



UNITED STATES
NUCLEAR REGULATORY COMMISSION
REGION II
101 MARIETTA ST., N.W., SUITE 3100
ATLANTA, GEORGIA 30303

Report No. 50-261/79-26

Licensee: Carolina Power and Light Company
411 Fayetteville Street
Raleigh, North Carolina 27602

Facility Name: Robinson 2

Docket No. 50-261

License No. DPR-23

Inspection at H. B. Robinson site near Hartsville, South Carolina

Inspector: T. C. MacArthur 12/10/79
T. C. MacArthur Date Signed

Approved by: G. R. Jenkins 12/10/79
G. R. Jenkins, Acting Section Chief, FFMS Branch Date Signed

SUMMARY

Inspection on November 13-16, 1979

Areas Inspected

This routine, unannounced inspection involved 22 inspector-hours onsite in the areas of radiological environmental monitoring program including: management controls, inspection of environmental monitoring stations, review of licensee audit results, review of annual environmental report, review of radiological environmental monitoring procedures, and implementation of the monitoring program.

Results

Of the six areas inspected, no apparent items of noncompliance or deviations were identified.

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DETAILS

1. Persons Contacted

Licensee Employees

- *R. B. Starkey, General Manager
- *S. R. Zimmerman, T&A Manager
- *D. S. Crocker, E&RC Supervisor
- *J. A. Eaddy, Senior Generation Specialist
- *B. W. Garrison, QA Supervisor
- E. C. Parrott, RC&T Technician II
- H. W. McManus, RC&T Technician II

Other licensee employees contacted included two technicians.

*Attended exit interview.

2. Exit Interview

The inspection scope and findings were summarized on November 16, 1979 with those persons indicated in Paragraph 1 above.

3. Licensee Action on Previous Inspection Findings

(Closed) Unresolved Item (78-20-01) Operability of Sample Station not checked at time of sample collection. During this inspection, the inspector observed that an additional test unit had been installed at the air monitoring stations. The operability of these units was tested and no discrepancies were found.

4. Unresolved Items

Unresolved items were not identified during this inspection.

5. Management Controls

- a. The licensee's Operating Manual and Administrative Instruction assigns responsibility and authority for conducting the radiological environmental program. The assignment of responsibility and authority to responsible management and supervision offer control equivalent to the previous program.
- b. Section 6.5.3.1 of the licensee's Technical Specifications requires audits under the cognizance of the Corporate Quality Assurance Audit (CQAA) Section for conformance of facility operation to all provisions in the Technical Specifications at least once per year. At the time of this inspection, the most recent audit results were not available for review. This item will be reviewed during a subsequent inspection.

6. Quality Control of Analytical Measurements

The analysis of all radiological environmental monitoring samples from Robinson 2 are performed at the licensee's Harris Energy and Environmental Center (HEEC). An analytical quality control program has been established at HEEC. The program applies to sampling, analysis, data reduction and all procedures related thereto. The program also includes periodic sample splitting between EPA, State of South Carolina, and Robinson 2 plant, and subsequent correlation and evaluation of analytical data generated therefrom. The analytical quality control requirements appear to assure validity of MDAs presented in the licensee's 1978 Monthly Report and Annual Report reviewed by the inspector.

7. Implementation of the Environmental Monitoring Program

- a. Technical Specification 4.10-1, Table 4.10-1, provides the requirements for type and number of samples, sampling frequency and analysis to be performed. The inspector inspected all (7) of the air particulate, charcoal filter monitoring, and TLD stations (22). The inspection of monitoring stations and review of the Annual Radiological Environmental Monitoring Report for 1978 revealed that the licensee apparently conducted the program as required by Technical Specification 4.10-1. The inspector observed that at air monitoring station 35, the elapsed time indicator failed 0.6 hours after the sampling period started. Later in the day, a technician attempted to repair the meter without success. A trouble ticket was written but by the close of the inspection, no action had been taken. The inspector interviewed several people who concurred that a small inventory of spare parts and tools could be provided the technicians to make timely replacement repairs. At air monitoring station AP-2, the inspector observed that the air particulate filter was not sufficiently shielded from rain. A trouble ticket was written to extend the weather shield.
- b. The inspection disclosed that the licensee had submitted all reports to the NRC as required. The inspector reviewed the licensee's Annual Report for 1978 for missing dates, obvious mistakes, anomalous measurements and observed biases or trends in the data. The inspector found a marked improvement in all these areas over the 1977 report. The inspector had no further questions in this area.