

Official

AUG 14 1985

Mississippi Power and Light Company
ATTN: Mr. J. B. Richard
Senior Vice President, Nuclear
P. O. Box 23054
Jackson, MS 39205

Gentlemen:

SUBJECT: FEMA FINAL REPORT - GRAND GULF NUCLEAR STATION EXERCISE
OF FEBRUARY 27, 1985

Enclosed is the Federal Emergency Management Agency's (FEMA) Final Report of the Grand Gulf Emergency Exercise conducted on February 27, 1985, regarding exercise participation by the State of Mississippi and Claiborne County, Mississippi. Your attention is directed to the suggested areas for improvement identified by FEMA.

We encourage you to assist the State of Mississippi and Claiborne County to resolve the improvement items identified by FEMA. Resolution of these items should be completed prior to the next full scale emergency preparedness exercise.

We also encourage you to work closely with the State and Claiborne County in the development of the scenario for the next full scale exercise that will effectively test those areas in which the previous deficiencies were disclosed.

Your cooperation in this matter is appreciated.

Sincerely,

Virgil L. Brownlee, Chief
Reactor Projects Branch 2
Division of Reactor Projects

Enclosure:
FEMA Exercise Report

cc w/encl: (See page 2)

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F PDR

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& Reynolds
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NRC Resident Inspector
Document Control Desk
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8/13/85

Kantor Arrow



Federal Emergency Management Agency

Washington, D.C. 20472

JUN 27 1985

MEMORANDUM FOR: Edward L. Jordan
Director
Division of Emergency Preparedness
and Engineering Response
Office of Inspection and Enforcement
U.S. Nuclear Regulatory Commission

FROM: *Richard W. Kramer*
Richard W. Kramer
Assistant Associate Director
Office of Natural and Technological
Hazards Programs

SUBJECT: Exercise Report for the February 27, 1985, Exercise of
the Offsite Radiological Emergency Preparedness (REP)
Plans for the Grand Gulf Nuclear Station (NS)

Attached are two copies of the Exercise Report for the February 27, 1985, partial participation joint exercise of the offsite REP plans for the Grand Gulf NS. The Grand Gulf NS is located near the Mississippi River, in Claiborne County, Mississippi. Included in the 10-mile plume emergency planning zone are portions of Claiborne County, Mississippi and Tensas Parish, Louisiana; a report on the Louisiana exercise participation was furnished to you by memorandum dated May 14, 1985.

The State of Mississippi partially participated and Claiborne County fully participated in this exercise. Their performance is evaluated in the attached exercise report which was prepared by Region IV of the Federal Emergency Management Agency (FEMA). The suggested areas for improvement as listed in detail in Section IV, which are typically classified as Category B deficiencies, can be corrected through training and additional resources. These deficiencies did not detract from the overall capability demonstrated by the State of Mississippi and Claiborne County to protect the health and safety of the public in the event of a radiological emergency. Therefore, the 44 CFR 350 approval granted on June 29, 1983, will remain in effect.

FEMA Region IV staff will furnish a copy of this exercise report to the State of Mississippi and will request a schedule of corrective actions. The Region will assure completion by the State of the necessary corrective actions.

If you have any questions, please contact Mr. Robert S. Wilkerson, Chief, Technological Hazards Division, at 646-2860.

Attachment
As Stated

8507150113-2p



Wilkinson

Federal Emergency Management Agency

Region IV 1375 Peachtree Street, NE Atlanta, Georgia 30309

March 29, 1985

MEMORANDUM FOR: RICHARD W. KRIMM, ASSISTANT ASSOCIATE DIRECTOR
OFFICE OF NATURAL AND TECHNOLOGICAL HAZARDS - SL-NT

FROM: *gcw* Glenn C. Woodard, Jr., Chief
Natural and Technological Hazards Division - RIV
Chairman, RAC IV

SUBJECT: Grand Gulf Nuclear Station, Mississippi
Exercise Report

Three copies of the Grand Gulf "Draft" Exercise Report for the exercise conducted February 27, 1985 are enclosed. The exercise was remedial in nature, although it was not required.

Needed improvements have been made and were demonstrated in the area of public information. Also, the State of Mississippi and Claiborne County demonstrated that off-site preparedness is adequate to provide reasonable assurance that appropriate measures can be taken to protect the health and safety of the public living in the vicinity of the site in the event of a radiological emergency.

The report was distributed to the Federal evaluators for review. Minor changes were made which are incorporated in the enclosed report.

Please notify us when the report is transmitted to the Nuclear Regulatory Commission so that a copy can be transmitted to the State of Mississippi.

Enclosures

GRAND GULF NUCLEAR STATION

EXERCISE

Conducted on February 27, 1985



**FEDERAL EMERGENCY
MANAGEMENT AGENCY
REGION IV**

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Federal Emergency Management Agency

Region IV 1371 Peachtree Street, NE Atlanta, Georgia 30309

GRAND GULF NUCLEAR STATION

EXERCISE

Conducted on February 27, 1985

Exercise Report March 15, 1985

Utility: Mississippi Power and Light Company
Plant Location: Port Gibson, Claiborne County, Mississippi

Participating State and Local Governments:

State of Mississippi
Claiborne County
Port Gibson, Mississippi

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I. EXERCISE SUMMARY

A partial participation exercise of a remedial nature was conducted at the Grand Gulf Nuclear Station on February 27, 1985. The exercise was observed by ten Federal evaluators representing three Federal agencies (FEMA, NRC and DOT). The evaluation was based on NUREG-0654-FEMA-REP-1, Rev. 1, "Criteria for Preparation and Evaluation of Radiological Emergency Response Plans and Preparedness in Support of Nuclear Power Plants."

The necessity for conducting a voluntary remedial exercise was brought about due to the observed recurring deficiencies in the area of public information (G.4.b., G.4.c., F.1.b.) during the Grand Gulf Exercise conducted April 11, 1984. Clearly, a great deal of effort has been spent correcting those problem areas, as was evident in the successful completion of the February 27, 1985 exercise. Much improvement was noted.

The Grand Gulf Nuclear Station is located near the Mississippi River, in Claiborne County, Mississippi. Included in the 10-mile Emergency Planning Zone (EPZ) of the utility are portions of Claiborne County and Tensas Parrish, Louisiana. The Federal boundary between FEMA Region IV and FEMA Region VI is the Mississippi River. Accordingly, FEMA Region VI is responsible for the evaluation of activities in Tensas Parrish. The FEMA Region IV Risk County, Claiborne County, was fully activated and is evaluated in this report.

No NUREG-0654 deficiencies were observed by the Federal evaluators during the course of this exercise. However, some suggestions for improvement have been offered, such as: additional training for Claiborne County emergency workers; more direct responses to media inquiries on such things as liability, health implications of radiation, and specific dose projections; and possibly improve upon the information logging system in the Public Information section of the State EOC, or add a status board for more thorough tracking of Public Information actions. These suggestions for improvement are listed in greater detail in Section IV of this report.

A brief summary of State and county activities follows.

State of Mississippi

Exercise activity on the part of the State of Mississippi was minimal with the exception of Public Information. Mississippi Emergency Management Agency (MEMA) utilized its operations and communications personnel during exercise play. Additionally, the Mississippi Health Department, Radiological Health, participated in and utilized the exercise to train additional personnel. The most activity at the State level, however, was in the area of Public Information.

Public Information activity was much better coordinated in this exercise, than was observed in the April 11, 1984 exercise. MEMA and Mississippi Power and Light Company (MP&L) have worked together to develop and employ a new Public Information set of Standard Operating Procedures. Additionally, new equipment has been added to provide a telephone conferencing capability between the three Public Information points: State Emergency Operating Center (SEOC), the Emergency News Media Center and the MP&L Corporate Headquarters (back-up Emergency News Media Center).

Emergency Operating Facility (EOF)

The State of Mississippi dispatched two representatives from the Health Department to the EOF. This action facilitated the coordination and communications between the State and MP&L. Consequently, protective action measures were jointly developed and implemented in a timely fashion.

Claiborne County

Claiborne County was more actively involved in the general exercise play than were the State agencies. The Port Gibson/Claiborne County Emergency Operations Center was fully staffed and direction and control was good throughout a well-executed exercise. Traffic Control Points (TCP) were activated and properly managed, but there is some question as to the degree of familiarity among TCP personnel with radiological subject matter and instrumentation.

II. DETAILED DISCUSSION

Introduction

This was the fourth exercise conducted at the Grand Gulf Nuclear Station based on NUREG-0654 guidance criteria. The plant is located in Claiborne County, Mississippi, near the east bank of the Mississippi River. This exercise was brought about by the need to demonstrate better coordination among State and local agencies and MP&L in the release of Public Information.

Participants in the February 27, 1985 exercise included: Mississippi Emergency Management Agency, Mississippi Health Department, Mississippi Highway Patrol and Claiborne County officials and staff. On the west bank of the Mississippi River, Tensas Parrish, Louisiana also participated, however, review of those activities is included in the report being prepared by FEMA Region VI.

Criteria used to evaluate the exercise are contained in the "Modular Format for Uniformity of Radiological Emergency Preparedness Exercise Observations and Evaluations," issued by FEMA on August 5, 1983.

The Federal Evaluators List, Exercise Objectives, Scenario, and the MEMA Public Information SOP are included in Appendices A through C in the last section of this report.

State of Mississippi

State Emergency Operating Center (SEOC)

The State Emergency Operating Center (SEOC) is an adequate facility to support the operations of emergency personnel of responding agencies. All necessary status boards and maps were available and posted in clearly visible positions in the EOC. Equipment used to communicate with other facilities, including the utility and Claiborne County, is excellent and staff was knowledgeable in its use.

Exercise play was minimal at the SEOC except for Public Information which was fully activated. Personnel participating in the exercise represented MEMA and Mississippi Health Department. Emergency operations were effectively managed by the State Director and the Operations Officer. Primarily, MEMA operations were limited to communications, message handling, and simulated coordination with other State and Federal agencies.

Mississippi Health Department (Radiological Health) had responsibility for assessing the radiological situation, and for making appropriate protective measure recommendations. Radiological Health activities included the training of additional personnel. Operations were observed to be excellent. Management decisions and actions were carried

out properly. Communications were good. Calculations of off-site dose commitments and protective action recommendations were given to local government and other State agencies in a timely and appropriate manner.

Radiological Health made use of a new portable computer during this exercise, which proved to be most helpful. Using the computer, off-site dose commitments were figured very rapidly. Protective action recommendations were timely, however, hard copy updates on plant conditions were lagging approximately 30 minutes during the early part of the exercise. Minor procedural activity should be reviewed for future exercise play.

Emergency Operations Facility (EOF)

The State Health Department dispatched two representatives to the Emergency Operations Facility (EOF). Their primary function was to direct the efforts of the State Monitoring Teams (simulated) and to coordinate and communicate with the MP&L Technical Assessment Team.

These Health Department representatives were adequately trained, and effectively carried out their responsibilities in accordance with prescribed State procedures. The State effectively utilized this exercise as an opportunity to cross train other Health Department members.

The flow of technical information from the Grand Gulf facility to the State EOC in Jackson was complete and timely.

Public Information

State Emergency Operating Center (SEOC) - State activation and staffing of the Public Information System was effectively demonstrated. Staff were promptly alerted and later activated for response during the exercise. Implementation of established notification procedures was professionally managed. Pre-packaged kits with support materials were ready and available for all aspects of the Public Information operations.

As the emergency situation continued to deteriorate, appropriate actions were accomplished. The State PIO briefed and transferred responsibilities to the Deputy PIO in order to depart for the Emergency News Media Center (ENMC). Equipment and resources were available to support coordination between the State, local and utility representatives. This was accomplished by use of a dedicated phone line between the State and utility operations. Hard copy capability was established to follow-up all discussions by dedicated phone lines.

Public Information activities at the State EOC included the following staff: Deputy PIO, Information Assistant, Rumor Control Monitor, Government Liaison for Notification, Speaker Phone Monitor, Support Staff and Media Room Attendant.

During the first briefing, coordination internally was weak, but all necessary spokespersons were available for response.

The numbering and tracking of press releases was a little confusing early in the exercise play. Press release number two was not numbered correctly. This was corrected, and subsequent releases were correctly numbered.

The coordination of releases was effectively carried out. Some problems were encountered between the SEOC operations staff and the PIO's. Several delays were experienced in receiving hard copy releases from the telefax center. In fact, one draft release was not received and the coordination had to be accomplished by the MP&L PIO reading the release over the phone to the State Deputy PIO. Later the Deputy PIO pursued a resolution to the problem, and a clear distribution system was established. This solved the communications break down, and restored the flow of information.

Early tracking of T.V. and radio coverage was not accomplished. Commercial radio monitoring was later established.

Emergency Broadcast System (EBS) support was excellent. The coordination and activation of EBS for emergency information to the public was properly carried out. Radio staff taped live EBS messages from the SEOC. Coordination and cooperation was good and demonstrated by the active participation during the exercise. All subsequent EBS actions were simulated.

Press briefings were good and the SEOC support from decision-makers was excellent. State decision-makers were available for all press briefings.

The Deputy PIO was outstanding in a leadership role and effectively utilized staff. It is recommended that staff keep a more formal log of individual actions and the time at which these actions were carried out. This would allow for a better system of identifying actions which are still outstanding so that a responsibility is not overlooked.

Support maps and charts were available and used in the media room as well as the PIO work area. It is suggested that a status board be added to the work room so that PIO staff can quickly and accurately keep up with emergency actions. In a long term emergency operation, status boards and log sheets are also helpful for ease in shift changes.

Rumor control was adequately demonstrated and one repetitive concern involved the use of KI. This concern was injected into the Public Information System in an effective and timely fashion. After several rumor calls were received this information was passed

to the Deputy PIO. A coordination effort took place with the ENMC and a news release was generated. All of this transpired in about twenty-five minutes and adequately demonstrated the Public Information System is coordinated with rumor control.

Overall, the support for Public Information was excellent considering the brief period of time the procedures have been in place. Staff were enthusiastic and carried out instructions professionally.

Emergency News Media Center (ENMC) - MEMA Public Information activities were greatly improved over previous exercises. The agency, in concert with Claiborne County and MP&L, has developed both written and verbal procedures which were satisfactorily demonstrated during this exercise.

The only shortcomings observed were caused by a reluctance to address media inquiries on some subjects such as liability, health implications of radiation, and specific dose projections and/or measurements of radiation released into the atmosphere during the drill.

The physical location and facility for the ENMC is still less than desirable, but MEMA and MP&L staff made the most of what they had to work with at the Chamberlain Hunt Academy.

Claiborne County

Claiborne County Emergency Operations Center (EOC)

The Claiborne County EOC is located in Port Gibson, Mississippi. The facility has adequate space to accommodate the EOC staff, but it is located only 4½ miles from the Grand Gulf Nuclear Station. The construction of a new facility is currently being discussed.

Claiborne County's EOC staff consisted of representatives from: Claiborne County Hospital, County Agent, Electric Power Association, MP&L, Claiborne County Sheriff's Department, American Red Cross, Claiborne County Health Department, Claiborne County Schools, Claiborne County Gas & Water Department, County Welfare Department, County Fire Department, Port Gibson Police, Mayor of Port Gibson, County Board of Supervisors, Mississippi Highway Patrol, Port Gibson/Claiborne County Civil Defense Director. All representatives except the Health Department were in place by 10:52 a.m.

The exercise was well-executed, though more activity for EOC personnel would be desirable in future exercises. A. C. Garner, Port Gibson/Claiborne County Civil Defense Director, provided good direction and control in the EOC. Staff were plentiful and most displayed a good working knowledge of his or her role.

Field Activities

Outside activities in Claiborne County consisted of activating three Traffic Control Points (TCP's). Personnel at these TCP's were very knowledgeable in matters concerning the direction and control of traffic. However, they were not knowledgeable in such things as dosimetry, personal exposure limits, decontamination procedures, identification of evacuated residences, or plant conditions. One officer, with the Mississippi Highway Patrol, had completed the Radiological Accident Course currently being offered by the State of Mississippi, but did not feel knowledgeable in radiological matters. It is strongly recommended that additional training keyed toward nuclear power plant accident response, specifically in the radiological exposure area, be provided for these field personnel.

III. SUMMARY LISTING OF DEFICIENCIES

NUREG 0654 Deficiency

State of Mississippi

None

Claiborne County

None

IV. SUGGESTIONS FOR IMPROVEMENT

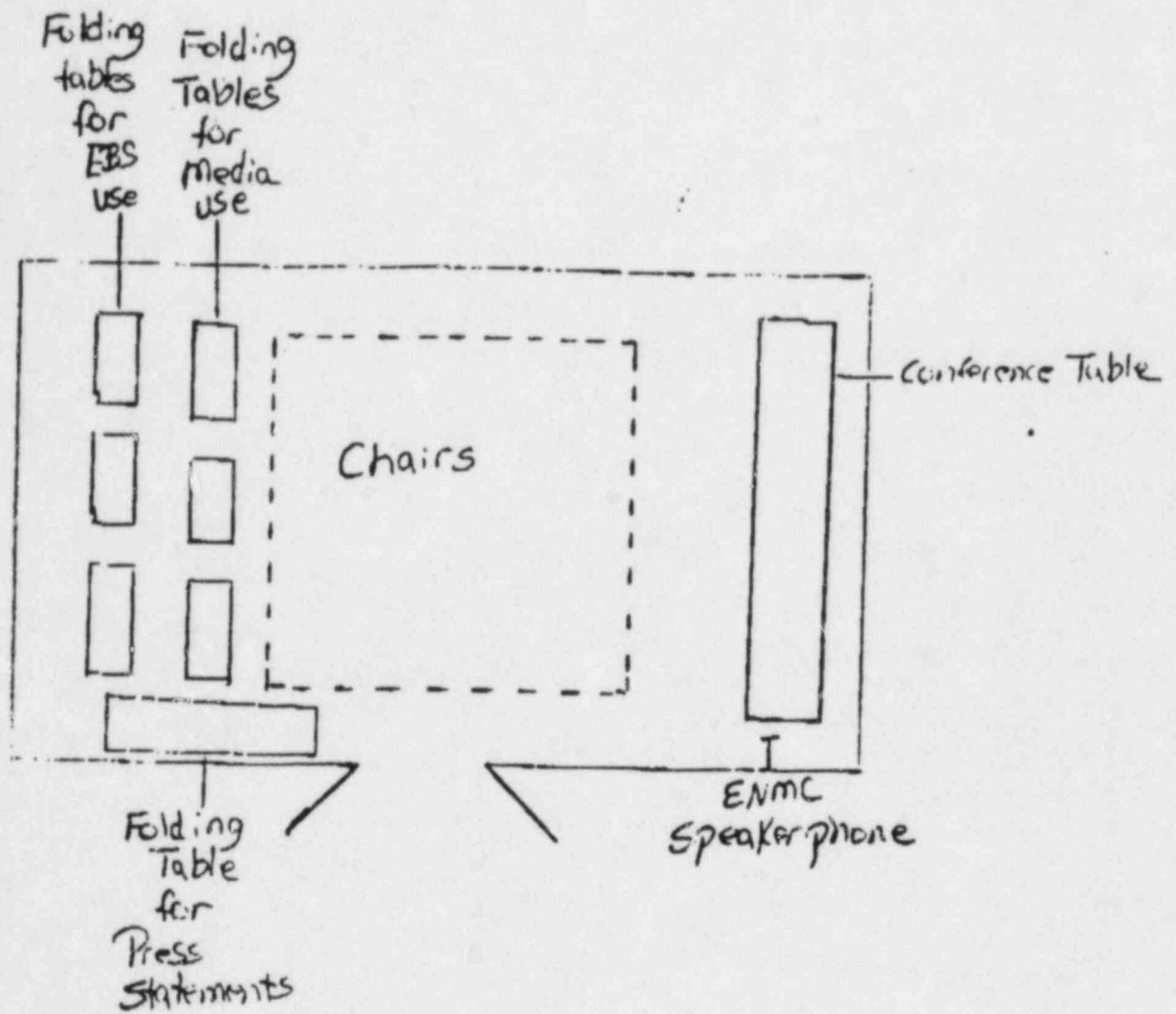
State of Mississippi

- Tracking of radio and T.V. coverage of an accident at Grand Gulf Nuclear Station should be started when the EOC is notified that a problem exists.
- A more formal Public Information action logging and tracking system would be beneficial.
- A status board would be helpful in the PIO work room at the SEOC.
- Public Information questions on such things as liability, health implications of radiation, and specific dose projections should be anticipated and answered directly.

Claiborne County

- More activity for EOC personnel would be desirable in future exercises.
- Additional training keyed toward nuclear power plant accident response, specifically in the radiological exposure area, should be provided for field personnel. The current State offered Radiological Accident Course is not adequate for training field personnel who would be involved in an accident at the Grand Gulf Nuclear Station.
- Tracking of radio and T.V. coverage of an accident at Grand Gulf Nuclear Station should be started when the EOC is notified of a problem.
- A more appropriate type of status board would have space for multiple messages and information regarding actions taken over time.
- EOC staff would benefit from a review of EOC operating procedures.

Attachment 12
State Emergency Operations Center
Upstairs layout



V. APPENDICES

- A. Evaluator List and Assignments
- B. Exercise Objectives and Scenario
- C. MEMA Public Information SOP

FEDERAL EVALUATOR ASSIGNMENTS
GRAND GULF NUCLEAR STATION EXERCISE
February 26-28, 1985

CHIEF OF EVALUATORS AND RAC IV CHAIRMAN
Glenn C. Woodard, Jr. (FEMA)

STATE EMERGENCY OPERATING CENTER (JACKSON)
John Heard (FEMA)
Ray Boyett (FEMA)
Cheryl Stovall (FEMA)
Doug Hoell (FEMA)

EMERGENCY OPERATIONS FACILITY (EOF)
Bob Trojanowski (NRC)

CLAIBORNE COUNTY EMERGENCY OPERATING CENTER
Tom Hawkins (FEMA)
Virginia Baker (FEMA)
Al Hall (DOT)
Tony Foltman (FEMA)

EMERGENCY NEWS MEDIA CENTER (ENMC)
Jack Glover (FEMA)

MISSISSIPPI SCENARIO PACKAGE

GRAND GULF NUCLEAR STATION
EMERGENCY PREPAREDNESS EXERCISE
FEBRUARY 26-28, 1985

Mississippi Emergency Management Agency
January 11, 1985

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Introduction

A. Purpose

On February 26-28, 1985, Grand Gulf Nuclear Station will conduct an emergency preparedness exercise. This will be the fourth exercise to be evaluated by Federal observers, and will fully involve the local agencies with partial participation by State and support agencies in Mississippi. The exercise is being held in accordance with the regulations set forth in 44 CFR 350, and the guidance found in NUREG 0654, FEMA REP 1, Criteria for Preparation and Evaluation of Radiological Emergency Response Plans and Preparedness in Support of Nuclear Power Plants.

B. Mississippi Agencies Involved

1. State

Mississippi Emergency Management Agency
Mississippi Department of Health
Mississippi Department of Natural Resources (Notification only)
Mississippi Department of Wildlife Conservation (Notification only)
Mississippi Department of Agriculture and Commerce (Notification only)
Mississippi Department of Public Welfare (Notification only)
Mississippi Military Department (Notification only)
Mississippi Highway Department (Notification only)
Mississippi Highway Patrol (Communications only)

2. Local

Port Gibson/Claiborne County Civil Defense
Claiborne County Sheriff's Office
Port Gibson Police Department
Claiborne County Fire Department
Port Gibson Fire Department
Claiborne County Agricultural Extension Office
Claiborne County Hospital
Claiborne County Public Schools
Copiah County Civil Defense (Communications only)
Vicksburg/Warren County Civil Defense (Communications only)
Jackson/Hinds County Civil Defense (Communications only)
Natchez/Adams County Civil Defense

3. Support Agencies

American Red Cross (Notification only)
National Weather Service (Notification only)
Natchez Trace Parkway (Notification only)

4. Mississippi Power and Light Company

C. Facilities Activated

1. State EOC (partially activated with Mississippi Emergency Management Agency and Radiological Health Department personnel only.): located in Jackson, operational throughout the exercise.
2. Port Gibson/Claiborne County EOC: located in Port Gibson, operational throughout the exercise.
3. Grand Gulf EOF: located adjacent to the plant site, activated at Site Area Emergency.
4. Emergency News Media Center: located in Port Gibson, activated at Site Area Emergency.
5. Claiborne County Schools: demonstration of school evacuation plans will be conducted in Port Gibson at 1:30 p.m.
6. Traffic Control Points, State Agency participation will be simulated, (local only): activated throughout the 10 mile EPZ at Site Area Emergency.

D. Briefings and Critiques

Enclosed is a schedule of activities to be held during the exercise. A State controller briefing will be held on Tuesday morning, February 26. At 3:00 p.m., a special briefing will be held for Federal evaluators.

Immediately following the exercise, individual critiques will be conducted at each facility. These will be for the participants only and will be closed to the Federal evaluators. The conference room of the State EOC has been reserved for use by the Federal team in conducting their critique during this time.

On Thursday morning, the joint local, State, and Federal critique will be held at the State EOC. At 12:30 p.m., a State/utility meeting will be held. At 4:00 p.m. that evening, the public critique will be held at the Claiborne County Courthouse in Port Gibson.

E. Miscellaneous

1. Identification
All FEMA/RAC observers will be required to obtain State Identification. This will be issued during the briefings on February 26.

2. Transportation

It is requested that all observers provide their own transportation. In certain instances, observers may wish to accompany State and local personnel during the exercise. These arrangements will be made during the briefings on February 26.

3. Lodging

It is suggested that all observers stay at the Holiday Inn-Medical Center or the Sheraton Motor Inn, I-55 North in Jackson. They are both very close to the State EOC and the offices of the Division of Radiological Health. It is requested that each person make their own reservations to accommodate their individual schedules.

Holiday Inn-Medical Center
2375 N. State Street
Jackson, Ms 39202
601-948-8650

Sheraton Motor Inn
I-55 North at Northside Drive
Jackson, Ms 39202
601-982-1044

4. Observer Packets

An observer packet will be issued during the evaluator briefing on February 26. The packet will contain all relevant scenario materials, observer/controller assignments, maps, and other related information.

Schedule of Activities

Grand Gulf Nuclear Station Emergency Preparedness Exercise February 26-28, 1985

<u>Date</u>	<u>Time</u>	<u>Event</u>
2/26/85	8:30 a.m.	Controller briefing. Conference Room, State EOC, Jackson
	3:00 p.m.	Federal evaluator briefing. Conference room, State EOC, Jackson.
2/27/85	8:30 a.m.	Exercise begins.
	4:00 p.m.	Exercise terminates.
	4:30 p.m.	Independent local, State, and Federal evaluations.
2/28/85	8:30 a.m.	Joint local, State, Federal critique. Conference room, State EOC, Jackson.
	12:30 p.m.	Joint onsite/offsite evaluation. Energy Services Center, GGNS, Port Gibson.
	4:00 p.m. 7:00	Public critique. Claiborne County Courthouse, Port Gibson.

Mississippi State/Local Objectives

Grand Gulf Nuclear Station
Emergency Preparedness Exercise
February 26-28, 1985

1. Demonstrate ability to receive and disseminate notification of an event.
2. Demonstrate ability to assemble and maintain adequate staffing. Twenty-four hour operations will not be tested.
3. Demonstrate ability to properly coordinate emergency activities. Claiborne County will be fully activated. All host counties will only participate on a communications basis.
4. Demonstrate ability to request assistance from other States and from the Federal government.
5. Demonstrate adequacy of facilities and equipment to support emergency activities.
6. Demonstrate ability to estimate accident consequences and determine appropriate protective actions.
7. Demonstrate ability to provide timely emergency public information using sirens, tone alert receivers, and the emergency broadcast system.
8. Demonstrate ability to coordinate the collection and dissemination of public information with other principal organizations.
9. Demonstrate ability to provide the public with accurate and timely information fully coordinated among the principal organizations involved.
10. Demonstrate the ability to handle public inquiries and successfully coordinate rumor control among principal organizations involved.
11. Demonstrate the ability to implement protective actions for the plume exposure EPZ. Recovery and reentry will not be tested. (No host county will be tested.)

GRAND GULF NUCLEAR STATION
EMERGENCY PREPAREDNESS EXERCISE
FEBRUARY 27, 1985

BRIEF NARRATIVE SUMMARY OF EVENTS

The plant is at 98% power near the end of the second 18 month cycle. A combination of forced outages in other Middle South Utilities, Inc. plants has put the entire grid at 5% undervoltage. A severe thunderstorm watch is in effect in Warren, Claiborne and Adams counties. New fuel is being moved and channeled in the Auxiliary Building fuel pool in preparation for the upcoming outage. Spent fuel channels are being recycled. Drywell floor drain leakage is at 4 GPM and has been slowly increasing since startup from a forced outage (2 weeks ago) to repair a leaking CRD flange gasket.

A spent fuel bundle is dropped and damaged, causing high area radiation, high ventilation radiation and increasing readings on the CAM. An Alert is declared. Some time later (while recovery from the fuel handling accident is still underway) lightning strikes the switchyard and ESF Transformer 12, causing a loss of all offsite power. A scram transient occurs, causing the leak on the CRD flange to increase to 60 GPM. The electrical transient causes a "flash fire" in Division II switchgear; Division I and III power are restored.

Core cooling is being maintained by RCIC and/or HPCS when failures of these, including a break in the RCIC steamline, result in Reactor Pressure Vessel (RPV) water level and drywell pressure reaching the Site Area Emergency levels. LPCS Pump trips on instantaneous overcurrent when it is started, so there is no injection system capable of injecting water into the RPV.

The core is uncovered and fuel failure results. The RCIC Steam Line break is not isolable for about 30 minutes and ultra-high noble gas and iodine activity is released to the Auxiliary Building. SGTS efficiency has been reduced to the point that General Emergency levels of activity are released to the environs. A General Emergency is declared and Protective Action Recommendations are made for evacuation out to 2 miles and sheltering out to 5 miles.

The RCIC Steam Line is isolated and RHR A is recovered to provide core reflood. Dose rates at the site boundary decrease, allowing the emergency to be de-escalated to Site Area Emergency and subsequently to the Alert level.

MISSISSIPPI OFFSITE SEQUENCE OF EVENTS

Grand Gulf Nuclear Station
Emergency Preparedness Exercise
February 26-28, 1985

<u>TIME</u>	<u>EVENT</u>
0830	EXERCISE BEGINS. Distribute initial conditions to key players. Appropriate notifications based on weather conditions are made.
0900	ALERT DECLARED. Declaration is based upon plant conditions. Notifications are made.
0905	Ammo truck accident at I-20 Springridge Road exit.
0915	Reports of a possible tornado at Alcorn University.
0925	Ammo truck accident reported blocking west bound lane I-20. No danger to public exists.
0930	Loss of power at Claiborne EOC.
0935	Bomb threat 301 building.
0945	Power restored at Claiborne EOC.
1000	Public inquiry regarding weather conditions.
1005	Inquiry from local tv regarding ammo accident.
1015	Transportation assistance requested.
1025	Bomb threat over.
1030	Auto fire downtown Port Gibson.
1030	Several press calls about Grand Gulf Emergency.
1035	Report of robbery in Patison.
1035	Citizen calls and reports a flash of light near GGNS.
1040	Report of a possible brush fire at Port Gibson/Claiborne county line.
1045	Inquiry from farmer about effects of radiation on crops.
1045	Media call requesting information about State Emergency Preparedness Plan.
1055	Report of auto accident downed power line in Power Gibson.

<u>TIME</u>	<u>EVENT</u>
1055	Report auto fire out.
1100	Report of truck/auto accident on intersection of Hwy. 18 & 61. Possible hazardous materials.
1105	Request for plans to protect school children.
1110	Inquiry about who will pay for inconvenience and loss of income.
1110	SITE AREA EMERGENCY DECLARED. Declaration based upon plant conditions.
1115	Inquiry about local Emergency Preparedness Plans.
1115	Request to county C.D. Director for camera crews and interview.
1125	Activation of sirens, tone alert receivers and EBS.
1130	Bill of Laden found in truck involved in accident. No hazardous materials in truck. Roads clear.
1130	Inquiry to local EOC about effects of radiation on pregnant woman.
1135	Report of truck backing over gas pump. Gas is leaking.
1140	Several calls inquiring about sirens going off.
1140	Inquiry from campers asking if they should evacuate.
1145	Report that alot of fumes are in the area where the gas pump is leaking. Fireman requesting evacuation order.
1145	Power line repairs made. Accident cleared.
1145	Inquiry regarding ways to protect dairy cattle from radiation.
1150	Claiborne County Hospital requests that ambulances be arranged for possible evacuation.
1150	Camper trailer has jack-knifed at intersection at Grand Gulf Park.
1155	Report of smoke coming from home in Port Gibson.
1200	Brush fire put out.
1200	Gas station accident cleared up. No danger exists.

<u>TIME</u>	<u>EVENT</u>
1205	Numerous rumor calls about lightning striking plant causing some deaths.
1210	Request recommendation as to harvesting garden in case of radiation release at plant.
1215	Smoke from home reported as a small kitchen fire.
1220	Farmer reporting he has dead cow. Requests that cow be checked for radiation.
1225	Ammo truck accident cleared.
1230	Fishing boat reported overturned. 3 year old child and father is missing.
1245	GENERAL EMERGENCY DECLARED. Declaration is based on plant conditions.
1245	Jack-knifed trailer accident cleared up.
1300	Inquiry to State EOC from pregnant woman living 15 miles from plant. Requests recommendation on taking iodine.
1300	Sirens, tone alert receivers and EBS activated.
1300	Evacuation and sheltering ordered.
1305	Report that shelter is locked.
1310	Report shelter is opened and staffed.
1330	Evaluate school evacuation plans.
1335	Several inquiries about taking potassium iodide.
1340	15 inmates are requesting release or transfer.
1345	Inquiry about assisting aged, handicapped and others with special needs.
1350	Infant locked in car in Port Gibson.
1355	3 year old and father found. Requests ambulance.
1400	Large unruly crowd reported at local grocery store. Concern for potential looting.
1415	Reports of long lines at gas stations. Possible fuel shortage.
1445	Reports from area hospitals about some people thinking they are exposed to radiation.

<u>TIME</u>	<u>EVENT</u>
1445	SITE AREA EMERGENCY DECLARED. Declaration based upon improved plant conditions.
1450	Number of media inquiries requesting interviews with county executives.
1500	Inquiry about effects of radiation on local drinking water, crops, milk and livestock.
1510	Two car accident on Hwy. 18 at Natchez Trace Exit. Possible injuries.
1530	ALERT DECLARED. Declaration based upon improved plant conditions.
1530	Local C. D. Director injured in auto accident.
1540	Request from National Wire Service requesting update and other information from acting director.
1555	Auto accident at Natchez Trace cleared.
1559	Report that C. D. Director is ok.
1600	EXERCISE TERMINATES.

EMERGENCY PUBLIC INFORMATION
GRAND GULF NUCLEAR STATION
STANDARD OPERATING PROCEDURES

Mississippi Emergency Management Agency

February, 1985

I. PURPOSE

- A. The purposes of this document are to revise current plans and establish a new standard operating procedure for public information, to be used by personnel of the State of Mississippi in responding to an incident at the Grand Gulf Nuclear Station near Port Gibson, Mississippi. This document is not intended to address the public information needs of the operator of the plant, Mississippi Power and Light Company, but rather is intended to complement their procedures and mesh with their needs in order to accomplish the goal of the emergency public information program--the effective distribution of vital information to the affected populace in the most expeditious and efficient manner possible.

II. SCOPE

- A. In the event of an incident at the Grand Gulf Nuclear Station, the scope of the public information effort undertaken by the State of Mississippi will include:
1. Activation of the State emergency public information program and the subsequent distribution of pertinent information to the public through the media.
 2. Activation of the Emergency News Media Center in Port Gibson, Mississippi.
 3. Activation of the Emergency Broadcast System.
 4. Activation of the Public Inquiries/Rumor Control System to handle questions from the general public.
 5. Activation of the Governmental Liaison Notification System.
 6. Coordination of public information statements with Port Gibson/Claiborne County Civil Defense, the State of Louisiana, Tensas Parish Office of Emergency Preparedness, and Mississippi Power and Light Company.

III. ASSIGNMENT OF RESPONSIBILITIES

- A. Lead Public Information Officer: Normal assignment is Public Information Officer for Mississippi Emergency Management Agency. Answers to the Director of the Mississippi Emergency Management Agency. Assumes primary responsibility for oversight of the public information program, including composition of press statement and distribution of public information throughout the incident. (One exception is while the Lead Public Information Officer is enroute to and from Jackson, which is outlined elsewhere in this document.)

Stationed at the State Emergency Operations Center during Unusual Event status and Alert status, then reports to Emergency News Media Center for Site Area Emergency status and General Emergency status.

- B. Deputy Public Information Officer: Normal assignment is Public Information Officer for Mississippi Department of Health. Answers to the Director of the Mississippi Emergency Management Agency and the Lead Public Information Officer. Responsible for primary operation of the emergency public information program when the Lead Public Information Officer is enroute to and from Jackson. Supervises the public information staff at the State Emergency Operations Center, which includes the Public Information Assistant/Jackson, the Public Information/Rumor Control Assistant, the Media Room Attendant, the Notification Assistant, the News Gatherer, the Speakerphone Assistant and the support staff. Stationed at the State Emergency Operations Center.
- C. Assistant Public Information Officer: Answers to the Lead Public Information Officer. Responsible for coordinating public information activities between the Port Gibson/Claiborne County Civil Defense Agency and the Lead Public Information Officer. Stationed at the Port Gibson/Claiborne County Civil Defense Agency.
- D. Information Assistant/Jackson: Answers to Deputy Public Information Officer. Responsible for assisting Deputy Public Information Officer in any area, as ordered by the Deputy Public Information Officer. Stationed at the State Emergency Operations Center.
- E. Information Assistant/Port Gibson: Answers to Lead Public Information Officer. Responsible for assisting Lead Public Information Officer in any area, as ordered by the Lead Public Information Officer. Stationed at the Emergency News Media Center.
- F. Public Inquiries/Rumor Control Assistant: Answers to the Deputy Public Information Officer. Responsible for accepting calls from the public and answering questions on the status of the incident. Stationed at the State Emergency Operations Center.
- G. News Gatherer: Answers to the Deputy Public Information Officer. Responsible for floating freely around the State Emergency Operations Center when activated to gather information on actions taken by other state agencies present at the State Emergency Operations Center that are responding to the incident. Stationed at the State Emergency Operations Center.
- H. Media Room Attendant: Answers to the Deputy Public Information Officer. Responsible for attending to the reasonable comfort of the media at the State Emergency Operations Center, and for helping the media get answers and interviews between press conference. Stationed at the State Emergency Operations Center.

- I. Governmental Liaison Notification Assistant: Answers to the Deputy Public Information Officer. Responsible for the Governmental Liaison Notification System when activated, which involves updating of important agencies and persons as outlined elsewhere in this document.
- J. Speakerphone Assistant: Answers to the Deputy Public Information Officer. Responsible for monitoring the Speakerphone from the Emergency News Media Center and taking appropriate action on the information received over the system. Stationed at the State Emergency Operations Center.
- K. Support Staff: Answers to the Lead Public Information Officer at the Emergency News Media Center and the Deputy Public Information Officer at the State Emergency Operations Center. Total number of support staff to be determined at time of response. Responsible for clerical, logistic, monitoring and other duties as needed. Stationed at the State Emergency Operations Center and the Emergency News Media Center.

IV. CONCEPT OF OPERATIONS

- A. In the initial stages of the incident (Unusual Event status and Alert status), public information response will be handled from the State Emergency Operations Center.
- B. The Duty Officer of the Mississippi Emergency Management Agency will notify the Lead Public Information Officer of an Unusual Event status and any changes thereafter in the status of the incident.
- C. The Duty Officer of the Mississippi Emergency Management Agency will handle any media inquiries at the Unusual Event status stage, if the incident occurs after normal business hours. Otherwise the Lead Public Information Officer will take media calls at this point. At Unusual Event status, the Duty Officer responding to media calls should confirm only that an Unusual Event has been declared and the State Emergency Operations Center is monitoring the incident.
- D. The Lead Public Information will report to the State Emergency Operations Center if the incident is upgraded to Alert status.
 - 1. The Lead Public Information Officer will field media calls at this point from the State Emergency Operations Center.
 - 2. The Lead Public Information Officer will notify members of the public information staff to stand by to report for duty. A list of public information staff can be found in Attachment 1.
 - 3. The Lead Public Information Officer will begin preliminary preparations for the activation of the Emergency News Media Center.

4. The Lead Public Information Officer will coordinate public information with local government officials at the Port Gibson/Claiborne County Civil Defense Agency, the State of Louisiana, Tensas Parish Office of Emergency Preparedness and Mississippi Power and Light Company. A listing of these offices can be found in Attachment 2.
- E. When it appears likely that the incident is degrading and a declaration of Site Area Emergency is imminent, the Lead Public Information Officer will call in the public information staff and begin final preparations for departure to the Emergency News Media Center, located at Chamberlain-Hunt Academy on Highway 61 South in Port Gibson.
1. The Deputy Public Information Officer will be briefed by the Lead Public Information Officer before departure for the Emergency News Media Center.
 2. The Deputy Public Information Officer will assume public information responsibility at the State Emergency Operations Center while the Lead Public Information Officer and staff is enroute to the Emergency News Media Center.
 3. Responsibility for public information will shift to the Emergency News Media Center upon the arrival of the Lead Public Information Officer at the Emergency News Media Center.
 - a. The Lead Public Information Officer will notify the Deputy Public Information Officer upon arrival at the Emergency News Media Center.
- F. Should the incident be upgraded to Site Area Emergency status while the Lead Public Information Officer is en route to the Emergency News Media Center, the Deputy Public Information Officer shall activate the Emergency Broadcast System in preparation for its use after sirens are sounded in the Claiborne County area. A listing of Emergency Broadcast System stations can be found in Attachment 4.
1. Until Emergency Broadcast System personnel have reported to the State Emergency Operations Center, the Deputy Public Information Officer will read the message to radio station operators over the telephone.
- G. Unilateral activation of the Emergency News Media Center may become necessary when distribution of information for the protection of lives and property must be done immediately.
1. The Lead Public Information Officer will announce the press conference and distribute the information, along with an explanation of unilateral opening of the Emergency News Media Center.

2. The Lead Public Information Officer will brief other Emergency News Media Center participants upon their arrival at the Emergency News Media Center.
- H. The System for Public Inquiries/Rumor Control will be activated at the same time as the State Emergency Operations Center.
1. The Public Inquiries/Rumor Control Assistant will report to the State Emergency Operations Center upon notification by the Lead Public Information Officer.
 2. The Public Inquiries/Rumor Control Assistant will be briefed by the Deputy Public Information Officer and placed in the circulation loop for press statements.
 3. The Public Inquiries/Rumor Control Assistant shall keep a log of telephone inquiries received and be conscious of rumor patterns that may need addressing in the next press statement. A series of calls numbering more than three on the same erroneous information should immediately be brought to the attention of the Deputy Public Information Officer. The Deputy Public Information Officer shall discuss the matter with the Lead Public Information Officer for possible action.
 4. The Public Inquiries/Rumor Control Assistant shall use the form found in Attachment 6 to research answers to questions that cannot be answered immediately from the information at hand.
- I. The Governmental Liaison Notification System shall be activated at Site Area Emergency status.
1. The Notification Assistant will report to the State Emergency Operations Center upon notification by the Lead Public Information Officer.
 2. The Notification Assistant will be briefed by the Deputy Public Information Officer and placed in the circulation loop for press statements.
 3. The Notification Assistant will call congressional delegations, governmental agencies and other persons who have a vested interest in frequent updates on the situation. A listing of these agencies and persons can be found in Attachment 7.
- J. The Lead Public Information Officer shall be responsible for the distribution of press statements to the Port Gibson/Claiborne County Civil Defense Agency, the State of Louisiana, the Texas Parish Office of Emergency Preparedness and Mississippi Power and Light Company. This shall be accomplished by the use of high-speed facsimile transmission equipment available at each of the locations. A listing of facsimile telephone numbers can be found in Attachment 2.

- K. The Assistant Public Information Officer shall report to the Port Gibson/Claiborne County Civil Defense Agency upon notification by the Lead Public Information Officer.
1. The Assistant Public Information Officer shall oversee coordination of the public information effort with local government officials and keep the Lead Public Information Officer informed of public information developments at the local level.
- L. The News Gatherer shall report to the State Emergency Operations Center upon notification by the Lead Public Information Officer.
1. The News Gatherer will move from table to table in the State Emergency Operations Center (when activated) to gather information on actions by state agencies involved in the incident.
 2. He shall report his findings to the Deputy Public Information Officer for transmission to the Lead Public Information Officer.
 3. The News Gatherer shall remain on duty until dismissed by the Director of the Mississippi Emergency Management Agency through the Deputy Public Information Officer.
- M. The Media Room Attendant shall report to the State Emergency Operations Center upon notification by the Lead Public Information Officer.
1. The Media Room Attendant is permanently assigned to the Media Room at the State Emergency Operations Center to attend to the needs of any media present and assist the media in every reasonable manner.
- N. Press conferences shall be called by Mississippi Power and Light's Manager of the Emergency News Media Center on a regular basis, to be announced at the activation of the Emergency News Media Center at Site Area Emergency. Press Conferences may be called on a special basis when circumstances warrant. Mississippi Power and Light Company shall open the press conferences and give an update on plant conditions, to be followed by State and local government spokespersons. The major exception to that rule will occur when State and local authorities have protective action recommendations, which will take precedence in announcement and will be moved to the start of the press conference.
1. Provisions for the unilateral opening of the Emergency News Media Center are detailed in Section "IV-G" of this document.
 2. A question and answer period will follow the statements of the participants in the Emergency News Media Center. The period shall be of reasonable length to address as many questions as possible, without causing delay in returning to the work rooms for information updates.

3. The media present at the Emergency News Media Center may contact the Lead Public Information Officer between press conferences through the Media Room Attendant at the Emergency News Media Center.

O. Photographs and interviews shall be available to members of the media by contacting the Lead Public Information Officer at the State Emergency Operations Center.

1. Photographs and interviews must not be conducted in a location, atmosphere or time frame that will impede the conduct of response to the incident.

P. Participants at the Emergency News Media Center shall meet in the pre-designated "Quiet Room" at the Emergency News Media Center to discuss and exchange information prior to press conferences.

V. 24-HOUR STAFF OF EMERGENCY PUBLIC INFORMATION PROGRAM

A. When circumstances dictate that the incident will extend beyond 8 hours from the declaration of Site Area Emergency status, a second-shift and third-shift public information duty roster shall be composed after consultation between the Director of the Mississippi Emergency Management Agency, the Lead Public Information Officer and the Deputy Public Information Officer. Duty rosters for subsequent days, if necessary, shall be composed each 24 hours as called for.

VI. EVACUATION OF THE EMERGENCY NEWS MEDIA CENTER

A. Should evacuation of the Emergency News Media Center become necessary, the Backup Emergency News Media Center will be activated. The Backup Emergency News Media Center is located at the Corporate Emergency Center at Mississippi Power and Light Company headquarters in Jackson.

1. While the Lead Public Information Officer is en route to the Backup Emergency News Media Center, primary responsibility for public information will revert to the Deputy Public Information Officer at the State Emergency Operations Center.

2. The Lead Public Information Officer will notify the Deputy Public Information Officer upon activation of the Backup Emergency News Media Center.

VII. ACTIVATION OF THE EMERGENCY BROADCAST SYSTEM

A. Activation of the Emergency Broadcast System shall occur when the decision has been made to sound the warning sirens in the Claiborne County area.

- B. The Lead Public Information Officer shall direct the Deputy Public Information Officer to notify the Emergency Broadcast System radio stations of the activation according to the list in Attachment 4.
- C. The Emergency Broadcast System personnel shall report to the Mississippi Emergency Management Agency Headquarters on Riverside Drive in Jackson.
- D. Technicians of the Mississippi Emergency Management Agency shall assist Emergency Broadcast System personnel setting up equipment and ensuring that the system is operational.
- E. When local residents have been alerted to tune to Emergency Broadcast System stations by the sirens, the Lead Public Information Officer, through the Deputy Public Information Officer, will release the Emergency Broadcast System message to the radio stations positioned in the Media Room at the State Emergency Operations Center. A listing of Emergency Broadcast System press statements can be found in Attachments 5(A), 5(B), 5(C).
- F. Should the Lead Public Information Officer be in transit at the time of the Emergency Broadcast System Message, the Deputy Public Information Officer shall follow the procedure outlined in Section "IV-F" of this document.
- G. The Emergency Broadcast System shall remain activated until the need for distribution of emergency information is determined to be at an end by the Director of the Mississippi Emergency Management Agency.

INDEX OF ATTACHMENTS

1. Public Information Staff Assignment of Responsibilities
2. Public Information Government Coordination
3. Standard Press Statement
4. Emergency Broadcast Stations
5. Prescribed Emergency Broadcast System Messages
 - (A) Alert Message
 - (B) Site Area Emergency Message
 - (C) General Emergency Message
6. Public Inquiries/Rumor Control Research Form
7. Government Liaison Notification System
8. Prescribed Message on Sheltering
9. Prescribed Message on Evacuation
10. Prescribed Protective Action Areas
11. State Emergency Operations Center Downstairs Layout
12. State Emergency Operations Center Upstairs Layout
13. Emergency News Media Center Upstairs and Downstairs Layout

Attachment 1

Public Information Staff Assignment of Responsibilities

Lead Public Information Officer: Dusty Perkins

Office: 352-9100

Home : 956-8345

Deputy Public Information Officer: Nancy Kay Sullivan

Office: 354-6653

Home : 982-7479

Assistant Public Information Officer: Joyce Evans

Office: 352-9100

Home : 354-4166

Public Information Assistant/Jackson: Clay Kirkland

Office: 354-6653

Home : 924-5491

Public Information Assistant/Port Gibson: Diane McRaney

Office: 352-9100

Home : 372-4875

Public Inquiries/Rumor Control Assistant: Claude Boyd

Office: 352-9100

Home : 845-7773

Media Room Attendant: Robbie Watson

Office: 354-6653

Home : 924-7848

News Gatherer: Clay Kirkland

Office: 354-6653

Home : 924-5491

Government Liaison Notification Assistant: Julia Harris

Office: 352-9100

Home : 922-1720

Speakerphone Assistant: Corie Johnston

Office: 352-9100

Home :

Support Staff/State Emergency Operations Center: Rose Powers

Office: 354-6653

Home : 982-3350

Office: 352-9100

Home : 355-3035

Vickie Fleming

Support Staff/Port Gibson: Scarlet Wyatt

Office: 352-9100

Home : 924-5227

Attachment 2
Public Information Government Coordination

MISSISSIPPI

Port Gibson/Claiborne County Civil Defense Agency

Telephone Number : 437-4684
Facsimile Number : 437-6885

Mississippi Emergency Management Agency

Telephone Number : 352-9100
Facsimile Number : 352-8314

LOUISIANA

Louisiana Office of Emergency Preparedness

Telephone Number : 504-342-1570
Facsimile Number : 504-342-5471

Louisiana Nuclear Energy Division

Telephone Number : 504-925-4518
Facsimile Number : 504-926-1903

Tensas Parish Emergency Preparedness Office

Telephone Number : 318-766-3992 (TPEP Office)
318-766-3376 (Sheriff's Office)
Facsimile Number : 318-766-4391

FEDERAL

Federal Emergency Management Agency-Public Information Officer

Telephone Number : 404-881-2400

MISSISSIPPI POWER AND LIGHT COMPANY

Corporate Emergency Center

Telephone Number : 969-2328
Facsimile Number : 969-4878

Emergency News Media Center

Telephone Number : 437-8334
Facsimile Number : 437-3236



MISSISSIPPI EMERGENCY MANAGEMENT AGENCY

P. O. Box 4501, Fondren Station
JACKSON, MISSISSIPPI 39216
(601) 352-9100

FOR IMMEDIATE RELEASE

Date: _____ Time: _____ am/pm

Statement # _____

MORE
or
END

Attachment 4
Emergency Broadcast Stations

MISSISSIPPI

WJDX/AM, WMSI/FM 982-2000 (Jackson)

WOKJ/AM, WJMI/FM 948-1515 (Jackson)

WKYV/FM 638-5111 (Vicksburg)

LOUISIANA

KNDE/AM, KNOE/FM 318-387-5663 (Monroe)



MISSISSIPPI EMERGENCY MANAGEMENT AGENCY

P. O. Box 4501, Fondren Station
JACKSON, MISSISSIPPI 39216
(601) 352-9100

FOR IMMEDIATE RELEASE

Date: _____ Time: _____ am/pm
Statement # _____

An Alert was declared at the Grand Gulf Nuclear Station near Port Gibson, Mississippi at _____ am/pm.

An Alert is the second level of the four-level classification system used for incidents at nuclear power plants in the United States. An Alert could affect plant safety, and even though there is no danger to the public, governmental officials have been notified and are standing by in case the incident worsens.

Stay tuned to the Emergency Broadcast System stations for further information. A listing of the Emergency Broadcast Stations can be found on the March page of the Grand Gulf Nuclear Station Emergency Public Information Calendar for 1985. The stations are:

Mississippi: WJDX/AM 620 on the AM dial
WOKJ/AM 1550 on the AM dial

WMSI/FM 102.9 on the FM dial
WJMI/FM 99.7 on the FM dial
WKYV/FM 106.7 on the FM dial

Louisiana: KNOE/AM 540 on the AM dial
KNOE/FM 101.9 on the FM dial

END



MISSISSIPPI EMERGENCY MANAGEMENT AGENCY

P. O. Box 4501, Fondren Station
JACKSON, MISSISSIPPI 39216
(601) 352-9100

FOR IMMEDIATE RELEASE

Date: _____ Time: _____ am/pm
Statement # _____

A Site Area Emergency was declared at Grand Gulf Nuclear Station near Port Gibson, Mississippi at _____ am/pm.

A Site Area Emergency is the third level of the four-level classification system used for incidents at nuclear power plants in the United States. Warning sirens may be sounded in the Port Gibson area to alert residents to tune to Emergency Broadcast System radio stations.

Government authorities have directed the following action for residents in the Claiborne County area:

- Sheltering in Protective Action Area(s):
- Evacuation in Protective Action Area(s):
- No action directed at this time

Stay tuned to the Emergency Broadcast System for further information. A listing of the Emergency Broadcast System stations can be found on the March page of the Grand Gulf Nuclear Station Emergency Public Information Calendar for 1985. The stations are:

Mississippi: WJDX/AM 620 on the AM dial
WOKJ/AM 1550 on the AM dial

WMSI/FM 102.9 on the FM dial
WJMI/FM 99.7 on the FM dial
WKYV/FM 106.7 on the FM dial

Louisiana: KNOE/AM 540 on the AM dial
KNOE/FM 101.9 on the FM dial



MISSISSIPPI EMERGENCY MANAGEMENT AGENCY

P. O. Box 4501, Fondren Station
JACKSON, MISSISSIPPI 39216
(601) 352-9100

FOR IMMEDIATE RELEASE

Date: _____ Time: _____ am/pm
Statement # _____

A General Emergency was declared at Grand Gulf Nuclear Station near Port Gibson, Mississippi at _____ am/pm.

A General Emergency is the most serious level of the four-level classification system used for incidents at nuclear power plants in the United States. Warning sirens have been sounded to alert residents in the Claiborne County area to tune to Emergency Broadcast System radio stations.

Government authorities have directed the following action for residents in the Claiborne County area:

- Sheltering in Protective Action Areas:
- Evacuation in Protective Action Areas:
- No action directed.

Stay tuned to the Emergency Broadcast System for further information. A listing of the Emergency Broadcast System radio stations can be found on the March page of the Grand Gulf Nuclear Station Emergency Public Information Calendar for 1985. The stations are:

<u>Mississippi:</u>	WJDX/AM	620	on the AM dial
	WOKJ/AM	1550	on the AM dial
	WMSI/FM	102.9	on the FM dial
	WJMI/FM	99.7	on the FM dial
	WKYV/FM	106.7	on the FM dial
<u>Louisiana:</u>	KNOE/AM	540	on the AM dial
	KNOE/FM	101.9	on the FM dial

Attachment 6
Public Inquiries/Rumor Control
Research Form

PUBLIC INQUIRIES/RUMOR CONTROL RESEARCH FORM

Name of Caller: _____

Telephone Number: _____

Date: _____ Time: _____

Nature of Inquiry: _____

Answer to Inquiry: _____

Answer provided by _____

Organization _____

Public Inquiries/Rumor Control Assistant: _____

Attachment 7
Government Liaison Notification System

Office of the Governor

Honorable Bill Allain, Governor	359-3100
Honorable Herman Glazier, Assisant to the Governor	359-3100
Ms. Jo Ann Klein, Press Secretary	359-3109
Governor's Mansion	359-3175

United States Senate

Honorable John C. Stennis	202-224-6253 (Washington, DC)	
	353-5494 (Jackson)	
Honorable Thad Cochran	202-224-5054 (Washington, DC)	
	960-4459 (Jackson)	

United States House of Representatives

Honorable Jamie L. Whitten	202-225-4306 (Washington, DC)	
	647-2413 (Jackson)	
Honorable Webb Franklin	202-225-5876 (Washington, DC)	
	453-0126 (Greenwood)	
Honorable G.V. "Sonny" Montgomery	202-225-5031 (Washington, DC)	
	693-6681 (Meridian)	
Honorable Wayne Dowdy	202-225-5865 (Washington, DC)	
	969-3300 (Jackson)	
Honorable Trent Lott	202-225-5772 (Washington, DC)	
	864-7670 (Gulfport)	

Office of the Lieutenant Governor

Honorable Brad Dye, Lieutenant Governor	359-3200
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Office of the Speaker of the House

Honorable CB "Buddy" Newman, Speaker of the House	359-3300
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Host Counties

Adams	442-7021	Copiah	892-2133
Warren	636-1544	Hinds	960-1476

Attachment 8
Prescribed Message on Sheltering

SHELTERING

Sheltering does not mean that an evacuation is underway or is even being planned. What sheltering does mean is that persons in the affected Protective Action Areas should remain indoors with all windows and doors closed. Outside ventilation should be shut off as much as possible.

Bring pets indoors, where possible, and make arrangements to shelter larger animals in other enclosed facilities (such as barns) with adequate food and water.

For a listing of your Protective Action Area, consult the Grand Gulf Nuclear Station Emergency Public Information Calendar for 1985. This information can be found on the back inside flap of the calendar.

Stay tuned to the Emergency Broadcast System radio stations for further information on the proper actions to take.

Attachment 9
Prescribed Message on Evacuation

EVACUATION

Evacuation means that persons in the affected Protective Action Areas should leave their homes in a calm, orderly fashion. Evacuations are always ordered by authorities a considerable time before an evacuation is actually necessary. This is a precaution that allows for plenty of time for the evacuation.

Persons who are directed to evacuate may go to one of the pre-designated evacuation centers that will be opened in surrounding counties. For a listing of your Protective Action Area and shelter, consult the Grand Gulf Nuclear Station Emergency Public Information Calendar for 1985. This information is on the back inside flap of the calendar. Follow the evacuation route and information signs. Traffic control points have been established by the Mississippi Highway Safety Patrol and local law enforcement agencies to assist you in reaching the designated Evacuation Center.

When leaving your home, be sure to take articles such as:

- Two blankets per person
- Pillows
- Two changes of clothes
- Essential personal papers
- Medication
- Toilet articles
- Baby supplies

Also, be sure to:

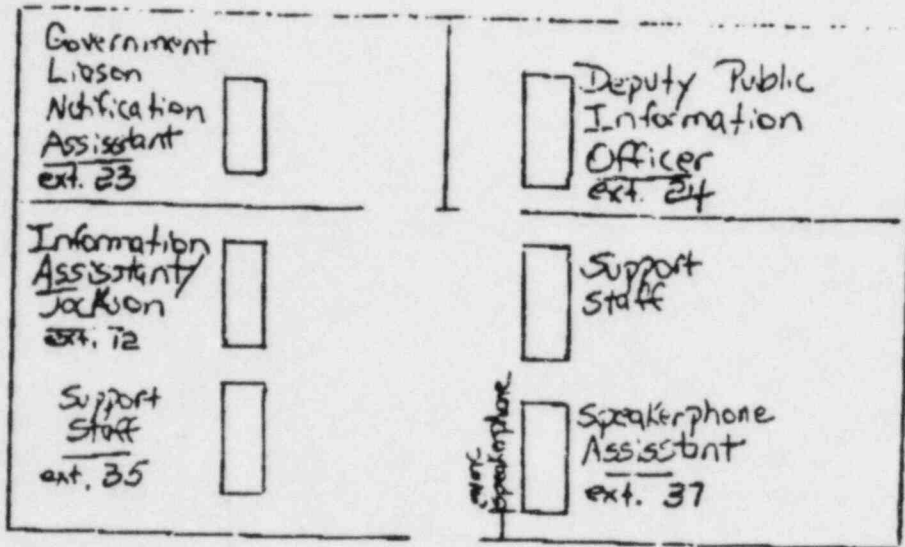
- Close blinds and curtains
- Provide food, water and shelter for pets
- Lock all windows and doors
- Shut off faucets and unnecessary appliances

Stay tuned to the Emergency Broadcast System radio stations for further information on proper actions to take.

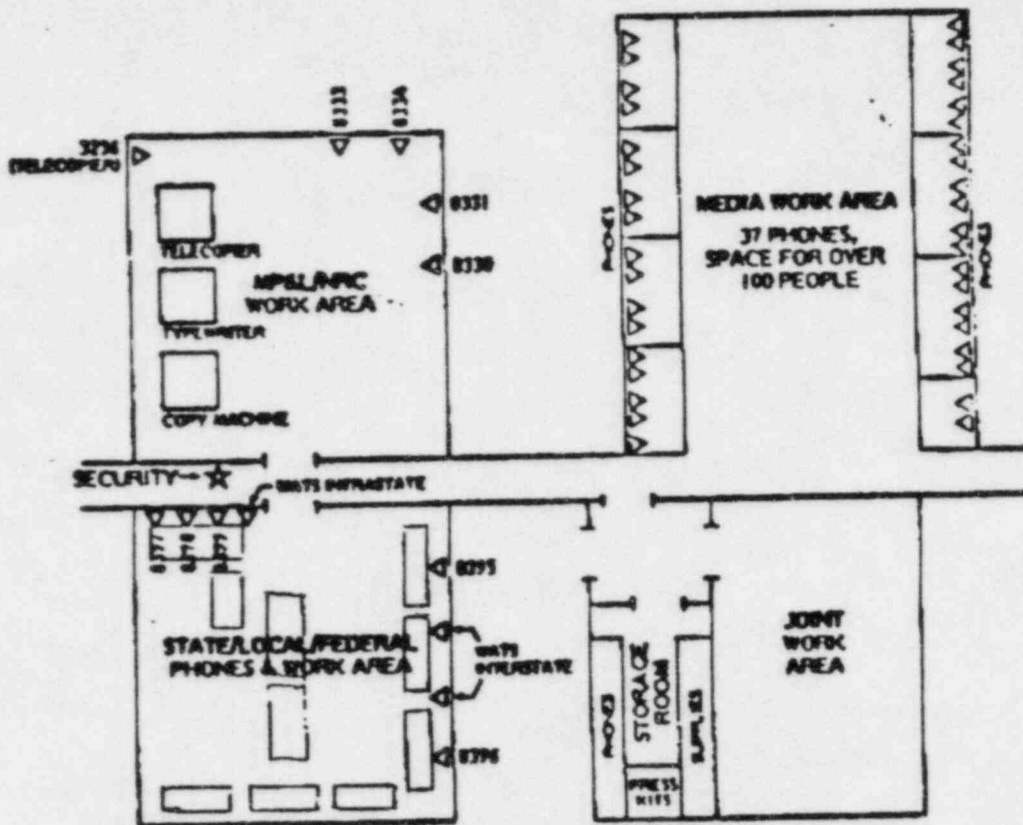
PROTECTIVE ACTION AREAS

1. North: Big Black River
East : Ingleside Community
South: Bayou Pierre
West : Mississippi River
- 2(A). North: Big Black River
East : Highway 61
South: Bayou Pierre
West : Ingleside Community
- 2(B). North: Big Black River
East : Willows Community
South: Bayou Pierre
West : Highway 61
- 3(A). North: Bayou Pierre
East : Natchez Trace Parkway
South: Little Bayou Pierre
West : Little Bayou Pierre
- 3(B). North: Bayou Pierre
East : 10-mile boundary
South: Little Bayou Pierre
West : Natchez Trace
- 4(A). Immediate Port Gibson Area
South of Little Bayou Pierre
West of Natchez Trace
- 4(B). North: Little Bayou Pierre
East : 10-mile boundary
South: Gordon Community
West : Highway 61/Natchez Trace
- 5(A). North: Bayou Pierre
East : Highway 61
South: Westside Community
West : Bayou Pierre
- 5(B). North: Westside Community
East : Highway 61
South: 10-mile boundary
West : Highway 552
6. Alcorn State University
7. North: 10-mile boundary
East : Big Black River
South: Big Black River
West : Mississippi River


Attachment 11
State Emergency Operations Center
Downstairs Layout

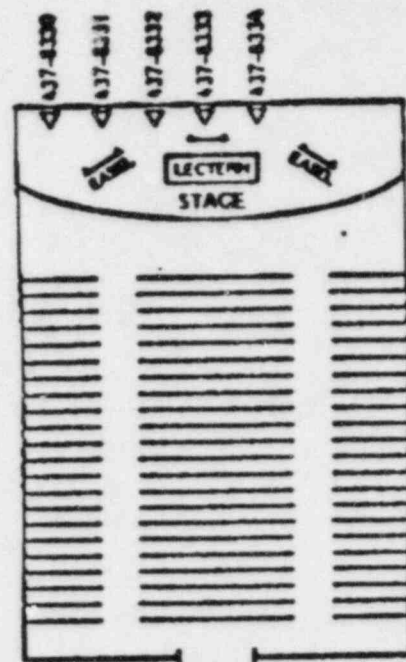


EMERGENCY NEWS MEDIA CENTER
 CHAMBERLAIN-HUNT ACADEMY
 PORT GIBSON, MS



BASEMENT FLOOR


 ↓
 Folding tables



AUDITORIUM
 1ST FLOOR

SEATING CAPACITY - 200

ACTIVATION AND OPERATION OF THE EMERGENCY NEWS
 MEDIA CENTER (ENMC)
 ATTACHMENT I to Procedure 4.6