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Waterford 3

W3F1-97-0196
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July 23, 1997

U.S. Nuclear Regulatory Commission
ATTN: Document Control Desk
Washington, D.C. 20555

Subject: Waterford 3 SES
Docket No. 50-382
License No. NPF-38
Emergency Preparedness Exercise Objectives

Gentlemen:

Attached are the objectives and guidelines for the Waterford 3 emergency preparedness exercise which is scheduled for November 5, 1997.

The list of objectives is cross-referenced where applicable to relevant sections of NUREG-0654 and the FEMA exercise objectives from the Exercise Evaluation Methodology Manual.

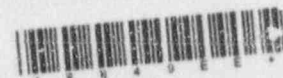
Should you have any questions concerning the objectives or guidelines, please contact J.J. Lewis, Emergency Planning Manager, at (504) 739-6624.

Very truly yours,

E.C. Ewing
Director
Nuclear Safety & Regulatory Affairs

ECE/GCS/tjs
Attachments

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cc: E.W. Merschoff, NRC Region IV
C.P. Patel, NRC-NRR
G.M. Good, NRC Region IV
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NRC Resident Inspectors Office

ATTACHMENT 1

EXERCISE OBJECTIVES

WATERFORD 3 BIENNIAL EXERCISE
NOVEMBER 5, 1997

II. OBJECTIVES

As a result of discussions between Waterford 3 staff, the Nuclear Regulatory Commission - Region IV (NRC), the Federal Emergency Management Agency - Region VI (FEMA), the Louisiana Radiation Protection Division (LRPD), the Louisiana Office of Emergency Preparedness (LOEP), St. Charles and St. John the Baptist Parishes, the following general objectives and guidelines have been developed for the 1997 Emergency Preparedness Exercise at the Waterford 3 Steam Electric Station, which is scheduled to be conducted on November 5, 1997.

A. FOR THE ENTERGY OPERATIONS, INC. (LICENSEE) EMERGENCY RESPONSE ORGANIZATION:

1. Demonstrate the ability of the emergency organization to correctly assess the simulated accident conditions and declare the appropriate emergency classifications in accordance with EP-001-001, Recognition and Classification of Emergency Conditions. (B.2, D.1, D.2, I.1, I.2)
2. Demonstrate the ability to make appropriate protective action recommendations in accordance with EP-002-052, Protective Action Guidelines. (B.2, B.4, J.7, J.10m)
3. Demonstrate the ability to mobilize the Onsite (TSC and OSC) and Nearsite (EOF) emergency response personnel in accordance with the applicable classification procedure (EP-001-010, Unusual Event; EP-001-020, Alert; EP-001-030, Site Area Emergency; EP-001-040, General Emergency) and; EP-002-015, Emergency Responder Activation. (A.1e, B.1, B.5, B.7, E.2, F.1e, H.1, H.4)
4. Demonstrate the ability to activate the Technical Support Center (TSC) in accordance with EP-002-100, Technical Support Center (TSC) Activation, Operation and Deactivation. (B.1-B.5, B.7, E.2, F.1.e, H.1, H.4, N.1.b)
5. Demonstrate the ability to activate the Operational Support Center (OSC) in accordance with EP-002-101, Operational Support Center (OSC) Activation, Operation and Deactivation. (B.1-B.5, B.7, E.2, F.1.e, H.1, H.4, N.1.b)
6. Demonstrate the ability to coordinate repair team activities between the TSC, the OSC and -4 Control Point in accordance with EP-002-130, Emergency Team Assignments. (O.4.e)
7. Demonstrate the ability to activate the Emergency Operations Facility (EOF) in accordance with EP-002-102, Emergency Operations Facility (EOF) Activation, Operation and Deactivation. (B.1-B.5, B.7, E.2, F.1.e, H.2, H.4, N.1.b)

WATERFORD 3 BIENNIAL EXERCISE
NOVEMBER 5, 1997

II. OBJECTIVES (CONT'D)

8. Demonstrate the ability to fully alert, mobilize and activate the Emergency News Center (ENC) emergency response personnel (including the Rumor Control Center) in accordance with SSI-421, Emergency News Center Activation, and SSI-430, Rumor Control Supervisor. (E.2, F.1.e, G.3, G.4, H.4, N.1.b)
9. Demonstrate the ability to notify and update federal, state and local offsite agencies in accordance with EP-002-010, Notifications and Communications. (B.2, B.4, E.1-E.4, F.1, F.2, J.7, N.2.a)
10. Demonstrate the ability of the senior facility managers to direct, coordinate and control the activities of their facilities throughout the exercise. (B.1-B.3, B.5)
11. Demonstrate the ability to transfer command and control of the emergency response in a timely manner in accordance with EP-002-100, Technical Support Center (TSC) Activation, Operation and Deactivation, and EP-002-102, Emergency Operations Facility (ECF) Activation, Operation and Deactivation. (A.1.d, A.2.a, A.4, B.3-5)
12. Demonstrate the adequacy of facilities, equipment, displays and other materials to support emergency operations. (H.1, H.2, H.3, H.5, H.6, H.9)
13. Demonstrate effective use of 3-way communications methods between emergency response personnel in accordance with EP-003-060, Emergency Communications Guidelines, such that there is no miscommunication of: information necessary to protect the health and safety of the public; information necessary to protect the health and safety of the emergency response personnel; information necessary to mitigate the consequences of a radiological release or; information necessary for emergency classification and protective action recommendation decision-making activities. (Exercise Weakness 50-382/9514-01)
14. Demonstrate adequate and effective use of emergency communications equipment and communications procedures and methods necessary to establish and maintain communications with:
 - a) All Waterford 3 emergency response facilities. (E.2, F.1.d)
 - b) Parish, State and Federal agencies. (C.1, E.4, F.1.a, F.1.b, F.1.c, N.2.a)
 - c) Radiological Field Monitoring Teams. (F.1.d, H.6, H.12)
 - d) In-plant emergency teams. (H.9)
 - e) The selected offsite assembly area. (J.1)
 - f) Local and industry emergency support organizations, as required. (E.4, F.1.a, F.2, H.6)

WATERFORD 3 BIENNIAL EXERCISE
NOVEMBER 5, 1997

II. OBJECTIVES (CONT'D)

15. Demonstrate the ability to monitor and assess onsite radiological conditions and control exposure of emergency response personnel in accordance with EP-002-030, Emergency Radiation Exposure Guidelines and Controls, EP-002-031, In-Plant Radiological Controls and Surveys During Emergencies, EP-002-032, Monitoring and Contamination, and EP-002-034, Onsite Surveys During Emergencies. (K.1, K.2, K.3, K.5, K.6)
16. Demonstrate the ability of the offsite radiological monitoring field teams to collect and report radiological field data, including environmental samples and surveys in accordance with EP-002-060, Radiological Field Monitoring, and EP-002-061, Emergency Environmental Monitoring. (I.3, I.4, I.7-I.9, H.7, N.2.d)
17. Demonstrate the ability to perform offsite dose projection calculations in accordance with EP-002-050, Offsite Dose Assessment (Manual), and/or EP-002-051, Offsite Dose Assessment (Computerized). (E.3, E.4, H.12, I.3, I.4, I.6, I.8, I.9, I.10, J.7, N.2.d)
18. Demonstrate coordination of protective action decision making activities with NRC and Louisiana Radiation Protection Division in the Emergency Operations Facility. (J.3, J.6, J.7, K.1-K.3, K.5, K.6, N.2.a, N.2.d)
19. Demonstrate the ability to accurately assess the accident conditions and implement effective accident mitigation decision making activities. (I.1, I.2)
20. Demonstrate the ability of the emergency organization to perform re-classification (downgrade) decision-making and to de-escalate emergency response activities in accordance with EP-001-001, Recognition and Classification of Emergency Conditions, and EP-002-170, Recovery, as necessary. (D.1, D.2, I.1, I.2)
21. Demonstrate the ability to perform a Protected Area evacuation and offsite assembly by evacuating non-essential personnel in the Protected Area to parking lots and sending a selected group of personnel to an offsite assembly area. (J.1-J.5)
22. Demonstrate the ability to perform accountability in the Protected Area by providing names of missing persons to the TSC Supervisor within 30 minutes after a site evacuation has been directed in accordance with EP-002-190, Personnel Accountability. (J.5)
23. Demonstrate the ability to perform continuous accountability activities for the onshift, onsite and nearsite emergency organizations in accordance with EP-002-190, Personnel Accountability, and EP-002-102, Emergency Operations Facility (EOF) Activation, Operation and Deactivation. (J.5)

WATERFORD 3 BIENNIAL EXERCISE
NOVEMBER 5, 1997

1. OBJECTIVES (CONT'D)

24. Demonstrate the ability to conduct a post-exercise critique to determine areas requiring additional improvements in accordance with EP-003-020, Emergency Preparedness Drills and Exercises. (N.4, N.5)

B. LOUISIANA OFFICE OF EMERGENCY PREPAREDNESS (STATE EOC)

1. Demonstrate the capability to alert and fully mobilize personnel for both emergency facilities and field operations. Demonstrate the capability to activate and staff emergency facilities for emergency operations. (FEMA OBJECTIVE #1)
2. Demonstrate the adequacy of facilities, equipment, displays and other materials to support emergency operations. (FEMA OBJECTIVE #2)
3. Demonstrate the capability to direct and control emergency operations. (FEMA OBJECTIVE #3)
4. Demonstrate the capability to communicate with all appropriate emergency personnel at facilities and in the field. (FEMA OBJECTIVE #4)

C. LOUISIANA RADIATION PROTECTION DIVISION AT THE WATERFORD 3 EOP

1. Demonstrate the capability to alert and fully mobilize personnel for both emergency facilities and field operations. Demonstrate the capability to activate and staff emergency facilities for emergency operations. (FEMA OBJECTIVE #1)
2. Demonstrate the adequacy of facilities, equipment, displays and other materials to support emergency operations. (FEMA OBJECTIVE #2)
3. Demonstrate the capability to direct and control emergency operations. (FEMA OBJECTIVE #3)
4. Demonstrate the capability to communicate with all appropriate emergency personnel at facilities and in the field. (FEMA OBJECTIVE #4)
5. Demonstrate the capability to continuously monitor and control radiation exposure to emergency workers. (FEMA OBJECTIVE #5)
6. Demonstrate the capability to develop dose projections and protective action recommendations regarding evacuation and sheltering. (FEMA OBJECTIVE #7)
7. Demonstrate the capability and resources to implement potassium iodide (KI) protective actions for emergency workers, institutionalized individuals, and, if the State plan specifies, the general public. (FEMA OBJECTIVE #14)

WATERFORD 3 BIENNIAL EXERCISE
NOVEMBER 5, 1997

II. OBJECTIVES (CONT'D)

D. LOUISIANA RADIATION PROTECTION DIVISION FIELD TEAMS

1. Demonstrate the capability to alert and fully mobilize personnel for both emergency facilities and field operations. Demonstrate the capability to activate and staff emergency facilities for emergency operations. (FEMA OBJECTIVE #1)
2. Demonstrate the capability to communicate with all appropriate emergency personnel at facilities and in the field. (FEMA OBJECTIVE #4)
3. Demonstrate the capability to continuously monitor and control radiation exposure to emergency workers. (FEMA OBJECTIVE #5)
4. Demonstrate the appropriate use of equipment and facilities for determining field radiation measurements. (FEMA OBJECTIVE #6)
5. Demonstrate the appropriate use of equipment and procedures for the measurement of airborne radioiodine concentrations as low as 10^{-7} (.0000001) microcuries per cubic centimeter in the presence of noble gases and obtain samples of particulate activity in the airborne plume. (FEMA OBJECTIVE #8)

E. LOUISIANA RADIATION PROTECTION DIVISION LABORATORY

1. Demonstrate the capability to alert and fully mobilize personnel for both emergency facilities and field operations. Demonstrate the capability to activate and staff emergency facilities for emergency operations. (FEMA OBJECTIVE #1)
2. Demonstrate the capability to communicate with all appropriate emergency personnel at facilities and in the field. (FEMA OBJECTIVE #4)
3. Demonstrate the capability to continuously monitor and control radiation exposure to emergency workers. (FEMA OBJECTIVE #5)
4. Demonstrate laboratory operations and procedures for measuring and analyzing samples. (FEMA OBJECTIVE #25)

WATERFORD 3 BIENNIAL EXERCISE
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II. OBJECTIVES (CONT'D)

F. EMERGENCY NEWS CENTER (ENC)

1. Demonstrate the capability to alert and fully mobilize personnel for both emergency facilities and field operations. Demonstrate the capability to activate and staff emergency facilities for emergency operations. (FEMA OBJECTIVE #1)
2. Demonstrate the adequacy of facilities, equipment, displays, and other materials to support emergency operations. (FEMA OBJECTIVE #2)
3. Demonstrate the capability to communicate with all appropriate emergency personnel at facilities and in the field. (FEMA OBJECTIVE #4)
4. Demonstrate the capability to coordinate the development and dissemination of clear, accurate, and timely information to the news media. (FEMA OBJECTIVE #12)
5. Demonstrate the capability to establish and operate rumor control in a coordinated and timely manner. (FEMA OBJECTIVE #13)
6. Demonstrate the capability to maintain staffing on a continuous, 24-hour basis through an actual shift change. (FEMA OBJECTIVE #30)

G. ST. CHARLES EOC

1. Demonstrate the capability to alert and fully mobilize personnel for both emergency facilities and field operations. Demonstrate the capability to activate and staff emergency facilities for emergency operations. (FEMA OBJECTIVE #1)
2. Demonstrate the adequacy of facilities, equipment, displays, and other materials to support emergency operations. (FEMA OBJECTIVE #2)
3. Demonstrate the capability to direct and control emergency operations. (FEMA OBJECTIVE #3)
4. Demonstrate the capability to communicate with all appropriate emergency personnel at facilities and in the field. (FEMA OBJECTIVE #4)
5. Demonstrate the capability to continuously monitor and control radiation exposure to emergency workers. (FEMA OBJECTIVE #5)
6. Demonstrate the capability to make timely and appropriate protective action decisions (PAD). (FEMA OBJECTIVE #9)

WATERFORD 3 BIENNIAL EXERCISE
NOVEMBER 5, 1997

II. OBJECTIVES (CONT'D)

G. ST. CHARLES EOC (CONT'D)

7. Demonstrate the capability to promptly alert and notify the public within the 10-mile plume pathway emergency planning zone (EPZ) and disseminate instructional messages to the public on the basis of decisions by appropriate State or local officials. (FEMA OBJECTIVE #10)
8. Demonstrate the capability to coordinate the formulation and dissemination of accurate information and instructions to the public. (FEMA OBJECTIVE #11)
9. Demonstrate the capability and resources to implement potassium iodide (KI) protective actions for emergency workers, institutionalized individuals, and, if the State plan specifies, the general public. (FEMA OBJECTIVE #14)
10. Demonstrate the capability and resources necessary to implement appropriate protective actions for special populations. (FEMA OBJECTIVE #15)
11. Demonstrate the capability and resources necessary to implement protective actions for school children within the plume pathway emergency planning zone. (FEMA OBJECTIVE #16)
12. Demonstrate the organizational capability and resources necessary to control evacuation traffic flow and to control access to evacuated and sheltered areas. (FEMA OBJECTIVE #17)
13. Demonstrate the capability to identify the need for external assistance and to request such assistance from Federal or other support organizations. (FEMA OBJECTIVE #23)

H. ST. JOHN THE BAPTIST EOC

1. Demonstrate the capability to alert and fully mobilize personnel for both emergency facilities and field operations. Demonstrate the capability to activate and staff emergency facilities for emergency operations. (FEMA OBJECTIVE #1)
2. Demonstrate the adequacy of facilities, equipment, displays, and other materials to support emergency operations. (FEMA OBJECTIVE #2)
3. Demonstrate the capability to direct and control emergency operations. (FEMA OBJECTIVE #3)
4. Demonstrate the capability to communicate with all appropriate emergency personnel at facilities and in the field. (FEMA OBJECTIVE #4)

WATERFORD 3 BIENNIAL EXERCISE
NOVEMBER 5, 1997

II. OBJECTIVES (CONT'D)

H. ST. JOHN THE BAPTIST EOC (CONT'D)

5. Demonstrate the capability to continuously monitor and control radiation exposure to emergency workers. (FEMA OBJECTIVE #5)
6. Demonstrate the capability to make timely and appropriate protective action decisions (PAD). (FEMA OBJECTIVE #9)
7. Demonstrate the capability to promptly alert and notify the public within the 10-mile plume pathway emergency planning zone (EPZ) and disseminate instructional messages to the public on the basis of decisions by appropriate State or local officials. (FEMA OBJECTIVE #10)
8. Demonstrate the capability to coordinate the formulation and dissemination of accurate information and instructions to the public. (FEMA OBJECTIVE #11)
9. Demonstrate the capability and resources to implement potassium iodide (KI) protective actions for emergency workers, institutionalized individuals, and, if the State plan specifies, the general public. (FEMA OBJECTIVE #14)
10. Demonstrate the capability and resources necessary to implement appropriate protective actions for special populations. (FEMA OBJECTIVE #15)
11. Demonstrate the capability and resources necessary to implement protective actions for school children within the plume pathway emergency planning zone. (FEMA OBJECTIVE #16)
12. Demonstrate the organizational capability and resources necessary to control evacuation traffic flow and to control access to evacuated and sheltered areas. (FEMA OBJECTIVE #17)
13. Demonstrate the capability to identify the need for external assistance and to request such assistance from Federal or other support organizations. (FEMA OBJECTIVE #23)

WATERFORD 3 BIENNIAL EXERCISE
NOVEMBER 5, 1997

II. OBJECTIVES (CONT'D)

I. ST. JAMES PARISH EOC

1. Demonstrate the capability to alert and fully mobilize personnel for both emergency facilities and field operations. Demonstrate the capability to activate and staff emergency facilities for emergency operations. (FEMA OBJECTIVE #1)
2. Demonstrate the adequacy of facilities, equipment, displays, and other materials to support emergency operations. (FEMA OBJECTIVE #2)
3. Demonstrate the capability to direct and control emergency operations. (FEMA OBJECTIVE #3)
4. Demonstrate the capability to communicate with all appropriate emergency personnel at facilities and in the field. (FEMA OBJECTIVE #4)
5. Demonstrate the capability to maintain staffing on a continuous, 24-hour basis through an actual shift change. (FEMA OBJECTIVE #30)

J. THE CITY OF NEW ORLEANS EOC

1. Demonstrate the capability to alert and fully mobilize personnel for both emergency facilities and field operations. Demonstrate the capability to activate and staff emergency facilities for emergency operations. (FEMA OBJECTIVE #1)
2. Demonstrate the adequacy of facilities, equipment, displays, and other materials to support emergency operations. (FEMA OBJECTIVE #2)
3. Demonstrate the capability to direct and control emergency operations. (FEMA OBJECTIVE #3)
4. Demonstrate the capability to communicate with all appropriate emergency personnel at facilities and in the field. (FEMA OBJECTIVE #4)
5. Demonstrate the capability to maintain staffing on a continuous, 24-hour basis through an actual shift change. (FEMA OBJECTIVE #30)

WATERFORD 3 BIENNIAL EXERCISE
NOVEMBER 5, 1997

II. OBJECTIVES (CONT'D)

K. UNIVERSITY OF NEW ORLEANS RECEPTION CENTER

1. Demonstrate the capability to alert and fully mobilize personnel for both emergency facilities and field operations. Demonstrate the capability to activate and staff emergency facilities for emergency operations. (FEMA OBJECTIVE #1)
2. Demonstrate the capability to communicate with all appropriate emergency personnel at facilities and in the field. (FEMA OBJECTIVE #4)
3. Demonstrate the capability to continuously monitor and control radiation exposure to emergency workers. (FEMA OBJECTIVE #5)
4. Demonstrate the adequacy of procedures, facilities, equipment, and personnel for the radiological monitoring, decontamination, and registration of evacuees. (FEMA OBJECTIVE #18)
5. Demonstrate the adequacy of facilities, equipment, supplies, personnel, and procedures for congregate care of evacuees. (FEMA OBJECTIVE #19)
6. Demonstrate the capability to maintain staffing on a continuous, 24-hour basis through an actual shift change. (FEMA OBJECTIVE #30)

L. BONNABEL RECEPTION CENTER

1. Demonstrate the capability to alert and fully mobilize personnel for both emergency facilities and field operations. Demonstrate the capability to activate and staff emergency facilities for emergency operations. (FEMA OBJECTIVE #1)
2. Demonstrate the capability to communicate with all appropriate emergency personnel at facilities and in the field. (FEMA OBJECTIVE #4)
3. Demonstrate the capability to continuously monitor and control radiation exposure to emergency workers. (FEMA OBJECTIVE #5)
4. Demonstrate the adequacy of procedures, facilities, equipment, and personnel for the radiological monitoring, decontamination, and registration of evacuees. (FEMA OBJECTIVE #18)
5. Demonstrate the adequacy of facilities, equipment, supplies, personnel, and procedures for congregate care of evacuees. (FEMA OBJECTIVE #19)
6. Demonstrate the capability to maintain staffing on a continuous, 24-hour basis through an actual shift change. (FEMA OBJECTIVE #30)

WATERFORD 3 BIENNIAL EXERCISE
NOVEMBER 5, 1997

II OBJECTIVES (CONT'D)

M. KENNER MONITORING/DECONTAMINATION STATION

1. Demonstrate the capability to alert and fully mobilize personnel for both emergency facilities and field operations. Demonstrate the capability to activate and staff emergency facilities for emergency operations. (FEMA OBJECTIVE #1)
2. Demonstrate the capability to communicate with all appropriate emergency personnel at facilities and in the field. (FEMA OBJECTIVE #4)
3. Demonstrate the capability to continuously monitor and control radiation exposure to emergency workers. (FEMA OBJECTIVE #5)
4. Demonstrate the adequacy of procedures for the monitoring and decontamination of emergency workers, equipment and vehicles. (FEMA OBJECTIVE #22)
5. Demonstrate the capability to maintain staffing on a continuous, 24-hour basis through an actual shift change. (FEMA OBJECTIVE #30)

N. OCHSNER FOUNDATION HOSPITAL

1. Demonstrate the capability to alert and fully mobilize personnel for both emergency facilities and field operations. Demonstrate the capability to activate and staff emergency facilities for emergency operations. (FEMA OBJECTIVE #1)
2. Demonstrate the capability to communicate with all appropriate emergency personnel at facilities and in the field. (FEMA OBJECTIVE #4)
3. Demonstrate the capability to continuously monitor and control radiation exposure to emergency workers. (FEMA OBJECTIVE #5)
4. Demonstrate the adequacy of the equipment, procedures, supplies, and personnel of medical facilities responsible for treatment of contaminated, injured, or exposed individuals. (FEMA OBJECTIVE #21)

WATERFORD 3 BIENNIAL EXERCISE
NOVEMBER 5, 1997

II. OBJECTIVES (CONT'D)

O. ST. CHARLES EMS

1. Demonstrate the capability to alert and fully mobilize personnel for both emergency facilities and field operations. Demonstrate the capability to activate and staff emergency facilities for emergency operations. (FEMA OBJECTIVE #1)
2. Demonstrate the capability to communicate with all appropriate emergency personnel at facilities and in the field. (FEMA OBJECTIVE #4)
3. Demonstrate the capability to continuously monitor and control radiation exposure to emergency workers. (FEMA OBJECTIVE #5)
4. Demonstrate the adequacy of vehicles, equipment, procedures, and personnel for transporting contaminated, injured, or exposed individuals. (FEMA OBJECTIVE #20)

ATTACHMENT 2

EXERCISE GUIDELINES

WATERFORD 3 BIENNIAL EXERCISE
NOVEMBER 5, 1997

III. GUIDELINES

To define the scope and extent of participation by organizations and "participants", the following guidelines are established in order to meet the objectives listed in Section II of this manual.

A. General Guidelines

1. The exercise will be conducted on November 5, 1997. Exercise participants will not possess prior knowledge of the exercise start time, and will follow normal routines for that day until mobilized as part of the emergency response.
2. The Control Room staff will operate from the Waterford 3 Simulator. Prior to the start of the exercise, a shift briefing will be conducted in the Simulator. The briefing will include "on-shift" exercise participants from Operations, Maintenance, Chemistry and Radiation Protection. The participants will be briefed on the postulated plant conditions and general guidelines for the conduct of the exercise. Following this briefing, the in-plant shift personnel will return to their normal workstations.
3. The exercise will commence with a postulated condition necessitating the declaration of an emergency classification and escalate to require other emergency classification declarations.
4. The scenario contains simulated radiological release conditions which will require consideration of protective actions for the general public.
5. Exercise participants will perform, as appropriate, radiological monitoring and dose assessment activities. Radiological field monitoring teams will be dispatched in order to evaluate response time, communications and monitoring procedures.
6. The Emergency News Center (ENC) will be staffed and activated. Participation by members of the media will be simulated. News bulletins will be made which depict simulated exercise events. However, no exercise press bulletins will be made to the public.
7. If postulated accident conditions warrant evacuation of non-essential site personnel, a small number of pre-designated personnel will proceed to the offsite assembly area selected by the exercise participants. All other non-essential personnel in the Protected Area will be assembled in station parking lots or accounted for. Once accountability procedures have been completed, assembled personnel will return to their normal work stations.

WATERFORD 3 BIENNIAL EXERCISE
NOVEMBER 5, 1997

III. GUIDELINES (CONT'D)

NOTE

Care shall be taken to assure individuals who may overhear or observe exercise activities are not misled into believing that an actual emergency situation exists.

8. All emergency communications that are part of the exercise shall be clearly identified as part of the exercise. Verbal communications shall be initiated and closed by the statement "This is a drill". Any use of plant alarms (Station Alarm or Fire Alarm) will be preceded by announcing "This is a drill" over the plant page system. Any exercise documentation transmitted via facsimile machine shall have the word "Drill" stamped on them prior to transmittal.
9. Methodology and assumptions related to the development of data for specific areas are provided with the data in Section VII of this manual.
10. Exercise participants will include the following emergency organizations:

Waterford 3

Onshift Emergency Organization (Normal Operations Shift Personnel)

Onsite Emergency Organization (TSC and OSC)

Nearsite Emergency Organization (EOF)

All Waterford 3 site personnel are potential participants, since the site personnel are expected to report abnormal conditions observed during the exercise, such as smoke, unusual noises, etc. The emergency organization may also call out additional personnel to assist in the response to the simulated emergency conditions.

Entergy - Louisiana

Offsite Emergency Organization (ENC)

Waterford 1&2 Control Room

Limited participation (Communications Only)

Entergy district offices and maintenance divisions will not participate in this exercise. Communications with these groups may be initiated but their response will be simulated.

WATERFORD 3 BIENNIAL EXERCISE
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III. GUIDELINES (CONT'D)

Offsite Organizations

Entergy Operations, Inc. Headquarters

Corporate Emergency Center (CEC)
Full participation

State of Louisiana

Louisiana Radiation Protection Division
Full participation. LRPD will staff positions in the Waterford 3 EOF and
ENC.

Louisiana Office of Emergency Preparedness
Full participation.

St. Charles Parish

Department of Emergency Preparedness
Full participation.

St. John the Baptist Parish

Office of Civil Defense
Full participation.

St. James Parish

Direction of Support Parish activities.

The City of New Orleans

Direction of Support Parish activities.

University of New Orleans

Reception Center activities.

Bonnabel Reception Center

Reception Center activities.

Kenner Monitoring/Decontamination Station

Emergency Worker Decontamination Station activities.

WATERFORD 3 BIENNIAL EXERCISE
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III. GUIDELINES (CONT'D)

Ochsner Foundation Hospital

Treatment and decontamination of simulated contaminated injured person.

St. Charles Parish Hospital Emergency Medical Service

Handling, treatment and transport of simulated contaminated injured person.

B. Safety Precautions

1. Personnel will not, in response to the postulated accident conditions, take any action which jeopardizes plant or personnel safety.
2. Valves, breakers, and controls shall not be manipulated in response to this exercise except as necessary to meet a specific exercise objective. Actual operation of valves, breakers and controls that may be required to meet an objective will be coordinated between the drill Shift Superintendent and real Shift Superintendent and must be authorized by the real Shift Superintendent.
3. In the event an actual emergency occurs during the conduct of this exercise, the drill Emergency Coordinator shall immediately contact the real Shift Superintendent and coordinate available resources to mitigate the emergency.
 - In the case of an actual fire report, the "operating shift" will provide the initial response.
 - In the case of an actual medical emergency, the "operating shift" will provide the initial response until relieved of that responsibility by the drill shift.
 - The drill clock and exercise activities can be stopped at the discretion of the drill Emergency Coordinator and the real Shift Superintendent until the actual emergency is assessed and/or under control.
 - Qualified drill participants and drill control team members can be directed to support the real Shift Superintendent in response to the actual emergency.
4. All personnel who enter an RCA will be radiation worker qualified.
5. Exercise personnel will observe all radiological controls. In the event the data presented in this exercise package indicates lower radiation levels than those actually found in the plant, actions for the actual (higher) readings will be followed. In such instances the Health Physics Controller and the Lead Controller will be notified.

WATERFORD 3 BIENNIAL EXERCISE
NOVEMBER 5, 1997

III. GUIDELINES (CONT'D)

6. ALARA concepts will be observed during the course of the exercise. Activities associated with the performance of the exercise will not occur in areas where personnel will receive significant exposures.

C. Simulation Guidelines

NOTE

Simulated exercise events will be initiated as indicated in this exercise scenario package under the direction of the Lead Controller. Since all possible participant reactions to the simulated exercise events can not be anticipated, individual Controllers may initiate simulated situations to preserve the continuity of the overall scenario timeline without prior approval of the Lead Controller. However, individuals are prohibited from creating real or simulated situations which are not provided for in the scenario package and may affect the timeline without prior approval of the Lead Controller.

1. Exercise participants are expected to carry out all responses to the postulated scenario events as if responding to a real emergency. Actions required by Plant Operating Procedures and Emergency Plan Implementing Procedures shall be carried out to the fullest extent possible, unless otherwise directed by the drill control team.
2. Since the exercise will be performed using the Waterford 3 Control Room Simulator, exercise plant parameter data and radiological monitoring data will be obtained from the Simulator control panels and the SDS terminals, which will be configured to display Simulator data.

Radiological Monitoring System (RMS) data will be simulated through the use of posted data sheets at the -4 Control Point Count Room RMS terminal.

If a failure of the Simulator occurs, and the Simulator can not be recovered in a reasonable period of time, backup data sheets will be available and posted in appropriate locations.

3. Portable fire extinguishers or other sealed canisters shall not have the seals broken or safety pins removed in response to the postulated scenario events, except when specifically required by instructions provided in this scenario package.

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III. GUIDELINES (CONT'D)

4. Exercise participants will be expected to obtain the proper tools and equipment necessary in responding to the scenario conditions in order to receive credit for their actions to mitigate the consequences of the simulated conditions.

The exercise package includes the extensive use of mock-ups to simulate plant equipment. In most situations where mock-ups are available, the exercise participants will be expected to respond to the actual plant equipment and then the drill control team will direct them to the mock-up. Due to the location of some mock-ups, the drill control team may instruct the participants to proceed directly to the mock-up. Specific instructions are provided in this scenario package regarding the use of individual mock-ups.

5. The use of protective clothing will not be simulated by the exercise participants in the plant.
6. To prevent unnecessarily alarming members of the general public, who may observe their activities, the use of protective clothing and respirators will be simulated by the radiological field monitoring teams.
7. SCBAs will be donned, as required by the scenario conditions, but, after initial fitting on the face, the masks may be removed.
8. The use of silver zeolite cartridges when taking air samples will be simulated. Charcoal cartridges will be provided by the drill control team for use in the air samplers.
9. The use of potassium iodide will be simulated.
10. If a decision is made to use the Post Accident Sampling System (PASS), sampling activities will be simulated.
11. No plant equipment will actually be tagged out in response to the scenario events. However, all necessary authorizations required by procedures are expected to be obtained prior to the simulation of the tag out.
12. Radiological postings as required by the simulated scenario radiation levels will not be simulated. The drill control team will insure that the postings are appropriately labeled to identify them as part of the drill.
13. Actual operation of the Whole Body Counter, or the Backup Whole Body Counter, will be simulated. Due to the number of Health Physics personnel assigned to the drill control team, sufficient personnel will not be available to support this activity.
14. If consideration is given to relocating the Primary Access Point (PAP) due to the simulated radiological conditions, this activity will be simulated.

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15. Onsite response to a medical emergency is not an objective of this exercise. The scenario events for the medical emergency portion of this exercise are provided in a separate document.
16. The activation of the Emergency Response Data System (ERDS) will not be simulated. ERDS will be activated to transmit drill data from the Simulator.
17. The use of the Voice Notification System (VNS) will not be simulated. Drill scenarios are provided to be used during the response to the simulated exercise events.