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the southern electric system

W. G. Hairston, III
Senior Vice President
Nuclear Operations

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0378

Docket Nos. 50-424
50-425

U. S. Nuclear Regulatory Commission
Region II - Suite 2900
101 Marietta Street, N. W.
Atlanta, Georgia 30303

Attention: Mr. W. H. Rankin, Chief
Emergency Preparedness Section

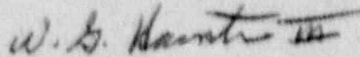
Gentlemen:

VOGTLE ELECTRIC GENERATING PLANT
1990 EMERGENCY PREPAREDNESS EXERCISE

Georgia Power Company will conduct the annual emergency preparedness exercise for the Vogtle Electric Generating Plant (VEGP) Units 1 and 2 on August 1, 1990, in accordance with 10 CFR 50, Appendix E. The exercise will involve evaluated participation by the state and county agencies of South Carolina. The exercise scope and objectives are described in the enclosure.

Should you have any questions in this regard, please contact this office at any time.

Sincerely,



W. G. Hairston, III

WGH,III/JJB/gm

Enclosure: 1990 Emergency Preparedness Exercise Scope and Objectives

xc: Georgia Power Company
Mr. C. V. McCoy
Mr. C. Backhold, Jr.
Mr. G. M. Odom
Mr. P. D. Rushton
NORMS

U. S. Nuclear Regulatory Commission
Mr. S. D. Ebner, Regional Administrator (2 copies)
Mr. T. A. Reed, Licensing Project Manager, NRR
Mr. R. F. Aiello, Senior Resident Inspector, Vogtle

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1990 EMERGENCY PREPAREDNESS EXERCISE

SCOPE

To assure that the health and safety of the general public is protected in the event of an accident at the Vogtle Electric Generating Plant (VEGP), the Georgia Power Company (GPC) conducts annual emergency preparedness exercises. Emergency responses are evaluated by the Nuclear Regulatory Commission (NRC) and the Federal Emergency Management Agency (FEMA).

The 1990 exercise at the VEGP involves mobilization of GPC personnel and resources in response to simulated accident conditions. Exercise "participants" will not have any prior knowledge of the accident conditions to be simulated, including the operational sequences, radiological releases, and weather conditions. Onsite facilities will be activated in accordance with appropriate emergency response procedures. Due to the compressed timeline, some portions of the GPC emergency organization may be prepositioned. The state of South Carolina and the counties of Aiken, Allendale, Barnwell, and Burke County, Georgia, will participate fully. The state of Georgia will partially participate in support of Burke County.

A radiological medical emergency, semi-annual health physics, and an annual communication drill will be integrated into the scenario. The medical emergency will test the ability of the designated hospital and emergency medical services to handle a contaminated injured patient.

The purpose of the exercise is to demonstrate that the GPC staff, in coordination with offsite agencies, can perform assigned responsibilities in accordance with the VEGP Emergency Preparedness Plans and Procedures.

OBJECTIVES FOR 1990 GRADED EXERCISE

The Vogtle Electric Generating Plant (VEGP) emergency preparedness exercise objectives are based on Nuclear Regulatory Commission (NRC) requirements provided in 10CFR50.47, "Emergency Plans," and 10CFR50, Appendix E, "Emergency Planning and Preparedness for Production and Utilization Facilities." Additional guidance provided in NUREG-0654, FEMA-REP-1, Revision 1, "Criteria for Preparation and Evaluation of Radiological Emergency Response Plans" was utilized in developing the objectives.

A. Accident Assessment and Classification

1. Demonstrate the ability to identify initiating conditions, determine emergency action level (EAL) parameters, and correctly classify the emergency throughout the exercise.
2. Demonstrate the ability to provide core damage assessments.

B. Notification

3. Demonstrate the ability to alert, notify, and mobilize site emergency response personnel.
4. Demonstrate the ability to expeditiously notify state, local, and federal authorities.
5. Demonstrate the ability to warn or advise onsite individuals of emergency conditions.

C. Emergency Response

6. Demonstrate the ability to make proper decisions and to coordinate emergency activities.
7. Demonstrate the ability to transfer emergency direction from Control Room (simulator) to the Technical Support Center (TSC), and from the TSC to the Emergency Operations Facility (EOF) in a timely manner.
8. Demonstrate the ability to perform assembly and accountability.
9. Demonstrate the ability to communicate with, and obtain assistance from, appropriate offsite support organizations.

D. Emergency Response Facilities

10. Demonstrate timely activation of the TSC, Operations Support Center (OSC), and EOF.
11. Demonstrate the adequacy of equipment, security provisions, and habitability precautions for the TSC, OSC, EOF, and Emergency News Center (ENC).

OBJECTIVES (continued)

12. Demonstrate the adequacy of communications for all emergency support resources.

E. Radiological Assessment and Control

13. Demonstrate the ability to obtain onsite radiological surveys and samples.
14. Demonstrate the ability to utilize the post accident sampling system to collect and analyze appropriate samples.
15. Demonstrate the ability to continuously monitor and control emergency worker exposures.
16. Demonstrate the ability to assemble and deploy field monitoring teams in a timely fashion.
17. Demonstrate the ability to collect and disseminate field team data.
18. Demonstrate the ability to develop dose projections and determine appropriate protective actions.
19. Demonstrate the ability to conduct Search and Rescue.

F. Medical

20. Demonstrate the ability to respond to and treat a contaminated/injured individual.
21. Demonstrate the adequacy of ambulance and hospital facilities and procedures for handling contaminated/injured individuals.

G. Public Information

22. Demonstrate the ability to coordinate information prior to release to the media.
23. Demonstrate the ability to brief the media in a clear, accurate, and timely manner.
24. Demonstrate the ability to establish and operate rumor control in a coordinated fashion.

H. Evaluation

25. Demonstrate ability to conduct a post-exercise critique to determine areas requiring improvement or corrective action.