



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

SEP 20 1988

Report No.: 50-261/88-22

Licensee: Carolina Power and Light Company
P. O. Box 1551
Raleigh, NC 27602

Docket No.: 50-261

License No.: DPR-23

Facility Name: H. B. Robinson

Inspection Conducted: August 29 - September 2, 1988

Inspector: Thomas R. Decker 9/19/88
E. D. Testa Date Signed

Approved by: Thomas R. Decker 9/19/88
T. R. Decker, Section Chief Date Signed
Division of Radiation Safety and Safeguards

SUMMARY

Scope: This routine, unannounced inspection was conducted in the area of emergency preparedness, and included a review of the following programmatic areas: (1) Emergency Plan and Implementing Procedures; (2) emergency facilities, equipment, instrumentation, and supplies; (3) organization and management control; (4) training; and (5) independent reviews/audits.

Results: In the areas inspected, no violations or deviations were identified. The findings of this inspection appeared to indicate that the licensee was prepared to respond to a radiological emergency involving the H. B. Robinson facility.

REPORT DETAILS

1. Persons Contacted

Licensee Employees

G. Bowden, Training Assistant
*W. Brown, Unit 2 Operations - Fire Protection
*J. Curley, Director Regulatory Compliance
*C. Dietz, Manager, Robinson Nuclear Project Department
S. Edwards, Senior Engineer Plant Systems
S. Griggs, Tech Aid - Regulatory Compliance
J. Harrison, Project Specialist - Environmental & Chemistry
*D. Ingram, Administration and Controls
D. McCaskill, Shift Foreman
*R. Morgan, Plant General Manager
*M. Morrow, Senior Specialist - Emergency Preparedness
*H. Pollack, Corporate QA
*E. Roper, Unit 2 Operations - Fire Protection
*A. Shepherd, Tech - Regulatory Compliance
*J. Sheppard, Unit 2 - Operation
*B. Snipes, Training Unit
R. Steele, Shift Foreman
S. Wallace, Tech Aid - Emergency Preparedness

Other licensee employees contacted during this inspection included craftsmen, engineers, operators, mechanics, security force members, technicians, and administrative personnel.

Other Organizations

J. McKelvey, EOC Director, Darlington County
R. Rayfield, EOC Director, Chesterfield County
D. Rhame, EOC Director, Lee County
A. Taylor, Area 4 Coordinator South Carolina Emergency Preparedness Division, Office of Adjutant General

Nuclear Regulatory Commission

*R. Latta, Resident Inspector
*G. Wiseman, Fire Protection Engineer

*Attended exit interview

2. Licensee Action On Previous Enforcement Matters

This subject was not addressed during this inspection.

3. 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 of the licensee's Station Emergency Plan, this area was inspected to determine whether significant changes had been made in the licensee's emergency preparedness program during the past year, and to assess the impact of any such changes on the overall state of emergency preparedness at the facility.

The inspector reviewed the licensee's system for making changes to the Emergency Plan and the Plant Emergency Procedures (PEPs). By a selective review, the inspector verified that the licensee management approved revisions to the Station Emergency Plan and PEPs issued since August 1, 1987. Controlled copies of the Station Emergency Plan and PEPs were examined in the Control Room, Technical Support Center (TSC), and Emergency Operation Facility (EOF) and found to be correct.

The inspector reviewed the following agreement letters and found them current.

- Byerly Hospital
- Wilson Clinic & Hospital
- Hartsville Family Practice
- Hartsville Internal Medicine
- Lake Robinson Rescue Squad
- Darlington County Emergency Medical Services
- Hartsville Rescue Squad
- Hartsville Fire Department
- Darlington County Sheriff's Department
- Bishopville Police Department
- Chesterfield County Sheriff's Department

No violations or deviations were identified.

4. 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 emergency response facilities and other essential emergency equipment, instrumentation, and supplies were maintained in a state of operational readiness, and to assess the impact of any change in this area upon the emergency preparedness program.

The inspector selectively examined emergency supplies and equipment in the Control Room, TSC, EOF, Operational Support Center (OSC) and First Aid facility. Records from PEP-655 Rev. 5 titled "Inventory of TSC/EOF and Equipment," indicated that TSC/EOF equipment was maintained, stocked and ready for use. Selective examination of Vendor Manuals and prints in the OSC indicated that they were readily available and the prints were the latest revision. The First Aid facility was found to be well stocked and equipment stored ready for use.

The inspector reviewed the test records for the Public Warning Siren System. Test records for bi-weekly silent, quarterly growl, and the annual fuel cycle test were reviewed and all tests showed an acceptable level of siren availability.

On September 2, 1988, the inspector witnessed the weekly alarm test of the Site Evacuation Alarm, Fire Alarm, Fire Alarm all clear, and Local Evacuation. The Public Address Announcement and alarms were available in the EOF and TSC areas.

No violations or deviations were identified.

5. Organization and Management Control (82701)

Pursuant to 10 CFR 50.47(b)(1) and (16) and Section IV.A of Appendix E to 10 CFR Part 50, this area was inspected to determine the effects of changes in the licensee's emergency response organization and/or management control systems to the emergency preparedness program, and to verify that such changes were properly factored into this Emergency Plan Implementing Procedures.

The organization and management of the emergency preparedness program were reviewed and discussed with licensee representatives. The licensee stated that due to retirement, a new Manager - Robinson Nuclear Project Department (effective September 1, 1988), had been named to replace the Vice President - Robinson's Nuclear Project Department. The newly appointed Manager - Robinson Nuclear Project Department previously was assigned to the Brunswick Nuclear Facility and had performed an Emergency Plan function at that site. No reduction in the Emergency Plan effectiveness was expected. No other onsite changes directly impacted emergency preparedness.

The inspector had telephone discussions with the following offsite emergency services organization representatives:

- Chesterfield County EOC Director
- Darlington County EOC Director
- Lee County EOC Director
- State of South Carolina
Area 4 Coordinator South Carolina Emergency Preparedness Division
Office of Adjutant General

The discussion indicated that a satisfactory relationship existed between the licensee and the offsite emergency services organizations.

No violations or deviations were identified.

6. Training (82701)

Pursuant to 10 CFR 50.47(b)(2) and (15), Section IV.F of Appendix E to 10 CFR Part 50, and Section 8 of the Station 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 conducted an interview in the TSC with one Shift Foreman. The Shift Foreman was given several sets of hypothetical emergency conditions and plant data and was asked in each case to talk through the response he would provide as the Site Emergency Coordinator if such an emergency actually existed. The individual exhibited comprehensive knowledge of the Emergency Plan and Plant Emergency Procedures. No problems were observed in the area of event classification and protective action decision making.

The inspector reviewed Non Conformance Report (NCR) 88/109 which described the August 26, 1988 off hour (0400-0530) unannounced augmentation drill. The NCR stated that only 25% of the appropriate augmentation plant staff arrived on site during the required time periods.

As a result of the drill on August 26, 1988, the "Augmentation Drill Action Items" list was developed. The close out of this NCR and the associated identified action items were identified as an Inspector Followup Item (IFI).

IFI (50-261/88-22-01): Ensure a timely closeout of NCR 88/109 and conduct periodic unannounced off hour drills to demonstrate timely response of augmentation personnel.

The inspector witnessed from the Control Room, an unannounced off hours Fire Drill. The drill began at approximately 6 a.m. on August 30, 1988, and involved a call to the Unit 2 Control Room reporting a fire on and around "B" Component Cooling Water Pump. Observations of Control Room personnel indicated a satisfactory use of the Fire Procedure, Emergency Plan, Public Address System, and Radio Communications between the Control Room and responding personnel. The fire was declared out in about 10 minutes and prior to an Emergency Plan requirement for classification. No problems were observed in the Control Room during the drill.

An inspector from the Plant Systems Section observed the Fire Team response. Results of his inspection are addressed in Inspection Report No. 50-261/88-25.

The inspector reviewed the documentation dated January 20, 1988, detailing the review of the Emergency Plan and Emergency Action Levels with the following offsite agencies:

- ° Chesterfield County Emergency Preparedness Agency
- ° Darlington County Emergency Preparedness Agency
- ° Lee County Disaster Preparedness Agency
- ° South Carolina Emergency Preparedness Division

The review appeared detailed and adequate, no problems were found.

The inspector reviewed selected training records for the Site Emergency Coordinator, Accident Assessment Team Leader and Radiological Control Director. Lesson Plans, exams, and exam grades were reviewed. No problems were found.

No violations or deviations were identified.

7. Independent 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.

Records of the emergency preparedness audit were reviewed.

An independent audit was conducted by the licensee's Quality Assurance Department from June 20 - July 1, 1988. The audit report dated July 22, 1988, titled "Quality Assurance of Robinson Nuclear Project Operation Program: (CQAD 88-1312 File QAA/0020-88-04)," assessed the adequacy and effectiveness of the emergency preparedness program. The report identified one finding and one concern. The finding identified in the audit report was being tracked for response and closeout. The inspector reviewed the E.P. Tracking System Open Items list and noted that items identified during the Annual Exercise and Dress Rehearsal Drill were being tracked for close out.

No violations or deviations were identified.

8. Exit Interview

The inspection scope and results were summarized on September 2, 1988, with those persons indicated in Paragraph 1. The inspector described the areas inspected and discussed in detail the inspection results listed below. Although reviewed during this inspection, proprietary information is not contained in this report. Dissenting comments were not received from the licensee.

Item Number

Description and Reference

50-261/88-22-01

Inspector Followup Item - Ensure a timely closeout of NCR 88/109 and conduct periodic unannounced off hours drills to demonstrate timely response of augmentation personnel, Paragraph 6.