are inhaled. The usefulness of this drug is limited to protecting the thyroid and affords no protection against external gamma whole body exposure.
34. **Precautionary Action** (ingestion phase) - The action taken, prior to confirmation of contamination, to avoid or reduce the potential for contamination of food and animal feed.
35. **Projected Dose** - The calculated or estimated dose to an individual or populace from exposure to the plume and/or deposited materials, over a period of time, in

the absence of protective action.

36. **Protective Action** (plume phase) - A specific action which may be taken to minimize or eliminate a hazard to the health and safety of people within a risk area. Protective actions identified in this plan are access control, sheltering, evacuation and respiratory protection, thyroid protection, which may be implemented individually or in combination.
37. **Protective Action** (ingestion phase) - The action taken to limit the radiation dose from ingestion by avoiding or reducing the contamination in or on human food and animal feeds.
38. **Protective Action Areas (PAA)** – Terminology used by the State of Mississippi in lieu of “Protective Action Section.” See “Protective Action Section (PAS).”
39. **Protective Action Decision (PAD)** – A chosen directive and implementation of that directive based upon Protective Action Recommendations to avoid or reduce exposure from radiation.
40. **Protective Action Guide (PAG)** - Projected radiological dose or dose commitment values to individuals in the general population which warrant taking protective action.
41. **Protective Action Recommendation (PAR)** – Advice given to the implementing agencies (e.g., local government) on emergency measures it should consider when determining action for the public to take to avoid or reduce exposure from radiation.
42. **Protective Action Section (PAS)** - An area within the plume exposure pathway EPZ where the implementation of protective action or actions may be deemed necessary at the time of an accident. See also “Protective Action Section (PAS).”
43. **Protective Response** - The implementation of a protective action or combination of protective actions by governmental agencies at the time of an accident to eliminate or reduce radiation exposure to the public.
44. **Radiation** - Any form of energy propagated as rays, waves, or streams of energetic particles that travel through space or a material medium. Ionizing radiation is of particular concern as it has the ability to damage human cells.
45. **Radiation Dose** - The quantity of radiation energy imparted to the body or any portion of the body without regard for the type of radiation.
46. **Radiological Monitoring Point** - A pre-designated location at which radiological data is gathered through automatic or manual environmental sampling.
47. **Radioprotective Drugs** - Compounds containing stable iodine in sufficient quantities to saturate the thyroid, thereby blocking partially or wholly the absorption, and increasing the elimination, of radioiodines by the human body.
48. **Reception Center** - A pre-designated site outside the plume exposure pathway EPZ at which evacuees will be registered, monitored for contamination, decontaminated if necessary, and directed to shelters or appropriate medical

facilities as appropriate.

49. **Recovery** – The process of reducing radiation exposure rates and concentrations of radioactive material in the environment to acceptable levels for return by the general public for unconditional occupancy or use after the emergency phase of a radiation emergency.
50. **Reentry** – The temporary return of emergency workers or essential individuals into a restricted zone under controlled conditions.
51. **Relocation** – The removal or continued exclusion of people from contaminated areas to avoid chronic radiation exposure. Relocation may take place both inside and outside the 10-mile EPZ.
52. **Respiratory Protection** - Those actions taken at the time of an accident intended to minimize the inhalation of airborne contamination.
53. **Restricted Area** – An area in which evacuation has been completed and entry into this area is prohibited until the area is determined to be safe to return.
54. **Return** – The reoccupation of areas cleared for unrestricted residence or use.
55. **Risk Parish** - A Parish located partially or wholly within the plume exposure pathway EPZ of a fixed nuclear facility.
56. **Shelter** - A facility established outside the plume exposure pathway EPZ at the time of an accident for the purpose of providing food, shelter and medical care on a short or long-term basis for persons evacuating the risk area.
57. **Sheltering** - Action taken by the public to protect against radiological exposure which includes remaining indoors, closing doors and windows and decreasing building ventilation during and following the passage of a radioactive plume.
58. **Support Parish** - Generally, a parish outside the plume exposure pathway EPZ of a fixed nuclear facility that, through prior agreement, will provide resource support to a risk Parish in the event of an accident. East Baton Rouge Parish serves primarily as a support parish even though partially included within the River Bend Station plume exposure pathway EPZ.
59. **Total Effective Dose Equivalent (TEDE)** - The sum of the effective dose equivalent from external radiation while immersed in the plume and the Effective Dose Equivalent from four days exposure to deposition, and the Committed Effective Dose Equivalent from inhalation of the material in the plume.
60. **Traffic Control Point** – Pre-designated locations established on a main evacuation route to be manned by emergency workers. These locations will be manned for the purpose of controlling traffic flow during an accident requiring evacuation of all or a portion of the plume exposure pathway EPZ.

APPENDIX G
Reference Documents

APPENDIX G

Reference Documents

1. U.S. Nuclear Regulatory Commission and the Federal Emergency Management Agency
 - a. "Criteria for Preparation and Evaluation of Radiological Emergency Response Plans and Preparedness in Support of Nuclear Power Plants," NUREG 0654, FEMA REP-1, Rev. 1, November 1980
 - b. NUREG-0654/FEMA-REP-1 Addenda, March 2002
2. Code of Federal Regulations, Title 10, Parts 50 and 70
3. Code of Federal Regulations, Title 44, Parts 350 and 351
4. "Emergency Operations Plan"
 - a. St. Charles Parish
 - b. St. John the Baptist Parish
5. Waterford 3 Electric Steam Station Evacuation Time Estimate, KLD Engineering, P.C. Rev. 0, 2012
6. "Final Safety Analysis Report, Site Characteristics," Waterford Steam Electric Station, Unit No. 3, Taft,
7. Louisiana Emergency Operations Plan
8. Louisiana Peacetime Radiological Response Plan.
9. "Manual of Protection Action Guides and Protective Actions for Nuclear Incidents," EPA 400-R-92-001 May 1992, as revised
10. Preparedness and Response in Radiation Accidents, (FDA 83-8211).

APPENDIX H
Letters of Agreement

APPENDIX H

Letters of Agreement*

1. Reception and Care
 - a. Lafourche Parish School Board
 - b. Tangipahoa Parish School Board
 - c. City of Kenner
2. Emergency Broadcast
 - a. WWL AM 870/WLMG FM 101.9
3. Emergency Transportation
 - a. St. James Parish
 - b. St. James Parish School Board
 - c. Plaquemines Parish School Board
 - d. Tangipahoa Parish School Board
 - e. Air Logistics
 - f. MYU Helicopters
 - g. Panther Helicopters, Inc.
4. Emergency Medical
 - a. West Jefferson Medical Center
 - b. Ochsner Medical Center
 - c. St. Charles Parish Hospital
 - d. St. Charles Parish EMS
5. Other
 - a. Lafourche Fire Protection District No. 1 (decon)
 - b. Kenner Fire Department (decon)
 - c. Gramercy Volunteer Fire Department (decon)
 - d. River and Bayou Parishes Mutual Aid & Assistance Task Force
 - i. Assumption Parish Sheriff's Office
 - ii. Assumption Parish, OEP
 - iii. Lafourche Parish Sheriff's Office

- iv. Lafourche Parish, OEP
- v. St. Charles Parish Sheriff's Office
- vi. St. Charles Parish, OEP
- vii. St. James Parish Sheriff's Office
- viii. St. James Parish, OEP
- ix. St. John the Baptist Parish Sheriff's Office
- x. St. John the Baptist Parish, OEP
- xi. Terrebonne Parish Sheriff's Office
- xii. Terrebonne Parish, OEP
- xiii. Louisiana State Police, Troop B

***LDEQ will maintain a copy of the Letters of Agreement.**

APPENDIX I

Hostile Action Based Plan

Security-Related Information – Withhold Under 10 CFR 2.390

**ENCLOSURE I
TO ATTACHMENT 1**

**ST. CHARLES PARISH
RADIOLOGICAL EMERGENCY RESPONSE PLAN**

ENCLOSURE I ST. CHARLES PARISH

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A. Introduction

This Enclosure together with the General Plan of Attachment 1, Louisiana Peacetime Radiological Response Plan, constitutes the entire document to guide the direction and control of local government responses to an emergency situation at Waterford 3 Steam Electric Station. This Enclosure addresses preparedness criteria and planning elements specific for St. Charles Parish. It outlines the direction and control, the responsibilities for the performance of Parish emergency operations and support activities, the means for timely warning and protective actions as needed for citizens threatened by a release of radioactive material, and the means of integrating the actions of local government with those of the other parishes, the State of Louisiana, and Waterford 3.

Although the construction of nuclear power facilities provides substantial safeguards against the occurrence of radiological emergencies, this Enclosure provides an additional level of safety to ensure protection of the public through a coordinated emergency response by local government.

B. Authority

Authority for the development and implementation of this Enclosure is consistent with and pursuant to the provisions of St. Charles Parish Civil Defense Ordinance 262, dated August 12, 1953.

C. Direction and Control

St. Charles Parish, when affected by an emergency at Waterford 3 Steam Electric Station, is responsible for initial radiological emergency response operations within its jurisdiction. The Parish will coordinate such actions through the St. Charles Parish Department of Homeland Security and Emergency Preparedness and its Emergency Preparedness Director. The Emergency Preparedness Director will provide the necessary direction and control to initiate actions and conduct emergency operations required to protect the population of St. Charles Parish from an emergency at Waterford 3 Steam Electric Station. In his absence, responsibility will be delegated according to Parish procedures for continuity of Parish government. The Emergency Operations Center (EOC) for St. Charles Parish is located in the basement of the courthouse. The EOC contains an emergency communications center and provides adequate space for staff and equipment such as tables, telephones, and status boards. Generally, staff assignments to the EOC may include representatives of the following:

1. Operations Staff
 - a. Parish President
 - b. Homeland Security and Emergency Preparedness Director
 - c. Parish Sheriff
 - d. Homeland Security and Emergency Preparedness Senior Coordinator

- e. EOC Coordinator
 - f. Public Information Officer
 - g. Law Enforcement Services Officer
 - h. Radiological Officer
 - i. Transportation Officer
 - j. School Services Officer
 - k. Health/Medical Officer
 - l. Fire Services Officer
 - m. Public Works Officer
 - n. State Police Representative
 - o. Technical Advisor (W-3)
2. Resource Staff
- a. Council on Aging Director
 - b. Health Unit Director
 - c. Parks and Recreation Department Director
 - d. Resource Officer
 - e. American Red Cross Representative
 - f. USDA Parish Emergency Board Chairperson
 - g. Emergency Coordinator

State agency support and technical analysis will be provided through the Louisiana Department of Environmental Quality (LDEQ) and the Governor's Office of Homeland Security and Emergency Preparedness (GOHSEP). The LDEQ will be responsible for offsite radiological monitoring and analysis and protective action recommendations. The GOHSEP will coordinate all state resources through the appropriate state agencies. In the event the emergency situation is beyond local control and response capabilities, the Governor may issue a "Declaration of Emergency," whereby any or all emergency operations would then be under the direction of the Governor.

D. Organization and Responsibilities

Local organizations with emergency responsibilities are identified in the following sections. Each organization is responsible for assuring continuity of resources to support emergency operations for a protracted period. Each organization or sub-organization having an operations role is responsible for maintaining its own Emergency Implementing Procedures (EIP) which describe detailed emergency actions to be performed.

The relationships between the local organizations are graphically depicted in Figure D-1. As shown, local organizations are coordinated by the Parish Emergency Preparedness Director with the exception of the Parish Health Unit and Louisiana Department of Children and Family Services, which are coordinated by the State Department of Health and Hospitals; however, the Emergency Preparedness Director may provide limited coordination, if required by the circumstances at the time of the emergency, with the approval of the State Department of Health and Hospitals. The primary and support responsibilities of the local organizations for key emergency functions are specified in the Emergency Function and Responsibility Matrix shown in Figure D-2.

1. Local Government

a. Parish President

The St. Charles Parish President has the following responsibilities.

- i. The safety and well being of persons in the Parish.
- ii. Maintenance and implementation of the St. Charles Parish Radiological Emergency Response Plan through the Parish Emergency Preparedness Department for response to an accident at Waterford 3 Steam Electric Station.
- iii. Initiating actions and providing direction and control at the local level.
- iv. Conducting emergency operations through the Emergency Preparedness Director.
- v. Through the advice of LDEQ, authorizing emergency workers to incur exposure in excess of general public PAGs.
- vi. Management of resources and facilities within the parish.
- vii. Liaison to state agencies, military, and industry.
- viii. Designating a chief spokesperson and approving official news releases for the Parish.

b. The Parish Attorney is responsible for:

- i. Providing legal advice and counsel to the Emergency Preparedness Director in the interpretation of Parish, State, and Federal law relating to disaster preparedness under a given circumstance.
 - ii. Ensuring legality of any and all emergency laws and ordinances passed by the Parish Council.
 - iii. Providing an emergency representative to the Parish EOC, as requested, during an emergency.
- c. St. Charles Parish Homeland Security and Emergency Preparedness

The Emergency Preparedness Department, under the direction of the Emergency Preparedness Director, is responsible for the development and maintenance of procedures to implement his plan.

- i. The Emergency Preparedness Director is responsible for:
 - 1) Acting as the Chief of Staff for the Parish President and directing and coordinating Parish emergency response to an accident at Waterford 3 Steam Electric Station.
 - 2) Serving as the liaison between the Parish President and emergency response forces.
 - 3) Supervising the development and maintenance of plans and procedures for Parish response to an accident at Waterford 3 Steam Electric Station, including quarterly verification and update of emergency implementing procedures telephone numbers, and an annual review and update of emergency implementing procedures.
 - 4) Supervising the development and implementation of training and public information and education programs within the Parish.
 - 5) Maintaining an adequate supply of radiation monitoring equipment through a program of equipment inspection, inventory, and operational checks.
 - 6) Maintaining an adequate supply of KI and ensuring the KI is stored at room temperature.
 - 7) Developing and maintaining contracts and agreements necessary to implement the Parish radiological emergency response plan.

- 8) Ensuring the coordination of special facility (e.g., schools, nursing homes, jails, and industry) emergency procedures and protective actions with Parish plans in response to an accident at Waterford 3 Steam Electric Station.
 - 9) Ensuring notification and coordination of all local agencies supporting emergency operations, as required, including the coordination with GOHSEP for activation and use of appropriate reception centers and shelters should an evacuation be necessary.
 - 10) Coordinating overall emergency operations to protect life and property at the local level.
 - 11) Coordinating with GOHSEP and LDEQ in supporting emergency operations at the local level.
 - 12) Activating the public alert system, ensuring warning and notification of persons within the 10-mile EPZ, as necessary. For more information, see the St. Charles Parish Emergency Plan Implementing Procedure: Emergency Operations Center – Attachment 8: Public Alert.
 - 13) Maintaining adequate communications to conduct and coordinate local emergency operations.
 - 14) Coordinating with the Public Information Officer to disseminate public information.
 - 15) Appointing a Public Information Office, Radiological Officer, Coordinator, Emergency Coordinator, and Health/Medical Officer.
- ii. The Public Information Officer is responsible for:
- 1) Participating in the Parish-level program aimed at educating the public on response to an accident at Waterford 3 Steam Electric Station.
 - 2) Providing liaison with news media organizations prior to and during an emergency.
 - 3) Assisting in preparation of news releases.
 - 4) Providing information to the Joint Information Center.
- iii. The Radiological Officer is responsible for:

- 1) Establishing arrangements for the surveying and decontamination of emergency personnel and vehicles, and coordinating this effort with LDEQ.
 - 2) Distribution of dosimetry devices to emergency personnel and maintenance of related records.
 - 3) Ensuring that emergency personnel in the field are informed of radiological conditions and necessary protective actions, as necessary.
 - 4) Maintaining an inventory of radiological equipment within the parish.
 - 5) Gathering radiological information and keeping records on the radiological response efforts.
 - 6) Distribution of potassium iodide to emergency personnel and maintenance of related records.
- iv. The Coordinator and Emergency Coordinator are responsible for:
- 1) Ensuring the maintenance and availability of communication equipment and all call lists necessary to provide alert/notification and communications support in an emergency.
 - 2) Initiating the communication of the alert/notification message to emergency response organizations.
 - 3) Establishing and maintaining a communications system capable of linking the St. Charles Parish EOC with Waterford 3 Steam Electric Station, state response agencies, parish emergency response agencies, and with St. John the Baptist Parish.
 - 4) Recruiting and training radio operators and telephone attendants.
- v. Health/Medical Officer
- Health/Medical Officer, under the direction of the Director, is responsible for:
- 1) Providing rescue and emergency medical services, including the transportation of victims of radiological incidents.
 - 2) Providing transportation support for non-ambulatory evacuees.
 - 3) Coordinating with hospitals from adjacent jurisdictions.

- 4) Coordinating with the Parish Health Unit and local medical practitioners.
- 5) Providing medical services assistance to other W3P, as needed.
- 6) Maintaining communications with the Parish Sheriff's Office.

d. Sheriff's Office

The Sheriff's Office is the lead law enforcement and traffic control agency within St. Charles Parish and has overall control of all safety operations within the parish.

- i. The Sheriff, as the Chief Law Enforcement Officer, will be responsible for:
- ii. Managing the evacuation of portions of the Parish within the 10-mile EPZ.
- iii. Direction and control of traffic within the Parish.
- iv. Direction and control of traffic coming from other W3P in transit to reception centers in nearby support parishes.
- v. Preservation of law and order.
- vi. Instituting access control and area security.
- vii. Assisting in performing search and rescue work, as required.
- viii. Assisting in warning residents and transients, as required.
- ix. Providing assistance to, and liaison with outside law enforcement agencies, as required.
- x. Coordination with local and state law enforcement agencies to provide emergency support operations.
- xi. Emergency communications support.
- xii. Providing a representative to the parish EOC, as requested, during an emergency.
- xiii. Providing protective measures for Parish Correctional Center inmates.

e. Volunteer Fire Departments

The Volunteer Fire Departments within St. Charles Parish support Emergency Preparedness by providing technical assistance, manpower, and equipment to aid disaster victims within the Parish. Under the direction of the respective Chiefs, the Volunteer Fire Departments are responsible for:

- i. Providing fire and rescue aid.
- ii. Assisting in warning and notification of the public within the EPZ, if needed.
- iii. Providing a representative to the EOC, as requested, during an accident.

f. School Board

The Parish School Board, under the direction of the Superintendent, is responsible for:

- i. Providing school buses and drivers for evacuation of students and school personnel from schools in portions of the Parish within the 10-mile EPZ.
- ii. Providing transportation for assisting evacuation of residents and transients from the affected areas.
- iii. Establishing arrangements for the care of school students at reception centers or host schools until students are picked-up by parents.
- iv. Maintaining communications with the Parish EOC on operations and support needs and coordinating with other agencies on support services.
- v. Providing an emergency representative to the Parish EOC, as requested, during an accident.

g. St. Charles Parish Public Works Department

The St. Charles Parish Public Works Department, under the direction of the Director, is responsible for:

- i. Assisting in traffic control and re-entry/recovery operations by providing signs and barriers.
- ii. Coordinating resources available to the Parish.
- iii. Providing highway maintenance and clearing impediments to allow road passage.
- iv. Coordinating with the State Department of Transportation and Development and Office of Highways personnel for additional assistance as required.
- v. Providing an emergency representative to the Parish EOC, as requested, during an accident.

2. Parish-Level State Support Agencies

a. Health Unit (DHH)

In conjunction with the State Department of Health and Hospitals, the Parish Health Unit is responsible for:

- i. Assisting in the coordination of required medical services.
- ii. Assisting with expedient acquisition of radio-protective drugs (i.e., KI) and for their use by emergency works and institutionalized persons, if required.
- iii. Assisting in collection of water and milk samples, and transportation of such samples for laboratory analysis.
- iv. Maintaining communications with the Parish EOC on operations and support needs and coordinate with other agencies on support services as needed.
- v. Providing an emergency representative to the Parish EOC, as requested, during an emergency.
- vi. In coordination with the FDA, provide for the collection of water, milk, sewage, and food samples from food processing plants, and for the transportation of such samples for laboratory analysis, during a radiological emergency.
- vii. In coordination with the Department of Agriculture and Forestry, USDA, and LDEQ, when requested, provide guidance and advice on identifying storing and disposing of contaminated agricultural products.
- viii. In coordination with the FDA, provide guidance for the diversion or destruction of radiologically contaminated food, crops, and milk during an accident.
- ix. Provide for the inspection of shelter facilities to ensure that adequate sanitary, water, and food service is available for the number of people assigned.
- x. Provide guidance and advice to water purification facilities of an accident and advice on the appropriate protective action.
- xi. Support the relocation of hospital patients from hospitals within the risk areas to identified support hospitals, during an accident.
- xii. Assist in the provision of mass emergency medical transportation resources to be used for the relocation of hospital patient during an accident.
- xiii. Support risk health care facilities and risk Parishes with identification and coordination of medical resources.

b. Parish Extension Service

The St. Charles Parish Extension Service, under the direction of the County Agent, in cooperation with the State

Department of Agriculture and Forestry and USDA, is responsible for:

- i. Providing general assistance and coordination with USDA federal disaster assistance programs to include crop loss, livestock feed, and other emergency measures as applicable.
- ii. Disseminating agricultural advisories to affected Parish farmers and other agribusinesses during an accident at Waterford 3 Steam Electric Station.
- iii. Assessing damage to Parish crops and livestock in the event of an emergency.

c. Louisiana Department of Children and Family Services

- i. Registration of evacuees at reception centers and shelters.
- ii. Coordinating emergency shelter, feeding and clothing, and social services for displaced persons, as necessary, with the American Red Cross.
- iii. Providing assistance to area hospitals, nursing homes, and OHSEP personnel, as requested, for social services, special care arrangements and transportation assistance.
- iv. Providing a representative to the EOC, as requested, during an accident.
- v. Liaison between the Parish EOC and support parish reception centers and shelters.
- vi. Establishing a Parish evacuee locator service in coordination with support parish reception centers during an emergency.

d. State Police (Troop B)

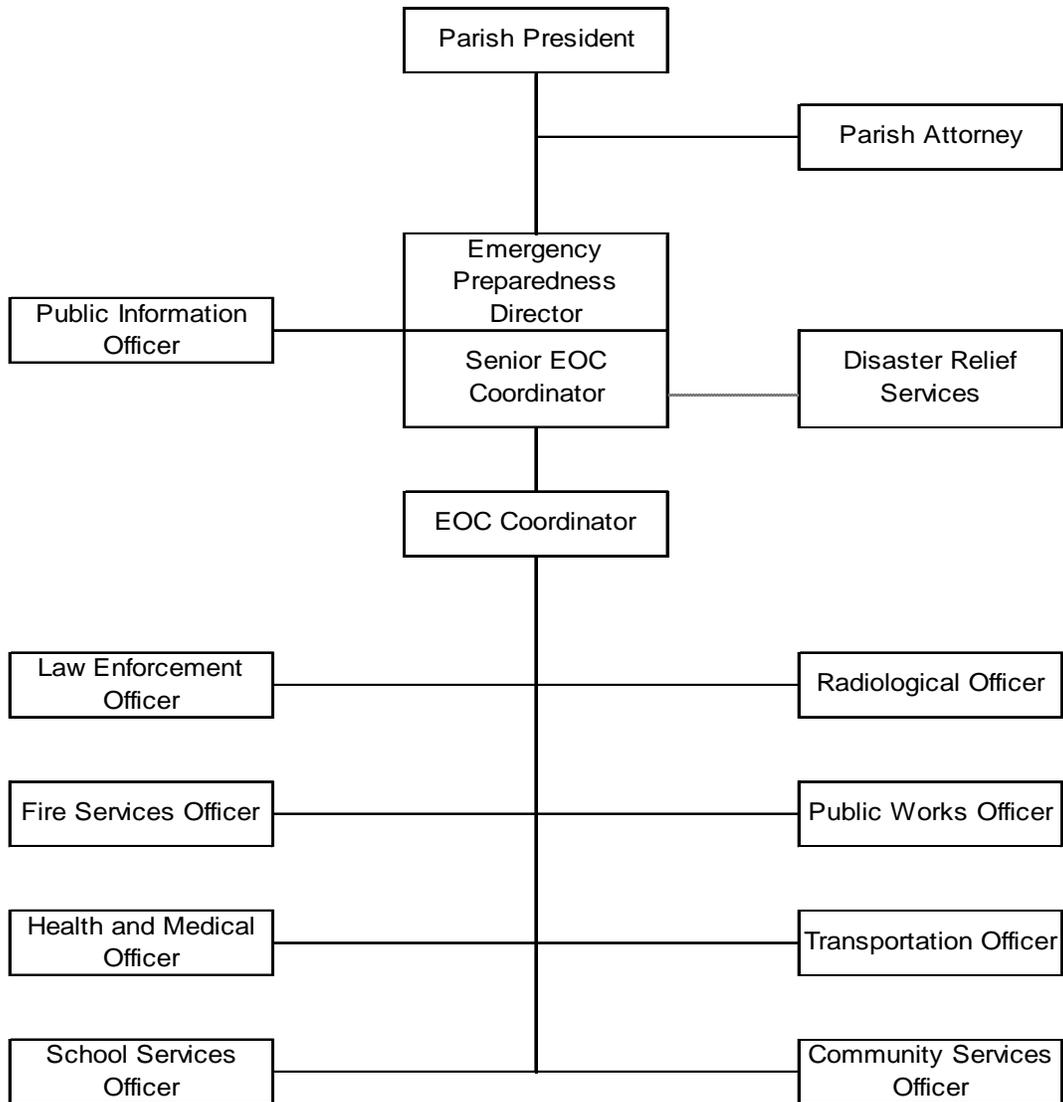
In conjunction with the State Department of Public Safety and Corrections, the State Police will be responsible for the following:

- i. In coordination with the Sheriff, assisting in traffic control operations during an evacuation, particularly on State or Federal highways. In coordination with the Sheriff, assist in establishing access control to affected areas.
- ii. In coordination with the Sheriff, assist in security and law enforcement support for affected areas.
- iii. Provide communications support, if necessary.

- iv. Provide a representative in the Parish EOC, as requested, to coordinate State Police support with the State EOC.
- e. St. Charles Parish Council on Aging
The St. Charles Parish Council on Aging, under the direction of the Director, is responsible for:
 - i. Providing transportation assistance for disabled and elderly evacuees.
 - ii. Providing annual update of lists of non-institutionalized disabled personnel.
- f. St. Charles Parish Hospital
 - i. The St. Charles Parish Hospital, under the direction of the Administrator, is responsible for providing health and medical care services to non-contaminated injured individuals.
 - ii. The primary hospital for medical support for contaminated injured persons will be provided by Ochsner Medical Center or West Jefferson Medical Center. The secondary or backup hospital is Our Lady of the Lake Regional Medical Center.
- g. St. Charles Parks and Recreation Department
The St. Charles Parks and Recreation Department is responsible for providing personnel, equipment, open-space areas, and facilities in assisting the Emergency Preparedness Director. Other responsibilities include:
 - i. Assisting Public Works in carrying out emergency response tasks.
 - ii. Support of fire-fighting operation with equipment and manpower.
 - iii. Assisting elderly, handicapped, or others with special needs during evacuation, and at reception and care facilities in host areas, if requested.
 - iv. Supporting procurement of medical supplies.
 - v. Assisting with expedient acquisition of radio-protective drugs and for their use by emergency workers and institutionalized persons, if required.

FIGURE D-1

St. Charles Parish Emergency Preparedness Organization Chart



_____ Direct Relationship

_____ Coordinating Relationship

FIGURE D-2

St. Charles Parish Emergency Function and Responsibility Matrix

St. Charles Parish Emergency Function Figure 2 P = Primary S = Support	Parish President	Emerg. Prep. Director	Senior Coordinator	Emergency Coordinator	Fire Officer	Law Enforcement Officer	Health & Medical Officer	Public Works Officer	Public Information Officer	Transportation Officer	Radiological Officer	School Social Services	LDEQ	Support Parishes
Direction & Control	P	S	S											
Notification		P	S	S	S	S	S			S		S		
Communications				P	S	S								
Public Alert/Notification		P	S	S	S	S			S					
Public Information	S	S	S						P					
Accident Assessment											S		P	
Public Health							P				S			
Social Services							P					S		
Fire & Rescue				S	P									
Traffic Control						P		S						
Access Control						P		S						
Emergency Medical Services				S	S		P							
Law Enforcement						P								
Transportation							S	S		P		S		
Protective Response	P	S	S	S	S	S	S	S	S	S	S	S	S	
Radiological Exposure Control							S				P			
Food & Water Purity							P	S						
Shelter & Care (Support Parishes)														P
Highway Maintenance								P						
Security						P								
Reentry & Recovery	P	S	S	S	S	S	S	S	S	S	S	S	S	

E. Notification and Activation

Once an emergency classification has been declared at W-3, the Control Room will notify the Parish warning points. Emergency Coordinators at the EOC (Parish 911 Center as backup) will provide for 24-hour per day coverage of the communications equipment. The primary means of notification is the Waterford 3 Operational Hotline; the secondary means of notification is the commercial telephone system; the third means of notification is the Office of Emergency Preparedness Radio System (See Section F - Emergency Communications).

This emergency response plan will be activated by the Parish President through the Office of Emergency Preparedness Director. Local response organizations will be notified of the emergency by the Parish. Such notification messages will specify whether the organization is to standby, or start to mobilize emergency response personnel. Emergency response personnel will be called to duty using the alert/notification call system of the response agency. Support agencies will be alerted by the agency they are supporting. Should mobilization be required, emergency response personnel will report to their agency response center for specialized equipment and further instructions.

Emergency personnel contacts are located in the St. Charles Parish Emergency Plan Implementing Procedure, Emergency Operations Center, Attachment 1, Staff Notification Procedure, Enclosures 1 – 4. The EOC is declared fully operational upon the arrival of the operations staff defined in St. Charles Parish Emergency Plan Implementing Procedure, Emergency Operations Center, Attachment 2, EOC Activation.

The sequences for anticipated notifications and activation of emergency response personnel for each emergency classification are provided below. Details of notification and activation consistent with the emergency classification scheme are provided in established procedures.

1. Notification of Unusual Event

a. Notification

Upon receipt of a classification of Notification of Unusual Event by W-3, the Parish Emergency Coordinator will notify the Office of Emergency Preparedness Director and other key individuals consistent with this classification and in accordance with established procedures utilizing the paging system described in Section F. During normal working hours, notification is made to the Emergency Operations Center (EOC) Emergency Operation Center (EOC) with the 911 Center as a backup; after normal hours, the EOC Emergency Coordinator provides notification to the Emergency Preparedness Director.

b. Activation

No activation of emergency response personnel or emergency facilities is anticipated for the Notification of Unusual Event. However, such action can be taken if deemed appropriate at the time. The Office of Emergency Preparedness Director will monitor the situation and be prepared to escalate to a higher level of response if the situation warrants, or standby until closeout of the emergency.

2. Alert

a. Notification

Upon receipt of a classification of Alert by W-3, the EOC Emergency Coordinator will notify the Office of Emergency Preparedness Director (if not previously notified), other key individuals, and other supporting response organizations consistent with this classification and in accordance with established procedures utilizing the paging system described in Section F. The Department Directors will, in turn, alert emergency personnel in their respective organizations by telephone or two-way radio. Also, local radio stations WWL-AM/WLMG-FM (the primary EAS stations for St. Charles Parish) will be alerted to standby by the EOC.

b. Activation

Upon notification, the Office of Emergency Preparedness Director and key staff will augment the Parish's emergency response resources by activating key staff members to the Parish EOC and activating the Communications Center with the Parish EOC. All supporting response organizations will maintain standby status until closeout or escalation of the emergency.

3. Site Area Emergency

a. Notification

Upon receipt of a classification of Site Area Emergency by W-3, the EOC Emergency Coordinator will notify the Office of Emergency Preparedness Director (if not previously notified), other key individuals, and other supporting response organizations consistent with this classification and in accordance with established procedures. The paging system described in Section F will be utilized. The Department Directors will, in turn, notify key emergency

personnel in their respective departments by telephone or two-way radio. Local radio stations WWL-AM/WLMG-FM (the primary EAS radio stations for St. Charles Parish) will be notified and brought to standby status (if not previously alerted) and, if appropriate, given messages to broadcast consistent with the situation via St. Charles Parish EOC.

b. Activation

Upon notification, the Office of Emergency Preparedness Director will activate the Parish EOC and other emergency response centers as appropriate. All local emergency response organizations will report to their duty stations. Traffic control and transportation support personnel will prepare for possible evacuation and reception centers will prepare for opening should conditions warrant. Local radio stations WWL-AM/WLMG-FM (the primary EAS radio stations for St. Charles Parish) will provide the public in the affected areas of St. Charles Parish, out to a 10-mile radius of W3, with periodic updates of the emergency.

4. General Emergency

a. Notification and Activation

Upon receipt of a classification of General Emergency by Waterford 3, the EOC Emergency Coordinator will notify the Office of Homeland Security and Emergency Preparedness Director (if not previously notified), other key individuals, and other supporting response organizations in accordance with established procedures, and emergency response centers will be activated. The Alert Notification System will be activated in the Parish.

b. All other response actions will be as for a Site Area Emergency.

5. Alert/Notification of the Public

a. The primary alert system for St. Charles Parish is comprised of a combination of fixed sirens, helicopters fitted with mounted alerting devices, the St. Charles Parish Industrial Hot Line, cable TV override, automatic telephone dialing devices, school board radios, and the U.S. Coast Guard for the notification of ships along the Mississippi River.

b. Upon determination that conditions at Waterford 3 warrant protective actions, the Office of Emergency Preparedness Director will issue instructions for the activation of the primary alert system.

- c. Should an element of the primary alert system fail, the Office of Homeland Security and Emergency Preparedness Director has available a number of backup methods including route alerting in populated and wetland areas, commercial telephone.
- d. St. Charles Parish will contact WWL/WLMG directly for release of EAS messages.

F. Emergency Communications

This section describes the various communications systems available for prompt communications among principal organizations and emergency personnel, and to the public. A summary of communications systems available is shown in Figure F-1.

The Parish EOC provides the focus of communications for emergency operations. Direction, control and coordination emanates from the EOC through the Parish President and the Office of Emergency Preparedness Director. Data and feedback relevant to the administration of emergency operations will be directed to the EOC.

1. W3SES Operational Hotline

The primary means of 24-hour per day notification and communications between W3SES and the St. Charles Parish emergency response organization is the W3SES Operational Hotline. This is a dedicated telephone system which allows St. Charles Parish, the other W3P, LDEQ and GOHSEP to receive emergency notification messages from W3SES simultaneously.

Locations equipped with a W3SES Operational Hotline include, but are not limited to, the following:

- W3SES Control Room
- W3SES Technical Support Center (TSC)
- W3SES Emergency Operations Facility (EOF)
- W3SES Back-up EOF
- St. Charles Parish EOC, St. Charles Courthouse
- St. Charles Parish 911 Center
- St. John the Baptist Parish EOC
- St. John the Baptist E-911 Center
- LDEQ, REP&R Unit Office, Baton Rouge
- GOHSEP EOC, Baton Rouge

The EOC provides 24-hour per day monitoring of the W3SES Operational Hotline within the Parish. The 911 Center is used as a backup.

2. Homeland Security and Emergency Preparedness Radio System

The Emergency Preparedness Radio System serves as a tertiary communications system to the Waterford 3 Operational Hotline. A receive-transmit console is available at the same locations listed above that

are equipped with a Waterford 3 Operational Hotline. EOC Emergency Coordinator will provide 24-hour per day monitoring of the Emergency Preparedness Radio System within the Parish.

The Emergency Preparedness Radio System also serves as an alternate communications system to the commercial telephone for communicating with St. John Parish, LDEQ and GOHSEP.

3. Parish Radio Systems

Fixed, mobile and hand-held radios operating on various frequencies provide for communication between the Parish EOC and representatives from the following organizations (see also Figure F-1):

- Sheriff's Office
- Volunteer Fire Departments
- Hospitals (St. Charles Hospital)
- Parish Public Works
- Parish Emergency Medical Services
- State Police
- School Board

4. Medical Support Facilities Communications Systems

A coordinated communications link for the Parish EOC, hospitals, and ambulances is provided by Emergency Medical Services and Fire Services Communications Systems. These systems are comprised of either fixed/mobile radios or commercial telephones. Coordinated radio communications with ambulances and St. Charles Parish Hospital is provided. Commercial telephones serve as backup communications from the EOC to St. Charles Parish Hospital.

5. Commercial Telephone

Commercial telephone service is available at each emergency response facility. It can also be used as an alternate communication system. The Parish is serviced by AT&T. Total breakdown is backed up by special lines outside the normal System.

St. Charles Parish has requested priority from the AT&T for restoring service provided in the Parish EOC.

6. Paging System

Key emergency personnel in the emergency response organizations and supporting emergency personnel can be contacted through the paging system.

7. Alert Notification System

An Alert Notification System located throughout the 10-mile EPZ will be used to alert the public to listen to the local radio stations WWL-AM 870/WLMG-FM 101.9. That portion of the system located within St. Charles Parish will be activated from the Parish EOC. This system is maintained by Waterford 3 Steam Electric Station. For more information, see the St. Charles Parish Emergency Plan Implementing Procedure: Emergency Operations Center – Attachment 8: Public Alert.

Special notification devices, such as tone activated alarm pagers or automatic telephone dialing systems, are provided for special facilities including schools, hospital, and major employers. Facilities with special notification devices are shown in Figures F-2 and 2a. When activated, the Emergency Preparedness Director can provide information and instructions over the system.

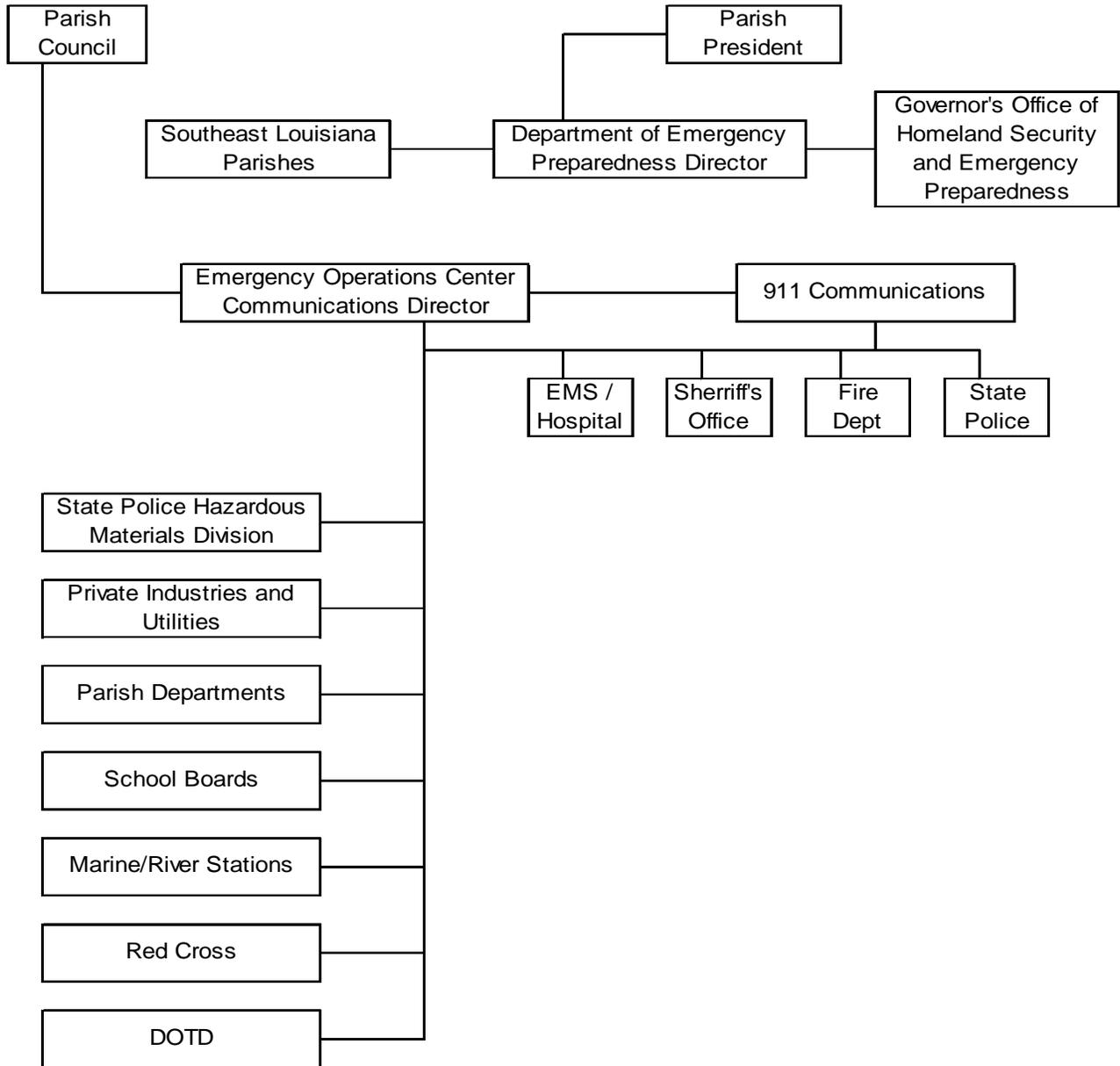
Mobile sirens and public address systems mounted on patrol cars, fire department and other emergency vehicles, and helicopters could provide backup to the Alert Notification System.

8. Testing

Periodic testing of emergency communications and the Alert Notification System is conducted on a regularly scheduled basis (approximately monthly) in accordance with established procedures. For more information see LPRRP, Basic Plan, Chapter 4, Section IV.

FIGURE F-1

St. Charles Parish Communications System



_____ Direct Relationship

_____ Coordinating Relationship

FIGURE F-2

Facilities with Special Notification Devices

St. Charles Parish Emergency Industrial Hotline System

- ADM Ama
- ADM Destrehan
- Air Liquide
- Air Liquide-Taft
- Bunge
- CII Carbons
- Cytec
- Galata Chemical
- Dow St. Charles Operations
- East Bank Water Plant
- International Matex Tank Terminals
- Koch Nitrogen
- Little Gypsy
- Monsanto
- Mosaic Phosphates Company
- Motiva
- Occidental Chemical
- Praxair
- Shell Chemical
- Valero
- Waterford 1&2
- Waterford 3
- Williams-Discovery

FIGURE F-2a

Organizations or Groups Requiring Special Alert/Notification

Industries with High Background Noise

- Plantation Business Campus Leasing Office, Destrehan
- Carter Chambers, Luling

Special Population Groups

EOC Staff Officer Responsible for Notification

- | | |
|---|-------------------------|
| • School Children
(while school is in session) | School Services Officer |
| • Children in Day Care Centers | Transportation Officer |
| • Hospitalized Persons | Health/Medical Officer |
| • Persons in Nursing Home | Health/Medical Officer |
| • Industrial Workers | Emergency Coordinators |
| • Parish Jail | Law Enforcement Officer |
| • Housebound Infirm | Health/Medical Officer |

G. Protective Response for the Plume Exposure Pathway (10-mile EPZ)

Waterford 3 Steam Electric Station (W3SES) will simultaneously notify the Parish and State agencies of protective response recommendations based on accident conditions. LDEQ will provide an independent assessment and protective recommendations to the LDEQ Secretary or designee, who will coordinate with GOHSEP on the efficacy of proposed recommendations. The Parish will make a decision on the implementation of these recommendations based on local conditions and report its decision to LDEQ. St. Charles Parish will coordinate operational elements for implementation of the protective response recommendation with GOHSEP as appropriate to the situation.

Predetermined protective actions will be taken when the projected dose at any place and time appears to be at or above those recommended in Protective Action Guides (PAG). The Parish and the 10-mile EPZ have been divided into Protective Action Sections (PAS) for designation of threatened areas and to denote where protective actions are to be taken. Tab A to Appendix B in the Attachment 1 address the PAS in detail.

Protective Actions

Actions taken to protect the public may include any or all of the following:

- Notification of affected residents and transients to seek immediate shelter,
- Evacuation of transients and residents within a designated Protective Action Section to reception centers or shelter areas outside the ten mile EPZ,
- Implementation of respiratory protection procedures: people within the risk area will be advised to cover their noses and mouths with handkerchiefs, cloth, or other protective materials, and to limit air intake from heating or cooling systems if they take in outside air.
- Control of entrance into affected areas,
- Implementation of procedures to prevent the consumption and distribution of contaminated food and water supplies,
- Implementation of procedures to decontaminate persons when necessary.

1. Control of Entrance into Affected Areas

Under certain conditions, action will be taken to limit the number of people who enter an affected area. These conditions will be determined by the Parish President upon recommendations from LDEQ. The Parish Sheriff's Office will provide support to control access with assistance as requested

from Louisiana State Police.

2. Sheltering (in-place)

The decision to recommend taking shelter indoors will be made by the Parish President through the advice of the Secretary of LDEQ or designee. The notification to take shelter indoors will be issued via the Alert Notification System and the EAS.

3. Evacuation

Evacuation of the General Public

Evacuation of any affected sections within St. Charles Parish will be at the discretion and direction of the Parish President. If a "State of Emergency" has been declared by the Governor, under the provisions of the Louisiana Homeland Security and Emergency Assistance and Disaster Act, the Governor would direct the evacuation jointly with the Parish President. The basis for a decision to evacuate will be recommendations from Waterford 3 Steam Electric Station (W3SES) and the Secretary of LDEQ or designee based on accident assessment and operational considerations at the time of emergency.

If the order to evacuate is given, evacuation will be by Protective Action Section. Citizens residing in a given section and ordered to evacuate will be instructed to proceed according to predetermined evacuation routes. All evacuation routes will lead citizens toward a reception center. Evacuees from St. Charles Parish will initially report to the designated reception centers for registration, monitoring and decontamination (as required). If necessary, evacuees will then be routed to temporary shelters. Figure G-1 shows the location of the reception center and shelter areas. Resources available to assist in evacuation of affected Parish areas are maintained in Parish Implementing Procedures or Resource Data Books.

The primary means of evacuating residents, transients, and industrial workers from the 10-mile EPZ will be by private automobiles. Announcements will be made via the EAS requesting that car-pooling arrangements be implemented to accommodate those without transportation, and multiple-car families will be encouraged to take only one car to minimize traffic congestion.

Strict traffic control measures will be utilized to:

- control ingress and egress of affected areas;

- maintain orderly flow of evacuated traffic;
- remove impediments on evacuation routes;
- assure access by ambulance and rescue vehicles;
- assure area security.

For further details on traffic and access control, refer to the St. Charles Parish Emergency Plan Implementing Procedure, Law Enforcement Service. See also the Waterford 3 SES Traffic and Access Control Points map and index.

Periodic patrols by law enforcement and/or other emergency personnel will canvas areas to:

- maintain order;
- assist disabled evacuees;
- confirm evacuation and remove remaining persons as required.

Evacuation for Special Needs

The Office of Emergency Preparedness Director will ensure that a current list of special-need evacuees is available. The Emergency Operations Center (EOC) will also ensure that special-needs people will be provided transportation as required. Special-need evacuees who are not evacuated by private vehicles will be evacuated by ambulance or mini-van.

Schools

Protective response measures will be implemented to minimize radiological exposure risks to school children. If a decision to evacuate is made during school session, school children located within the 10-mile Emergency Planning Zone will be placed on school buses and transported outside the 10-mile Emergency Planning Zone to a designated Reception Center. Children will remain under the supervision of school personnel until they are returned to their parents.

For more information, see:

- St. Charles Parish Emergency Plan Implementing Procedures, School Services, and
- St. Charles Parish Emergency Plan Implementing Procedures, Transportation Services.

Medical Facilities

Protective response measures for St. Charles Parish Hospital, the Luling Nursing Home and Evangeline of Ormond must be coordinated with the Parish EOC's Health/Medical Officer and the Louisiana Department of Health and Hospitals. Overall responsibility for appropriate action rests with the Administrator of each facility.

Incarceration Facilities

The Nelson Coleman Correctional Center is located in Hahnville, approximately two miles from Waterford 3. Sheltering, respiratory protection, or the use of radioprotective drugs may be recommended as an alternative to evacuation depending upon the circumstances surrounding the accident.

The St. Charles Parish Sheriff is responsible for the protection of prisoners incarcerated in the Parish Correctional Center. The Sheriff will implement those actions necessary for the protection of prisoners. If an evacuation is recommended but cannot be immediately accomplished, the use of radioprotective drugs will be considered. These substances will only be administered to prisoners with the concurrence of the State Health Officer.

If circumstances warrant, an evacuation of the Parish Correctional Center will be accomplished using designated transportation resources. Agreements have been reached with the Sheriffs of neighboring Parishes and State Police for the transportation and confinement of prisoners during an evacuation.

Major Industry and Parks

Major industries and industrial parks which lie within the Parish portion of the 10-mile EPZ will be notified as outlined in Section F. No additional transportation is expected to be needed beyond vehicles already available at these locations at the time of an emergency.

FIGURE G-1

St. Charles Parish Reception Centers and Shelter Listing

<u>Support Parish</u>	<u>Reception Centers</u>
Tangipahoa	Hammond High School 45168 River Road Hammond, LA
East Baton Rouge	Baton Rouge River Center 275 S River Road Baton Rouge, LA
Jefferson	Pontchartrain Center 4545 Williams Boulevard Kenner, LA
Jefferson	Alario Center 2000 Segnette Boulevard Westwego, LA
Lafourche	Central Lafourche High School 4820 Highway 1 Matthews, LA

SHELTERS:

St. Charles and St. John the Baptist Parishes, as the 10-mile EPZ risk parishes during an emergency at Waterford 3 Steam Electric Station, will direct evacuees to reception centers located outside the 10-mile EPZ in support parishes. These support parishes include Tangipahoa, Jefferson, Orleans, East Baton Rouge and Lafourche.

Shelter assignments in the support parishes will be made in conjunction with American Red Cross. Shelter capacities are maintained by American Red Cross representatives.

The support parish is responsible for managing its designated reception center, including staffing, arrangements for handling students at the center and provisions for the radiological monitoring of evacuees. Students are under the supervision of their respective school until a parent or designee can take over the supervision.

H. Public Health Support

1. Reception and Care

Following decontamination, if necessary, at the reception center, an initial registration of evacuees will be accomplished by the Louisiana Department of Children and Family Services. Health and medical care will be provided to evacuees as necessary. Evacuees will be directed to shelters made available through the American Red Cross.

A second, more detailed registration of evacuees will be accomplished at the shelters by the American Red Cross in conjunction with the Louisiana Department of Children and Family Services. Registration data will be tabulated and submitted to the Emergency Operations Center. Food, clothing, and health and medical care will be provided to the evacuees as needed. When the situation subsides, evacuees will be allowed to re-enter the affected area in accordance with procedures described in the General Plan.

2. Medical

Injured evacuees may be treated at the St. Charles Parish Hospital. Contaminated injured evacuees will be treated at West Jefferson Medical Center or Ochsner Medical Center, whose staff is equipped to handle contaminated individuals. In addition, St. Charles Parish Emergency Medical Services is trained in the transport of victims of radiological incidents.

I. Appendices

Appendix I-1: List of Parish Radiological Emergency Implementing Procedures.

APPENDIX I-1

Responsibilities for Radiological Emergency Implementing Procedures

Implementing Procedures have been prepared by functional areas. Staff responsibilities associated with functional areas is as follows. (Specific areas of responsibility/coordination appear in the appropriate Implementing Procedures.)

1. Public Alert/Notification
 - a. Parish President
 - b. Emergency Preparedness Director
 - c. School Services Officer
 - d. Health/Medical Officer
 - e. Law Enforcement Officer
 - f. Communication Officer

2. Public Information
 - a. Parish President
 - b. Emergency Preparedness Director
 - c. Public Information Officer

3. Radiological Exposure Control
 - a. Parish President
 - b. Emergency Preparedness Director
 - c. Radiological Officer

4. Transportation Services
 - a. Emergency Preparedness Director
 - b. Transportation Officer
 - c. School Services Officer
 - d. Health/Medical Officer

5. School Services
 - a. Emergency Preparedness Director
 - b. School Services Officer
 - c. Transportation Officer

6. Health and Medical Services

- a. Emergency Preparedness Director
 - b. Health/Medical Officer
 - c. Transportation Officer
 - d. Radiological Officer
7. Fire Services
- a. Emergency Preparedness Director
 - b. Fire Services Officer
 - c. Radiological Officer
8. Law Enforcement Services
- a. Emergency Preparedness Director
 - b. Law Enforcement Officer
 - c. Radiological Officer
 - d. Public Works Officer
9. Public Works
- a. Emergency Preparedness Director
 - b. Public Works Officer
 - c. Radiological Officer
 - d. Law Enforcement Services Officer

**ENCLOSURE II
TO ATTACHMENT 1**

**ST. JOHN THE BAPTIST PARISH
RADIOLOGICAL EMERGENCY RESPONSE PLAN**

ENCLOSURE II ST. JOHN THE BAPTIST PARISH

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A. Introduction

This Enclosure together with the General Plan of Attachment 1, Louisiana Peacetime Radiological Response Plan (LPRRP), constitutes the entire document to guide the direction and control of local government responses to an emergency situation at Waterford 3 Steam Electric Station. This Enclosure addresses preparedness criteria and planning elements specific for St. John the Baptist Parish. It outlines the direction and control, the responsibilities for the performance of Parish emergency operations and support activities, the means for timely warning and protective actions as needed for citizens threatened by a release of radioactive material, and the means of integrating the actions of local government with those of the other parishes, the State of Louisiana, and EOI - Waterford 3.

Although the construction of nuclear power facilities provides substantial safeguards against the occurrence of radiological emergencies, this Enclosure provides an additional level of safety to ensure protection of the public through a coordinated emergency response by local government.

B. Authority

Authority for the development and implementation of this Enclosure is consistent with and pursuant to the provisions of St. John the Baptist Parish Civil Defense Ordinance of 1964, as amended.

C. Direction and Control

St. John the Baptist Parish, when affected by an emergency at Waterford 3 Steam Electric Station, is responsible for initial radiological emergency response operations within its jurisdiction. The Parish will coordinate such actions through its Director of Emergency Preparedness (DEP) and through the Parish emergency response organization. The DEP will provide the necessary direction and control to initiate actions and conduct emergency operations required to protect the population of St. John the Baptist Parish from an emergency at Waterford 3 Steam Electric Station. In his absence, responsibility will be delegated according to Parish procedures for continuity of Parish government. The Emergency Operations Center (EOC) for St. John the Baptist Parish is located at, 1801 W. Airline Highway, LaPlace. The EOC contains an emergency communications center and provides adequate space for staff and equipment such as tables, telephones, and status boards. Generally, Staff assignments to the EOC may include representatives of the following:

1. Operations Staff
 - Parish President
 - Emergency Preparedness Director

- Emergency Preparedness Deputy Director(s)
- EOC Operations Officer
- Law Enforcement and Traffic Control Officer
- Communications Officer
- Fire and Rescue Officer
- Public Information Officer
- Health and Medical Officer
- Radiological Officer
- School Services Officer
- Transportation Officer
- Public Works Officer
- Public Utilities Officer

2. Resource Staff

- Resource Support Officer(s)
- Human Welfare Services Officer
 - Council on Aging Representative
 - American Red Cross Representative
- Damage Assessment Officer
- Finance and Logistics Officer
- Message Center Coordinator
- Operational and Support Assistants
- Parks and Recreation Department Representative
- Training Officer
- Planning Officer
- Communication Assistants and Amateur Radio Operators
- Technical Advisors, Engineer(s)
- State Liaison Representative(s):
 - Louisiana State Police
 - Governor's Office of Homeland Security & Emergency Preparedness
 - Louisiana Department of Environmental Quality
 - Louisiana Department of Health and Hospitals

- Parish Health Unit Director
- Louisiana Department of Children & Family Services
- Louisiana Department of Agriculture and Forestry
 - USDA Parish Emergency Board Chairperson
- Louisiana Department of Wildlife and Fisheries

State agency support and technical analysis will be provided through the Louisiana Department of Environmental Quality (LDEQ) and the Governor's Office of Homeland Security and Emergency Preparedness (GOHSEP). The LDEQ will be responsible for offsite radiological monitoring and analysis and protective action recommendations. The GOHSEP will coordinate all state resources through the appropriate state agencies. In the event the emergency situation is beyond local control and response capabilities, the Governor may issue a "Declaration of Emergency," whereby any or all emergency operations would then be under the direction of the Governor.

A. Organization and Responsibilities

Local organizations with emergency responsibilities are identified in the following sections. Each organization is responsible for assuring continuity of resources to support emergency operations for a protracted period. Each organization or suborganization having an operations role is responsible for maintaining its own Emergency Implementing Procedures (EIPs) which describe detailed emergency actions to be performed.

The relationships between the local organizations are graphically depicted in Figure D-1. As shown, local organizations are coordinated by the Parish Director of Emergency Preparedness with the exception of the Parish Health Unit and Louisiana Department of Children and Family Services, which are coordinated by the State Department of Health and Hospitals; however, the DEP may provide limited coordination, if required by the circumstances at the time of the emergency, with the approval of the State Department of Health and Hospitals. The primary and support responsibilities of the local organizations for key emergency functions are specified in the Emergency Function and Responsibility Matrix shown in Figure D-2.

1. Local Government

a. Parish President

The St. John the Baptist Parish President has the following responsibilities.

- i. The safety and well being of persons in the Parish.
- ii. Maintenance and implementation of the St. John the Baptist Parish Radiological Emergency Response Plan through the Parish Department of Public Safety for response to an accident at Waterford 3 Steam Electric Station.
- iii. Initiating actions and providing direction and control at the local level.
- iv. Conducting emergency operations through the Director of Emergency Preparedness.
- v. Through the advice of LDEQ, authorizing emergency workers to incur exposure in excess of general public Protective Action Guidelines (PAGs).
- vi. Management of resources and facilities within the parish.
- vii. Liaison to state agencies, military and industry.
- viii. Designating a chief spokesperson and approving official news releases for the Parish.

- b. The Parish Attorney is responsible for:
 - i. Providing legal advice and counsel to the DEP in the interpretation of Parish, State, and Federal law relating to disaster preparedness under a given circumstance.
 - ii. Ensuring legality of any and all emergency laws and ordinances passed by the Parish Council.
 - iii. Providing an emergency representative to the Parish EOC, as requested, during an emergency.

c. St. John the Baptist Parish Emergency Preparedness

The Emergency Preparedness Office, under the direction of the Director, is responsible for the development and maintenance of procedures to implement this plan.

- i. The Director of Emergency Preparedness is responsible for:
 - 1) Acting as the Chief of Staff for the Parish President and directing and coordinating Parish emergency response to an accident at Waterford 3 Steam Electric Station.
 - 2) Serving as the liaison between the Parish President and emergency response forces.
 - 3) Supervising the development and maintenance of plans and procedures for Parish response to an accident at Waterford 3 Steam Electric Station, including quarterly verification and update of emergency implementing procedures telephone numbers, and an annual review and update of emergency implementing procedures.
 - 4) Supervising the development and implementation of training and public information and education programs within the Parish.
 - 5) Maintaining an adequate supply of radiation monitoring equipment through a program of equipment inspection, inventory, and operational checks.
 - 6) Maintaining an adequate supply of KI and ensuring the KI is stored at room temperature.
 - 7) Developing and maintaining contracts and agreements necessary to implement the Parish radiological emergency response plan.
 - 8) Ensuring the coordination of special facility (e.g., schools, nursing homes, jails, and industry) emergency procedures and protective actions with Parish plans in

response to an accident at Waterford 3 Steam Electric Station.

- 9) Ensuring notification and coordination of all local agencies supporting emergency operations, as required, including the coordination with GOHSEP for activation and use of
 - 10) appropriate reception centers and shelters should an evacuation be necessary.
 - 11) Coordinating overall emergency operations to protect life and property at the local level.
 - 12) Coordinating with GOHSEP and LDEQ in supporting emergency operations at the local level.
 - 13) Activating the public alert system, ensuring warning and notification of persons within the 10-mile EPZ, as necessary. For more information, see the St. John the Baptist Parish Emergency Operations Plan Standard Operating Procedure: Emergency Operations Center [ESF #5 Emergency Management] – Attachment 4: Public Alert/Notification.
 - 14) Maintaining adequate communications to conduct and coordinate local emergency operations.
 - 15) Coordinating with the Public Information Officer to disseminate public information.
 - 16) Appointing a Public Information Officer, Radiological Officer, Communications Officer, and Health/Medical Officer to assist him with certain functions.
- ii. The Public Information Officer is responsible for:
- 1) Participating in the Parish-level program aimed at educating the public on response to an accident at Waterford 3 Steam Electric Station.
 - 2) Providing liaison with news media organizations prior to and during an emergency.
 - 3) Assisting in preparation of news releases.
 - 4) Coordinating with the Emergency Communications Center.
- iii. The Radiological Officer is responsible for:
- 1) Establishing arrangements for the surveying and decontamination of emergency personnel and vehicles, and coordinating this effort with LDEQ.

- 2) Distribution of dosimetry devices to emergency personnel and maintenance of related records.
 - 3) Ensuring that emergency personnel in the field are informed of radiological conditions and necessary protective actions, as necessary.
 - 4) Maintaining an inventory of radiological equipment within the parish.
 - 5) Gathering radiological information and keeping records on the radiological response efforts.
 - 6) Distribution of potassium iodide to emergency personnel and maintenance of related records.
- iv. The Communications Officer is responsible for:
- 1) Ensuring the maintenance and availability of communication equipment and all call lists necessary to provide alert/notification and communications support in an emergency.
 - 2) Initiating the communication of the alert/notification message to emergency response organizations.
 - 3) Establishing and maintaining a communications system capable of linking the St. John the Baptist Parish EOC with Waterford 3 Steam Electric Station, State response agencies, Parish emergency response agencies, and with St. Charles Parish.
 - 4) Recruiting and training radio operators and telephone attendants.
- v. Health/Medical Officer
- Health/Medical Officer, under the direction of the Director, is responsible for:
- 1) Providing rescue and emergency medical services, including the transportation of victims of radiological incidents.
 - 2) Providing transportation support for non-ambulatory evacuees.
 - 3) Coordinating with hospitals from adjacent jurisdictions.
 - 4) Coordinating with the Parish Health Unit and local medical practitioners.
 - 5) Providing medical services assistance to other W3P, as needed.

- 6) Maintaining communications with the Parish Sheriff's Office.

d. Sheriff's Office

The Sheriff's Office is the primary law enforcement and traffic control agency within St. John the Baptist Parish. The Sheriff, as the Chief Law Enforcement Officer, will be responsible for:

- i. Managing the evacuation of portions of the Parish within the 10-mile EPZ.
- ii. Direction and control of traffic within the Parish.
- iii. Direction and control of traffic coming from other W3P in transit to reception centers in nearby support parishes.
- iv. Preservation of law and order.
- v. Instituting access control and area security.
- vi. Assisting in performing search and rescue work, as required.
- vii. Assisting in warning residents and transients, as required.
- viii. Providing assistance to, and liaison with outside law enforcement agencies, as required.
- ix. Coordination with local and state law enforcement agencies to provide emergency support operations.
- x. Emergency communications support.
- xi. Providing a representative to the parish EOC, as requested, during an emergency.
- xii. Providing protective measures for parish prison inmates.

e. Volunteer Fire Departments

The Volunteer Fire Departments within St. John the Baptist Parish support Emergency Preparedness by providing technical assistance, manpower, and equipment to aid disaster victims within the Parish. Under the direction of the respective Chiefs, the Volunteer Fire Departments are responsible for:

- i. Providing fire and rescue aid.
- ii. Assisting in warning and notification of the public within the EPZ, if needed.
- iii. Providing rescue and emergency medical services.
- iv. Providing a representative to the EOC, as requested, during an accident.

f. School Board

The Parish School Board, under the direction of the Superintendent, and private school principals, are responsible for:

- i. Providing school buses and drivers for evacuation of students and school personnel from schools (when school is in session).
- ii. Providing transportation for assisting evacuation of residents and transients from the affected areas.
- iii. Establishing arrangements for the care of school students at reception centers or host schools until students are picked up by parents.
- iv. Maintaining communications with the Parish EOC on operations and support needs and coordinating with other agencies on support services.
- v. Providing a School Services Officer to the Parish EOC, as requested, during an accident.

g. St. John the Baptist Parish Public Works Department

The St. John the Baptist Parish Public Works Department, under the direction of the Director, is responsible for:

- i. Assisting in traffic control and re-entry/recovery operations by providing signs and barriers.
- ii. Coordinating resources available to the Parish.
- iii. Providing highway maintenance and clearing impediments to allow road passage.
- iv. Coordinating with the State Department of Transportation and Development and Office of Highways personnel for additional assistance as required.
- v. Providing personnel with knowledge of the area to act as guides for LDEQ response personnel (field teams), as necessary.
- vi. Providing an emergency representative to the Parish EOC, as requested, during an accident.

B. Parish-Level State Support Agencies

1. Health Unit (DHH)

In conjunction with the State Department of Health and Hospitals, the Parish Health Unit is responsible for:

- a. Assisting in the coordination of required medical services.
- b. Assisting with expedient acquisition of radio-protective drugs (i.e., KI) and for their use by emergency works and institutionalized persons,

if required.

- c. Assisting in collection of water and milk samples, and transportation of such samples for laboratory analysis.
- d. Maintaining communications with the Parish EOC on operations and support needs and coordinate with other agencies on support services as needed.
- e. Providing an emergency representative to the Parish EOC, as requested, during an emergency.
- f. In coordination with the FDA, provide for the collection of water, milk, sewage, and food samples from food processing plants, and for the transportation of such samples for laboratory analysis, during a radiological emergency.
- g. In coordination with the Department of Agriculture and Forestry, USDA, and LDEQ, when requested, provide guidance and advice on identifying storing and disposing of contaminated agricultural products.
- h. In coordination with the FDA, provide guidance for the diversion or destruction of radiologically contaminated food, crops, and milk during an accident.
- i. Provide for the inspection of shelter facilities to ensure that adequate sanitary, water, and food service is available for the number of people assigned.
- j. Provide guidance and advice to water purification facilities of an accident and advice on the appropriate protective action.
- k. Support the relocation of hospital patients from hospitals within the risk areas to identified support hospitals, during an accident.
- l. Assist in the provision of mass emergency medical transportation resources to be used for the relocation of hospital patient during an accident.
- m. Support risk health care facilities and risk Parishes with identification and coordination of medical resources.

2. Parish Extension Service

The St. John the Baptist Parish Extension Service, under the direction of the County Agent, in cooperation with the State Department of Agriculture & Forestry and USDA, is responsible for:

- a. Providing general assistance and coordination with USDA federal disaster assistance programs to include crop loss, livestock feed, and other emergency measures as applicable.
- b. Disseminating agricultural advisories to affected Parish farmers and

other agribusinesses during an accident at Waterford 3 Steam Electric Station.

- c. Assessing damage to Parish crops and livestock in the event of an emergency.

3. Louisiana Department of Children and Family Services

The Louisiana Department of Children and Family Services, under the direction of the Parish Administrator and in conjunction with the American Red Cross, is responsible for:

- a. Registration of evacuees at reception centers and shelters.
- b. Coordinating emergency shelter, feeding and clothing, and social services for displaced persons, as necessary, with the American Red Cross.
- c. Providing assistance to area hospitals, nursing homes, and OHSEP personnel, as requested, for social services, special care arrangements and transportation assistance.
- d. Providing a representative to the EOC, as requested, during an accident.
- e. Liaison between the Parish EOC and support parish reception centers and shelters.
- f. Establishing a Parish evacuee locator service in coordination with support parish reception centers during an emergency.

4. State Police (Troop B)

In conjunction with the State Department of Public Safety and Corrections, the State Police will be responsible for the following:

- a. In coordination with the Sheriff, assisting in traffic control operations during an evacuation, particularly on State or Federal highways.
- b. In coordination with the Sheriff, assist in establishing access control to affected areas.
- c. In coordination with the Sheriff, assist in security and law enforcement support for affected areas.
- d. Provide communications support, if necessary.
- e. Provide a representative in the Parish EOC, as requested, to coordinate State Police support with the State EOC.

5. River Parishes Hospital

The River Parishes Hospital, under the direction of the Administrator, is responsible for:

- a. Providing health and medical care services to non-contaminated

injured individuals. The primary hospital for medical support for contaminated injured persons will be provided by Ochsner Medical Center or West Jefferson Medical Center. The secondary or backup hospital is Our Lady of the Lake Regional Medical Center.

- b. Maintaining current emergency management plans and procedures that are consistent with Parish emergency plans and implementing procedures.

6. Twin Oaks Nursing Home

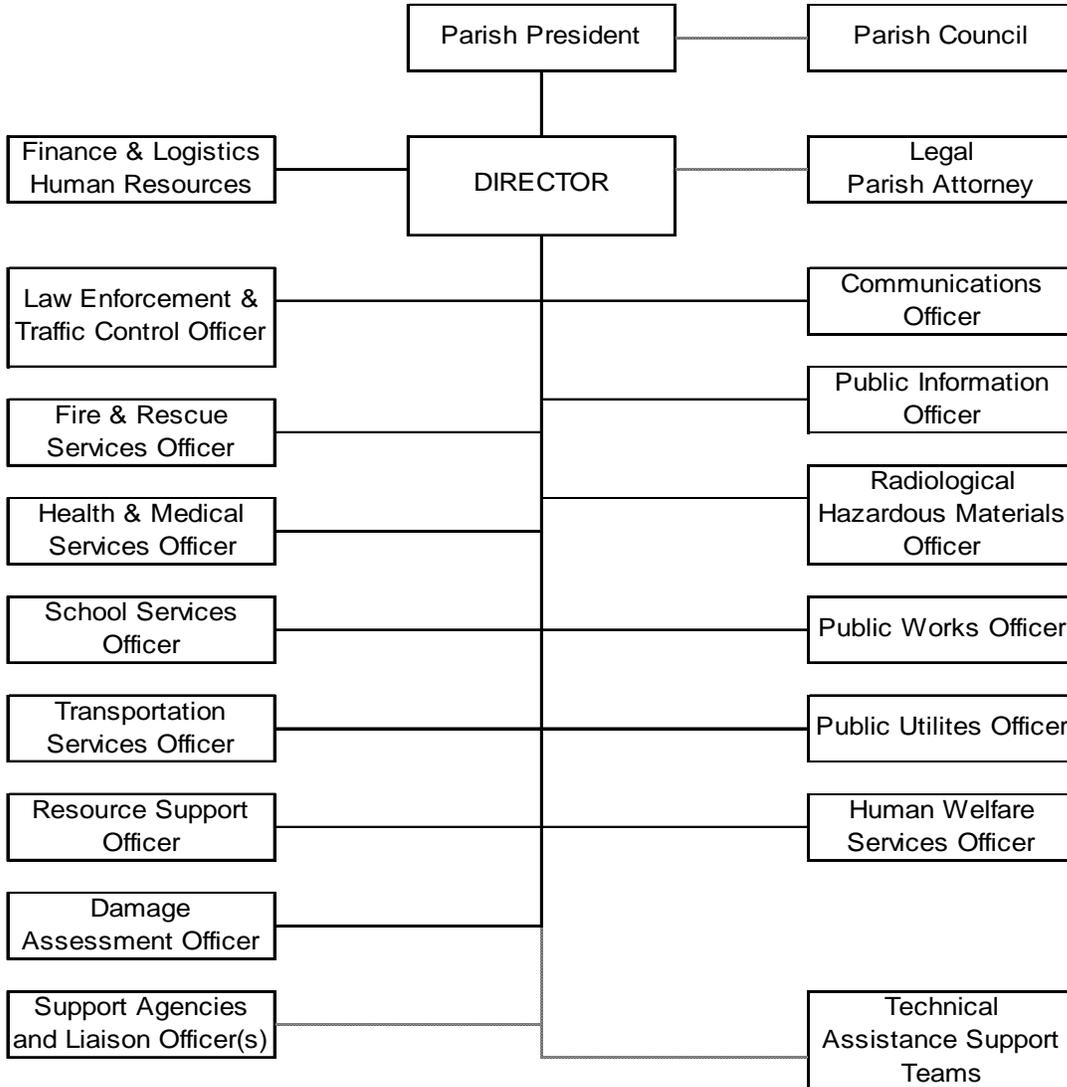
The Twin Oaks Nursing Home, under the direction of the Administrator, is responsible for maintaining current emergency management plans and procedures that are consistent with Parish emergency plans and implementing procedures.

7. Southeast Louisiana (SELA) War Veterans Home

The SELA War Veterans Home, under the direction of the Administrator, is responsible for maintaining current emergency management plans and procedures that are consistent with Parish emergency plans and implementing procedures.

C. FIGURE D-1

St. John The Baptist Parish Organization Chart



_____ Direct Relationship

_____ Coordinating Relationship

FIGURE D-2

**St. John the Baptist Parish
Emergency Function and Responsibility Chart**

Emergency Function and Responsibility Chart	Parish President	Emerg. Prep. Director	Operations Officer	Communications Officer	Fire Officer	Law Enforcement Officer	Health & Medical Officer	Public Works Officer	Public Info. Officer	Transportation Officer	Radiological Officer	School Services Officer	LDEQ	Support Parishes
Direction & Control	P	S												
Notification		P	S	S	S	S				S	S	S		
Communications		S	S	P	S	S								
Public Alert/Notification		P		S	S				S					
Public Information	S	S	S						P					
Accident Assessment											S		P	
Public Health							P				S			
Social Services							S					S		
Fire & Rescue				S	P	S	S							
Traffic Control				S	S	P		S						
Access Control				S	S	P		S						
Emergency Medical Services				S	S		P							
Law Enforcement						P	S							
Transportation							S	S		P		S		
Protective Response	P	S	S	S	S	S	S	S	S	S	S	S	S	
Radiological Exposure Control							S				P			
Food & Water Purity							P	S						
Shelter & Care							S	S			S	S		P
Highway Maintenance								P						
Security						P								
Reentry & Recovery	P	S	S	S	S	S	S	S	S	S	S	S	S	

E. Notification and Activation

Once an emergency classification has been declared at W-3, the Control Room will notify the Parish warning points. Shifts of dispatchers at the Parish Communication Center will provide for 24-hour per day coverage of the communications equipment. The primary means of notification is the W3SES Operational Hotline; the secondary means of notification is the commercial telephone system; the third means of notification is the Emergency Preparedness Radio System (See Section F - Emergency Communications).

When the Communications Center in the Parish EOC is activated, the Parish's responsibility for receiving notifications will shift to the EOC Communications Center. Notification messages will be verified by the dispatcher in accordance with established procedures.

This emergency response plan will be activated by the Parish President through the DEP. Local response organizations will be notified of the emergency by the Parish. Such notification messages will specify whether the organization is to standby, or start to mobilize emergency response personnel. Emergency response personnel will be called to duty using the alert/notification call system of the response agency. Support agencies will be alerted by the agency they are supporting. Should mobilization be required, emergency response personnel will report to their agency response center for specialized equipment and further instructions.

Emergency personnel contacts are located in the St. John the Baptist Parish Emergency Operations Plan, Emergency Operations Center Standard Operating Procedure, Attachment 1, Staff Notification Procedure. Upon arrival of the key staff defined in this procedure, the EOC is declared operational.

The sequences for anticipated notifications and activation of emergency response personnel for each emergency classification are provided below. Details of notification and activation consistent with the emergency classification scheme are provided in established procedures.

1. Notification of Unusual Event

a. Notification

Upon receipt of a classification of Notification of Unusual Event by W-3, the Public Safety Dispatcher will notify the DEP and other key individuals consistent with this classification and in accordance with established procedures utilizing the paging system described in Section F. During normal working hours, notification is simultaneous to the Emergency Operation Center and the Parish Communication Center; after normal hours, the Public Safety Dispatcher provides

notification to the Director of Emergency Preparedness.

b. Activation

No activation of emergency response personnel or emergency facilities is anticipated for the Notification of Unusual Event. However, such action can be taken if deemed appropriate at the time. The DEP will monitor the situation and be prepared to escalate to a higher level of response if the situation warrants, or standby until closeout of the emergency.

2. Alert

a. Notification

Upon receipt of a classification of Alert by W-3, the Public Safety dispatcher will notify the DEP (if not previously notified), other key individuals, and other supporting response organizations consistent with this classification and in accordance with established procedures utilizing the paging system described in Section F. The organizations will, in turn, alert to a standby status, those emergency personnel in their respective organizations by telephone or two-way radio. Also, radio station; WWL-AM/ WLMG-FM (the EAS station for St. John Parish) will be alerted to standby by the EOC.

b. Activation

Upon notification, the DEP and key staff will augment the Parish's emergency response resources by bringing the Parish EOC to a standby status and activating the Communications Center with the Parish EOC. All supporting response organizations will maintain standby status until closeout or escalation of the emergency.

3. Site Area Emergency

a. Notification

Upon receipt of a classification of Site Area Emergency by W-3, the Public Safety dispatcher will notify the DEP (if not previously notified), other key individuals, and other supporting response organizations consistent with this classification and in accordance with established procedures. The paging system described in Section F will be utilized. The organizations will, in turn, notify key emergency personnel in their respective departments by telephone or two-way radio. Radio stations WWL-AM/WLMG-FM (the EAS radio station) will be notified and brought to standby status (if not

previously alerted) and, if appropriate, given messages to broadcast consistent with the situation via St. John the Baptist Parish EOC.

b. Activation

Upon notification, the DEP will activate the Parish EOC and other emergency response centers as appropriate. A Parish representative may be dispatched to the Waterford 3 EOC if the DEP feels conditions warrant such action at this time. All local emergency response organizations will report to their duty stations. Traffic control and transportation support personnel will prepare for possible evacuation and reception centers will prepare for opening should conditions warrant. Radio station WWL-AM/WLMG-FM (The EAS station for St. John Parish) will provide the public in the affected areas of St. John the Baptist Parish out to a 10-mile radius of Waterford 3 with periodic updates of the emergency.

4. General Emergency

a. Notification and Activation

Upon receipt of a classification of General Emergency by Waterford 3, the Public Safety dispatcher will notify the DEP (if not previously notified), other key individuals, and other supporting response organizations in accordance with established procedures, and emergency response centers will be activated. The Alert Notification System will be activated in the Parish.

b. All other response actions will be as for a Site Area Emergency.

5. Notification of the Public

a. The primary alert system for St. John the Baptist Parish is comprised of a combination of fixed sirens, helicopters fitted with mounted alerting devices, the Industrial Mutual Aid Radio net, cable TV override, automatic telephone dialing devices, school board radios, and the U.S. Coast Guard for the notification of ships along with the Mississippi River.

b. Upon determination that conditions at Waterford 3 warrant protective actions, the DEP will issue instructions for the activation of the primary alert system.

c. Should an element of the primary alert system fail, the DEP has available a number of backup methods including route alerting in populated and wetland areas, and commercial telephone.

- d. St. John Parish will contact WWL-AM/WLMG-FM for release of EAS messages.

F. Emergency Communications

This section describes the various communications systems available for prompt communications among principal organizations and emergency personnel, and to the public. A summary of communications systems available is shown in Figure F-1.

The Parish EOC provides the focus of communications for emergency operations. Direction, control and coordination emanates from the EOC through the Parish President and the DEP. Data and feedback relevant to the administration of emergency operations will be directed to the EOC.

1. W3SES Operational Hotline

The primary means of 24-hour per day notification and communications between W3SES and the St. John the Baptist Parish emergency response organization is the W3SES Operational Hotline. This is a dedicated telephone system which allows St. John the Baptist Parish, the other W3P, LDEQ and GOHSEP to receive emergency notification messages from W3SES simultaneously.

Locations equipped with a W3SES Operational Hotline include, but are not limited to, the following:

- W3SES Control Room
- W3SES Technical Support Center (TSC)
- W3SES Emergency Operations Facility (EOF)
- W3SES Back Up EOF
- St. John the Baptist Parish EOC
- St. John the Baptist Parish E-911 Communications Center.
- St. Charles Parish
- St. Charles Parish 911 Center
- LDEQ/REP&R Office, Baton Rouge
- GOHSEP EOC, Baton Rouge

The DEP will provide for 24-hour per day monitoring of the Waterford 3 Operational Hotline within the Parish.

2. Emergency Preparedness Radio System

The Emergency Preparedness Radio System serves as a backup communications system to the W3SES Operational Hotline. A receive-transmit console is available at the same locations listed above that are equipped with a W3SES Operational Hotline. DEP will provide 24-hour per day monitoring of the Emergency Preparedness Radio System within the Parish.

The Emergency Preparedness Radio System also serves as an alternate communications system to the commercial telephone for communicating with other W3P, LDEQ and GOHSEP.

3. Parish Radio Systems

Fixed, mobile and hand-held radios operating on various frequencies provide for communication between the Parish EOC and representatives from the following organizations (see also Figure F-1):

- Sheriff's Office
- Mutual Aid Industrial Plants
- Volunteer Fire Departments
- Hospitals
- Parish Public and Private Schools
- Emergency Medical Services
- State Police
- Parish Public Works and Public Utilities

4. Medical Support Facilities Communications Systems

A coordinated communications link for the Parish EOC, hospitals, and ambulances are provided by Emergency Medical Services and Fire/Rescue Communications Systems. These systems are comprised of either fixed/mobile radios or commercial telephones.

5. Commercial Telephone

Commercial telephone service is available at each emergency response facility. It can also be used as an alternate communication system. The Parish is primarily serviced by AT&T and Reserve Telecommunications (RTC) systems. Total breakdown is backed up by special lines outside the normal systems.

St. John the Baptist Parish has requested priority from AT&T and RTC for restoring service provided in the Parish EOC.

6. Paging System

Key emergency personnel in the emergency response organizations and supporting emergency personnel can be contacted through the paging system.

7. Alert Notification System

An Alert Notification System located throughout the 10-mile EPZ will be used to alert the public to listen to the radio station WWL-870 AM and WLMG-101.9 FM (the EAS radio stations). That portion of the system located within St. John the Baptist Parish will be activated from the Parish EOC. This system is maintained by Waterford 3. For more information, see the St. John the Baptist Parish Emergency Operations Plan Standard Operating Procedure: Emergency Operations Center [ESF #5 Emergency Management] – Attachment 4: Public Alert/Notification.

Special notification devices, such as automatic telephone dialing systems, are provided for special facilities including schools, hospitals, and major employers. Facilities with special notification devices are shown in Figure F-2. When activated, the DEP can provide information and instructions over the system.

Mobile sirens and public address systems mounted on patrol cars, fire department and other emergency vehicles, and helicopters could provide backup to the Alert Notification System.

8. Testing

Periodic testing of emergency communications and the Alert Notification System is conducted on a regularly scheduled basis (approximately monthly) in accordance with established procedures. For more information see LPRRP, Basic Plan, Chapter 4, Section IV.

FIGURE F-1

St. John The Baptist Parish Communications System

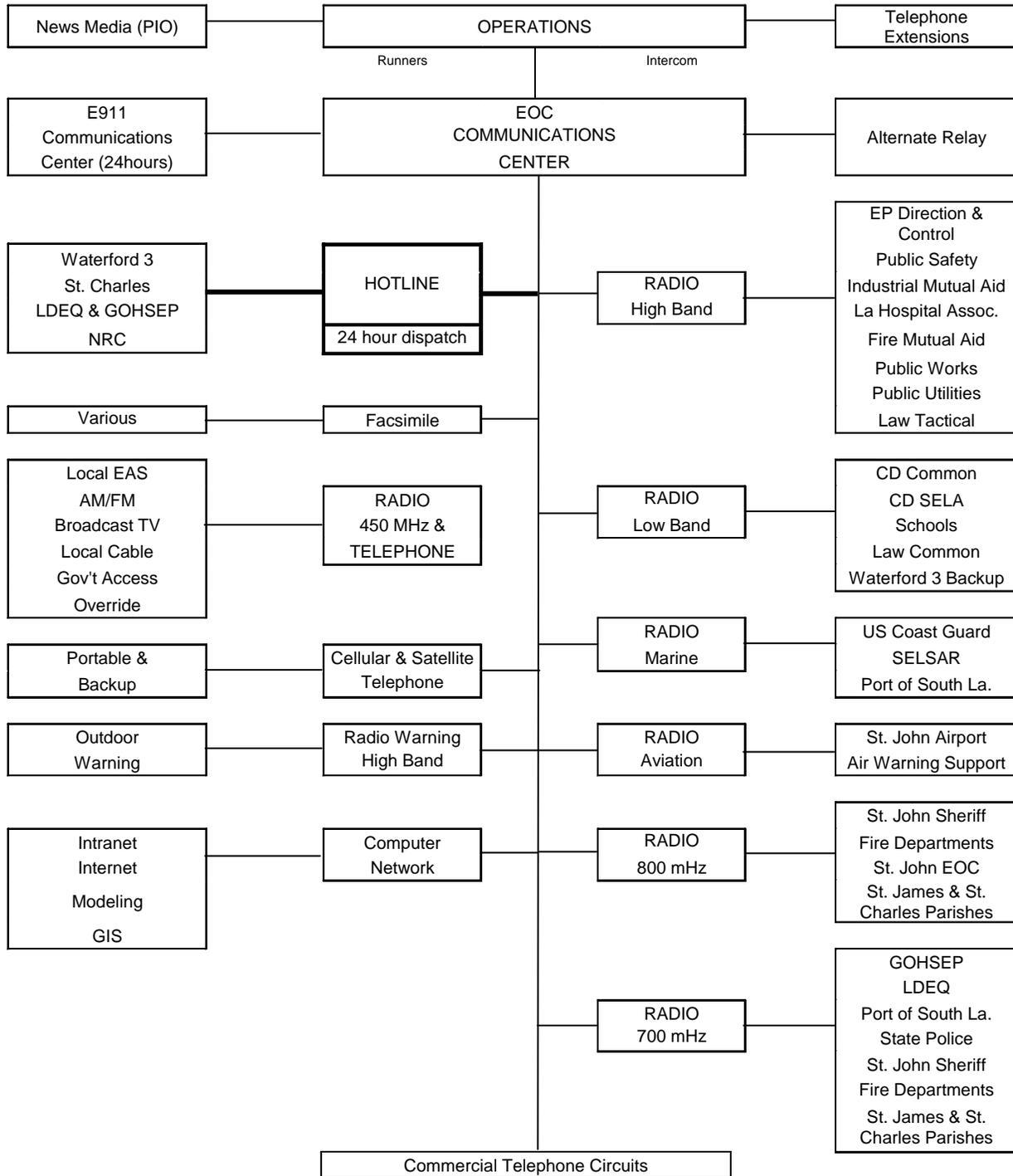


FIGURE F-2

Facilities with Special Notification Devices

Dupont – Pontchartrain Works
Marathon Petroleum Company
DPC Enterprises
Air Products
Nalco
Evonik/Stockhausen
ArcelorMittal
Pinnacle Polymers

Industrial Mutual Aid Radio System

Automatic telephone dialer includes day care centers, special facilities (nursing home, elderly high rise, etc.), private and parochial schools, which are not included on parish radio system and industries with high level background noise. Additionally, automatic telephone dialing devices include the parish's residential and commercial telephone database and this means may be used as a notification backup

Special facilities are listed in the St. John the Baptist Parish Emergency Operations Plan, Emergency Operations Center Standard Operating Procedure.

G. Protective Response for the Plume Exposure Pathway (10 Mile EPZ)

Waterford 3 Steam Electric Station (W3SES) will make a recommendation for protective response based on accident conditions. LDEQ will confirm or strengthen this recommendation as time and circumstances permit. The Parish will make a decision on the implementation of these recommendations based on local conditions and will report its decision to LDEQ as circumstances allow. St. John the Baptist Parish will advise on implementation of the protective response recommendation with GOHSEP.

Predetermined protective actions may be taken when the projected dose at any place and time appears to be at or above those recommended in Protective Action Guides (PAGs). The Parish and the 10-mile EPZ have been divided into Protective Action Sections (PAS) for designation of threatened areas and to denote where protective actions are to be taken. Tab A to Appendix B in Attachment 1 address the PAS in detail.

Protective Actions

Actions taken to protect the public may include any or all of the following:

- Notification of affected residents and transients to seek immediate shelter,
- Evacuation of transients and residents within a designated Protective Action Section to reception centers or shelter areas outside the ten mile EPZ,
- Control of entrance into affected areas,
- Implementation of respiratory protective procedures: people within the risk area will be advised to cover their noses and mouths with handkerchiefs, cloth, or other protective materials, and to limit air intake from heating or cooling systems if they take in outside air.
- Implementation of procedures to prevent the consumption and distribution of contaminated food and water supplies,
- Implementation of procedures to decontaminate persons when necessary.

1. Control of Entrance into Affected Areas

Under certain conditions, action will be taken to limit the number of people who enter an affected area. These conditions will be determined by the Parish President upon recommendations from LDEQ. The Parish Sheriff's Office will provide support to control access with assistance as requested from Louisiana State Police.

For more information, see the St. John the Baptist Emergency Operations

Plan, Standard Operating Procedure, Law Enforcement & Traffic Control.

2. Sheltering (in-place)

The decision to recommend taking shelter indoors will be made by the Parish President through the advice of LDEQ. The notification to take shelter indoors will be issued via the Alert Notification System and the EAS.

3. Evacuation

Evacuation of the General Public

Evacuation of any affected sections within St. John the Baptist Parish will be at the discretion and direction of the Parish President. If a "State of Emergency" has been declared by the Governor, under the provisions of the Louisiana Homeland Security and Emergency Assistance and Disaster Act, the Governor would direct the evacuation jointly with the Parish President. The basis for a decision to evacuate will be recommendations from Waterford 3 Steam Electric Station (W3SES) and LDEQ based on accident assessment and operational considerations at the time of emergency.

If the order to evacuate is given, evacuation will be by Protective Action Section. Citizens residing in a given section and ordered to evacuate will be instructed to proceed according to predetermined evacuation routes. All evacuation routes will lead citizens toward a reception center. Evacuees from St. John the Baptist Parish will initially report to the designated reception centers for registration, monitoring and decontamination (as required). If necessary, evacuees will then be routed to temporary shelters. Figure G-1 shows the location of the reception centers and shelter areas. Resources available to assist in evacuation of affected Parish areas are maintained in Parish Implementing Procedures or Resource Data Books.

The primary means of evacuating residents, transients, and industrial workers from the 10-mile EPZ will be by private automobiles. Announcements will be made via the EAS requesting that car-pooling arrangements be implemented to accommodate those without transportation, and multiple-car families will be encouraged to take only one car to minimize traffic congestion.

Strict traffic control measures will be utilized to:

- control ingress and egress of affected areas;
- maintain orderly flow of evacuated traffic;
- remove impediments on evacuation routes;
- assure access by ambulance and rescue vehicles; and

- assure area security.

Periodic patrols by law enforcement and/or other emergency personnel will canvass areas to:

- maintain order;
- assist disabled evacuees;
- confirm evacuation and remove remaining persons as required.

For more information, see the St. John the Baptist Emergency Operations Plan, Standard Operating Procedure, Law Enforcement & Traffic Control. See also the Waterford 3 SES Traffic and Control Points map and index.

Evacuation for Special Needs

Emergency Preparedness will maintain a current list of special-need evacuees. Emergency Preparedness will coordinate with all available transportation providers for the special-need transportation resources of these persons.

For more information, see the St. John the Baptist Emergency Operations Plan:

- Standard Operating Procedure, Health Services, and
- Standard Operating Procedure, Transportation Services.

Schools

Protective response measures will be implemented to minimize radiological exposure risks to school children. If a decision to evacuate is made during school session, school children located within the 10-mile Emergency Planning Zone will be placed on school buses and transported outside the 10-mile Emergency Planning Zone to a designated Reception Center. Children will remain under the supervision of school personnel until they are returned to their parents.

For more information, see the St. John the Baptist Emergency Operations Plan:

- Standard Operating Procedure, School Services, and
- Standard Operating Procedure, Transportation Services.

Medical Facilities

Protective response measures for River Parishes Hospital, Twin Oaks Nursing Home, and the Southeast Louisiana War Veterans Home must be coordinated with the Parish EOC's Health/Medical Officer and the Louisiana Department of Health and Hospitals. Overall responsibility for appropriate

actions rests with the Administrator of each facility.

Predesignated reception facilities are identified in facility emergency plans and Parish implementing procedures.

For more information, see the St. John the Baptist Emergency Operations Plan, Standard Operating Procedure, Health Services.

Incarceration Facilities

The Parish Prison is located in LaPlace, approximately 5.7 miles from Waterford 3. Sheltering, respiratory protection, or the use of radioprotective drugs may be recommended as an alternative to evacuation depending upon the circumstances surrounding the accident.

The St. John the Baptist Parish Sheriff is responsible for the protection of prisoners incarcerated in the Parish Prison. The Sheriff will implement those actions necessary for the protection of Parish Prison prisoners. If an evacuation is recommended but cannot be immediately accomplished, the use of radioprotective drugs will be considered. These substances will only be administered to prisoners with the concurrence of the Secretary of LDEQ, his Official Designee, or the State Health Officer.

If circumstances warrant, an evacuation of the Parish Prison will be accomplished using designated transportation resources. Agreements have been reached with the Sheriffs of neighboring Parishes and State Police for the transportation and confinement of prisoners during an evacuation.

For more information, see the St. John the Baptist Emergency Operations Plan:

- Standard Operating Procedure, Health Services
- Standard Operating Procedure, Law Enforcement & Traffic Control

Major Industry and Parks

Major industries and industrial parks which lie within the Parish portion of the 10-mile EPZ will be notified. No additional transportation is expected to be needed beyond vehicles already available at these locations at the time of an emergency.

For more information, see the St. John the Baptist Emergency Operations Plan:

- Emergency Operations Center Standard Operating Procedure, Attachment 4, Public Alert/Notification

FIGURE G-1

St. John The Baptist Parish Reception Centers and Shelter Locations

RECEPTION CENTERS:

<u>Support Parish</u>	<u>Reception Centers</u>
Tangipahoa	Hammond High School 45168 River Road Hammond, LA
East Baton Rouge	Baton Rouge River Center 275 S River Road Baton Rouge, LA
Jefferson	Pontchartrain Center 4545 Williams Boulevard Kenner, LA
Jefferson	Alario Center 2000 Segnette Boulevard Westwego, LA
Lafourche	Central Lafourche High School 4820 Highway 1 Matthews, LA

SHELTERS:

St. Charles and St. John the Baptist Parishes, as the 10-mile EPZ risk parishes during an emergency at Waterford 3 Steam Electric Station, will direct evacuees to reception centers located outside the 10-mile EPZ in support parishes.

These support parishes include Tangipahoa, Jefferson, Orleans, East Baton Rouge and Lafourche.

Shelter assignments in the support parishes will be made in conjunction with American Red Cross. Shelter capacities are maintained by American Red Cross representatives.

The support parish is responsible for managing its designated reception center, including staffing, arrangements for handling students at the center and provisions for the radiological monitoring of evacuees. Students are under the supervision of their respective school until a parent or designee can take over the supervision.

H. Public Health Support

1. Reception and Care

Following decontamination (if necessary) at the reception center, an initial registration of evacuees will be accomplished by the Louisiana Department of Children and Family Services. Health and medical care will be provided to evacuees as necessary. Evacuees will be directed to shelters made available through the American Red Cross.

A second, more detailed registration of evacuees will be accomplished at the shelters by the American Red Cross in conjunction with the Louisiana Department of Children and Family Services. Registration data will be tabulated and submitted to the Emergency Operations Center. Food, clothing, and health and medical care will be provided to the evacuees as needed. When the situation subsides, evacuees will be allowed to re-enter the affected area in accordance with procedures described in the General Plan.

2. Medical

Injured evacuees may be treated at the River Parishes Hospital. The primary hospital for medical support for contaminated injured persons will be provided by Ochsner Medical Center or West Jefferson Hospital. The secondary or backup hospital is Our Lady of the Lake Regional Medical Center.

I. Appendices

Appendix II-1: List of Parish Radiological Emergency Implementing Procedures.

APPENDIX II-1

Responsibilities for Radiological Emergency Implementing Procedures

Implementing Procedures have been prepared by functional areas. Staff responsibilities associated with functional areas is as follows. (Specific areas of responsibility/coordination appear in the appropriate Implementing Procedures.)

1. Public Alert/Notification
 - a. Parish President
 - b. Director of Emergency Preparedness
 - c. Fire/Rescue Officer
 - d. School Services Officer
 - e. Health/Medical Officer

2. Public Information
 - a. Parish President
 - b. Director of Emergency Preparedness
 - c. Public Information Officer

3. Radiological Exposure Control
 - a. Parish President
 - b. Director of Emergency Preparedness
 - c. Radiological Officer

4. Transportation Services
 - a. Director of Emergency Preparedness
 - b. Transportation Officer
 - c. School Services Officer
 - d. Health/Medical Officer

5. School Services
 - a. Director of Emergency Preparedness
 - b. School Services Officer
 - c. Transportation Officer

6. Health and Medical Services
 - a. Director of Emergency Preparedness

- b. Health/Medical Officer
 - c. Transportation Officer
 - d. Radiological Officer
7. Fire and Rescue Services
- a. Director of Emergency Preparedness
 - b. Fire/Rescue Officer
 - c. Radiological Officer
8. Law Enforcement and Traffic Control
- a. Director of Emergency Preparedness
 - b. Law Enforcement and Traffic Control Officer
 - c. Radiological Officer
 - d. Public Works Officer
9. Public Works and Public Utilities
- a. Director of Emergency Preparedness
 - b. Public Works Officer
 - c. Public Utilities Officer
 - d. Law Enforcement Officer
 - e. Transportation Officer
 - f. Radiological Officer