



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

AUG 30 1985

Report Nos.: 50-269/85-24, 50-270/85-24, and 50-287/85-24

Licensee: Duke Power Company
422 South Church Street
Charlotte, NC 28242

Docket Nos.: 50-269, 50-270, and 50-287

License Nos.: DPR-38, DPR-47, and
DPR-55

Facility Name: Oconee Nuclear Station

Inspection Conducted: August 12-16, 1985

Inspector: J. L. Kreh
J. L. Kreh

8-29-85
Date Signed

Approved by: W. E. Cline
W. E. Cline, Chief
Emergency Preparedness Section
Division of Radiation Safety and Safeguards

8-29-85
Date Signed

SUMMARY

Scope: This routine, unannounced inspection entailed 32 inspector-hours onsite and two inspector-hours offsite in the area of emergency preparedness.

Results: No violations or deviations were identified.

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REPORT DETAILS

1. Persons Contacted

Licensee Employees

M. S. Tuckman, Station Manager
 *H. R. Lowery, Acting Station Manager
 *C. C. Jennings, Station Emergency Planner
 *R. T. Bond, Compliance Engineer
 *T. C. Matthews, Compliance Technical Specialist
 E. G. LeGette, Shift Supervisor
 G. B. Jones, Shift Supervisor

Other licensee employees contacted included technicians and office personnel.

Other Organizations

W. B. Purcell, Director, Oconee County (SC) Emergency Preparedness Agency
 R. L. Miles, M. D., Director, Department of Radiology, Oconee Memorial Hospital, Seneca, SC
 J. R. Pruitt, M.D., Director of Laboratories, Oconee Memorial Hospital

NRC

*J. C. Bryant, Senior Resident Inspector
 L. P. King, Resident Inspector
 *W. E. Cline, Chief, Emergency Preparedness Section, Region II

*Attended exit interview

2. Exit Interview (30703)

The inspection scope and findings were summarized on August 16, 1985, with those persons indicated in paragraph 1 above. The inspector described the areas inspected and discussed in detail the inspection findings.

The licensee did not identify as proprietary any of the materials provided to or reviewed by the inspector during this inspection.

3. Changes to the Emergency Preparedness Program (82204)

Pursuant to 10 CFR 50.47(b)(16), 10 CFR 50.54(q), and 10 CFR Part 50, Appendix E, Sections IV and V, this area was reviewed to determine whether changes were made to the program since the last routine inspection (August 1984) and to note how any such changes affected the overall state of emergency preparedness.

The inspector discussed the licensee's program for making changes to the Emergency Plan (EP) and Emergency Plan Implementing Procedures (EPIPs). The inspector reviewed the licensee's system (described in EP Section P) for review and approval of changes to the plan and procedures. The inspector verified that changes to the plan and procedures were reviewed and approved by management. It was also noted that all such changes were submitted to NRC within 30 days of the effective date, as required.

Discussions were held with licensee representatives concerning recent modifications to facilities, equipment, and instrumentation. The inspector was informed that, except for some rearrangement of telephones within the Technical Support Center (TSC) and the Operational Support Center, no such modifications had been made.

The organization and management of the emergency preparedness program were reviewed. The inspector verified that there had been no significant changes in the organization or assignment of responsibility for the plant and corporate emergency planning staffs since the last inspection. The inspector's discussions with licensee representatives also disclosed that there had been no significant changes in the organization and staffing of the offsite support agencies since the last inspection.

The inspector reviewed the licensee's program for distribution of changes to the EP and the EPIPs. Document control records for the period August 1984 to July 1985 showed that appropriate personnel and organizations were sent copies of plan and procedural changes, as required.

No violations or deviations were identified in this program area.

4. Knowledge and Performance of Duties (Training) (82206)

Pursuant to 10 CFR 50.47(b)(15) and 10 CFR Part 50, Appendix E, Section IV.F, this area was inspected to determine whether emergency response personnel understood their emergency response roles and could perform their assigned functions.

The inspector reviewed the description (in EP Section O) of the training program, training procedures, and selected lesson plans, and interviewed members of the instructional staff. Based on these reviews and interviews, the inspector determined that the licensee had established a formal emergency training program.

Records of training for key members of the emergency organization for the period April 1984 to May 1985 were reviewed. The training records revealed that personnel designated as alternates or given interim responsibilities in the emergency organization were provided with appropriate training. According to the training records, the type, amount, and frequency of training were consistent with approved procedures.

The inspector conducted walk-through evaluations with 2 Shift Supervisors. During these walk-throughs, individuals were given various hypothetical sets

of emergency conditions and data and asked to respond as if an emergency actually existed. The individuals demonstrated familiarity with emergency procedures and equipment, and no problems were observed in the areas of emergency detection/classification and protective action decision-making.

The inspector determined that neither the EP nor the EIPs (nor any other licensee document, for that matter) specified who would serve as interim Emergency Coordinator in the event the Shift Supervisor was incapacitated or otherwise unavailable during an emergency condition. Acknowledging this to be the case, licensee representatives stated that the Senior Reactor Operator (SRO) with highest seniority would assume command, and that Control Room personnel were cognizant of this unwritten line of succession. The Senior Resident Inspector verified the existence of this understanding through interviews with Control Room personnel on one shift. Nevertheless, licensee management representatives agreed to consider written delineation of the line of succession for the Shift Supervisor position.

Inspector Follow-up Item (269, 270, 287/85-24-01): Formal specification of the line of succession for Shift Supervisor.

No violations or deviations were identified in this program area.

5. Licensee Audits (82210)

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.

Records of audits of the program were reviewed. The records showed that an independent audit of the program was conducted by the licensee's Quality Assurance Department on December 10, 1984, to January 1, 1985, and documented in Audit Report No. NP-84-23(CM). This audit fulfilled the 12-month frequency requirement for such audits. The audit records showed that the State and local government interfaces were evaluated, and that findings concerning the interfaces were made available to State and local government authorities. Audit findings and recommendations were presented to plant and corporate management.

Licensee emergency plans and procedures required critiques following exercises and drills. Licensee documentation showed that critiques were held following periodic drills as well as the annual exercise. The records showed that deficiencies were discussed in the critiques, and recommendations for corrective action were made.

The licensee's program for follow-up action on audit, drill, and exercise findings was reviewed. Licensee procedures required follow-up on deficient areas identified during audits, drills, and exercises. The inspector reviewed licensee records which indicated that corrective action was taken on identified problems, as appropriate. The licensee had established a tracking system called the Integrated Commitment Index as a management tool in following up on actions taken in deficient areas.

No violations or deviations were identified in this program area.

6. Coordination with Offsite Agencies (82210)

The inspector held discussions with licensee representatives regarding the coordination of emergency planning with offsite agencies. Written agreements existed with those offsite support agencies specified in the EP, and the agreements had been renewed within the past two years, as required. The inspector determined through interviews with representatives of selected local and State support agencies that the licensee was periodically contacting those agencies for purposes of offering training and maintaining mutual familiarization with emergency response roles. Those interviews disclosed no significant problems related to the interfaces between the licensee and the offsite support agencies listed in paragraph 1.

7. Inspector Follow-up (92701)

(Closed) Inspector Follow-up Item (IFI) 269, 270, 287/85-15-02: Inadequate plume monitoring during annual exercise. Exercise documentation indicated that the plume centerline and dimensions were accurately located and defined by the field monitoring teams.