



UNITED STATES
 NUCLEAR REGULATORY COMMISSION
 REGION II
 101 MARIETTA STREET, N.W.
 ATLANTA, GEORGIA 30323

MAR 13 1992

Report Nos.: 50-424, 425/92-03

Licensee: Georgia Power Company

Docket Nos.: 50-424, 50-425

License Nos.: NPF-68 and NPF-81

Facility Name: Vogtle 1 and 2

Inspection Conducted: February 3-7, 1992

Inspector: W. M. Sartor, Jr. 3/13/92
 W. M. Sartor, Jr. Date Signed

Approved by: W. H. Rankin 3/13/92
 W. H. Rankin, Chief Date Signed
 Emergency Preparedness Section
 Radiological Protection and Emergency Preparedness
 Branch
 Division of Radiation Safety and Safeguards

SUMMARY

Scope:

This routine, unannounced inspection was conducted to assess the operational readiness of the site emergency preparedness program, and included review of the following programmatic elements: (1) Emergency Plan and associated implementing procedures; (2) facilities, equipment, instrumentation, and supplies; (3) organization and management control; (4) training; and (5) independent and internal reviews and audits.

Results:

Emergency facilities and equipment were properly maintained; program organization and management control systems were well established; and the followup and correction of open items from inspections, audits, and drills were systematic. The overall conclusion of this inspection was that the emergency preparedness program was being maintained in an adequate state of operational readiness.

REPORT DETAILS

1. Persons Contacted

Licensee Employees

- *H. Beacher, Senior Plant Engineer
- B. Blackman, Alarm Station Operator
- *S. Bradley, Engineering Supervisor
- *R. Brown, Acting Manager, Training
- *C. Christiansen, Supervisor, Safety Audit and Engineering Review
- *W. Copeland, Supervisor, Material Engineering Review
- *J. Gasser, Unit Supervisor
- *C. Kitchens, Supervisor, Nuclear Security
- *L. Mayo, Nuclear Specialist I
- *T. Mazingo, Superintendent, Nuclear Operations
- *P. O'Neil, Security Supervisor
- *R. Odom, Plant Engineering Supervisor
- *A. Parton, Chemistry Superintendent
- J. Petro, Nuclear Specialist, Safety Audit and Engineering Review
- *J. Roberts, Emergency Preparedness Coordinator
- *M. Sheibani, Nuclear Safety and Compliance Supervisor

Other licensee employees contacted included engineers, technicians, operators, mechanics, and office personnel.

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- *B. Bonser, Senior Resident Inspector
- *P. Balmain, Resident Inspector
- *R. Starkay, Resident Inspector

Attended Exit Meeting

2. Emergency Plan and Implementing Procedures (82701)

Pursuant to 10 CFR 50.47(b)(16), 10 CFR 50.54(q), Appendix E to 10 CFR Part 50, and Section 5.1 of the Emergency Plan, this area was inspected to determine whether significant changes were made in the licensee's emergency preparedness program since the inspection in February 1991, to assess the impact of any such changes on the overall state of emergency preparedness at the facility, and to determine whether the licensee's actions in response to actual emergencies were in accordance with the Emergency Plan and its implementing procedures.

The inspector reviewed the licensee's administrative program for making changes to the Emergency Plan and Implementing Procedures. A review of the Emergency Plan Revision 14, dated January 17, 1992, indicated the *

change was reviewed and approved by management in accordance with procedures. Documents for the Emergency Plan Implementing Procedures (EPIPs) were reviewed to verify the submittals were made to the NRC within 30 days of the approval date. No problems were noted.

Selected notebooks containing controlled copies of EPIPs were reviewed by the inspector for currentness regarding recent EPIP revisions. The selected documents reviewed were all current.

No violations or deviations were identified.

3. Emergency Facilities, Equipment, Instrumentation, and Supplies (82701)

Pursuant to 10 CFR 50.47(b)(8) and (9) 10 CFR 50.54(q), and Section IV.E of Appendix E to 10 CFR Part 50, this area was inspected to determine whether the licensee's ERFs and associated equipment, instrumentation and supplies were maintained in a state of operational readiness, and to assess the impact of any changes in this area upon the emergency preparedness program.

The inspector toured the Technical Support Center (TSC) and the Emergency Operations Facility (EOF) which were found to be maintained in a state of operational readiness. Discussions were held with members of the emergency preparedness staff concerning modifications to facilities, equipment, and instrumentation since the last inspection. No significant facility or instrumentation changes had been taken; however, an equipment modification to the EOF heating, ventilation, and air conditioning (HVAC) system had been made to increase reliability by eliminating dampers and simplifying controls. The system normally functions in its emergency mode with the exception of one exhaust fan.

The inspector also noted that the FTS-2000 telephones had been installed in the Control Room and the TSC. The installation of the EOF's FTS-2000 telephones was scheduled for March 1992.

Two field monitoring team kits were also inspected for completeness and current calibration of instruments. All items inspected were in good repair and of current calibration if applicable.

No violations or deviations were identified.

4. Organization and Management Control (82701)

Pursuant to 10 CFR 50.47(b)(1) and (16) Section IV.A of Appendix E to 10 CFR Part 50, and Section 5.3 of the Emergency Plan, this area was inspected to determine the effects of any changes in the licensee's emergency preparedness program, and to verify that any such changes were properly factored into the Emergency Plan and EPIPs.

The inspector was informed by a member of the licensee's staff of only one significant administrative change to the emergency organization made since the last inspection as a result of personnel reassignments or promotions. The inspector reviewed the training requirements against the individual's training for this newly designated individual and found no problems.

No violations or deviations were identified.

5. Training (82701)

Pursuant to 10 CFR 50.47(b)(15), Section IV.F of Appendix E to 10 CFR Part 50, and Section O of the licensee's Emergency Plan, this area was inspected to determine whether the licensee's key emergency response personnel were properly trained and understood their emergency responsibilities.

The inspector reviewed the training status of emergency response personnel by obtaining the Duty Call-Out Roster for the week of February 5, 1992. All the training records of personnel designated as members of the emergency response team were reviewed against the training requirements for the respective position. No problems were identified.

No violations or deviations were identified.

6. Independent and Internal Reviews/Audits (82701)

Pursuant to 10 CFR 50.47(b)(14) and (16) and 10 CFR 50.54(t), this area was inspected to determine whether the licensee had performed an independent review or audit of the emergency preparedness program, and whether the licensee had a corrective action system for deficiencies and weaknesses identified during exercises and drills.

Section P of the VEGP Emergency Plan delineates the audit scope and responsibilities to meet the above requirements. The required annual independent audit was conducted by means of two separate reviews. The first, reported in Safety Audit and Engineering Review (SAER) Audit Report 91-3 dated May 2, 1991, evaluated the VEGP Emergency Preparedness Program for off-site organizations and the adequacy of the interfaces with State and local governments. The inspector also reviewed the May 23, 1991, letters to the State and local governments in which the evaluation for adequacy of interface with State and local governments was provided in accordance with 10 CFR 50.54(t).

The second independent audit, reported in VSAER-91-154 dated July 2, 1991, included a review of selected requirements from the following areas: Emergency Plan Organization, Emergency Assessment Actions, Emergency Notifications, Emergency Facilities and equipment, Emergency Plan Training and checklist item followup from previous audits. It also included observing the Annual Graded Exercise. The summary of problems found were reviewed and were indicative of a detailed audit of the selected areas by knowledgeable auditors with a good understanding of emergency preparedness.

Aggressive audit followup to adequacy of corrective action was reflected in review of Audit Finding Report No. OP12-91/18 #479, which addressed two outdated EPIP's in the Supervisor-Nuclear Security (SNS) office. A followup audit of the EPIP manuals in the Plant Entrance and Security Building (PESB), the Central Alarm System (CAS) and Secondary Alarm System (SAS) found outdated EPIPs and this was reported in a Corrective Action Response Review Comments Sheet for additional corrective action.

Documentation of the required annual internal review of the Emergency Plan and EPIPs was reviewed by the inspector. The review was performed from May 9, 1991 to June 6, 1991 and documented in VSAER-91-154. The review identified inconsistent Critical Safety Function Status Trees (CSFSTs) as documented in NRC Inspection Report 50-424, 50-425/91-23. Corrective action was complete with the approval of Revision 14 to the Emergency Plan on December 23, 1991.

Deficiencies identified during drills and exercises were evaluated for corrective action, assigned responsibility for the corrective action, assigned a required completion date, assigned an open item #, and monitored to completion by the onsite emergency preparedness coordinator (EPC).

No violations or deviations were identified.

7. Action on Previous Inspection Findings (92701, 92702)

a. (Closed) Violation 50-424, 425/91-23-01: Failure to adequately implement requirements of Technical Specification 6.7.1.d based on a classification inconsistency between actual plant conditions versus events in progress or which have occurred. The licensee response dated November 22, 1991, was considered acceptable by Region II. Inspector review indicated the corrective actions stated in the licensee response had been implemented. The revised Emergency Plan Implementing Procedure 91001-C dated November 21, 1991 corrected the inconsistency.

b. (Closed) IFI 50-424, 425/91-23-03: Verify completion of Maintenance Work Order #A9101168 (EOF Ventilation Modification) which is the final action in response to Violation 50-424, 425/91-08-02. The inspector reviewed the above referenced MWO which was approved for closeout by Quality Control on December 13, 1991.

8. Exit Interview

The inspection scope and results were summarized on February 7, 1992, with those persons indicated in Paragraph 1. The inspector described the areas inspected and discussed in detail the inspection results. Proprietary information is not contained in this report. Dissenting comments were not received from the licensee.