



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

Report No. 50-327/79-33 and 50-328/79-18

Licensee: Tennessee Valley Authority
500A Chestnut Street
Chattanooga, Tennessee 37401

Facility Name: Sequoyah Units 1 and 2

License Nos. CPPR-72 and CPPR-73

Inspection near Chattanooga, Tennessee

Inspected by: *R. E. Trojanowski* *7/1/79*
R. E. Trojanowski Date Signed

Approved by: *J. W. Hufham* *7/3/79*
J. W. Hufham, Section Chief, FFMS Branch Date Signed

SUMMARY

Inspection on June 14, 1979

Areas Inspected

This routine, announced inspection involved 5 inspector hours onsite in the areas of emergency tests and drills

Results

Of the one area inspected, no apparent items of noncompliance or deviations were identified.

300212

7909040032

DETAILS

1. Persons Contacted

Licensee Employees

- *J. M. Ballentine, Plant Superintendent
- *R. J. Kitts, Health Physics Supervisor
- W. E. Andrews, QA Supervisor

Other licensee employees contacted included one operator.

2. Exit Interview

The inspection scope and findings were summarized on June 14, 1979, with those persons indicated in Paragraph 1 above.

3. Licensee Action on Previous Inspection Findings

Not inspected.

4. Unresolved Items

Unresolved items were not identified during this inspection.

5. Emergency Tests and Drills

- a. Appendix E to 10 CFR 50, paragraph IV.I. specifies that the emergency plan shall contain provisions for testing, by periodic drills, of radiation emergency plans to assure that employees of the licensee are familiar with their specific duties, and provisions for participation in the drills by other persons whose assistance may be needed in the event of a radiation emergency. Section XI.B of the SNP Site REP specifies that Site REP will be activated at least annually to confirm the operability and function of the applicable emergency alarm systems; the adequacy of personnel emergency responses, and, the interfacing with outside agencies.
- b. A simulated radiation emergency was conducted on June 14, 1979, as a result of a postulated fuel handling accident. Consequences of the postulated accident resulted in simulated off-site radioactive releases to the environment and simulated contaminated and injured personnel.

Organizations participating in the simulated radiation emergency consisted of but were not limited to the following:

- (1) Tennessee Valley Authority
- (2) Tennessee Office of Civil Defense and Emergency Preparedness - Nashville, Tennessee

- (3) Hamilton County Civil Defense - Chattanooga, Tennessee
- (4) The Department of Public Health - Nashville, Tennessee
- (5) Erlanger Hospital - Chattanooga, Tennessee
- (6) REAC/TS - Oak Ridge, Tennessee
- (7) Other local support agencies listed in Appendix A. V. of the Site REP

The objective of the simulated radiation emergency was to test the following aspects of the Site REP:

- (1) Actuation of the Site REP
- (2) Sounding the emergency evacuation alarms in order to ensure the adequacy of assembling and accountability of personnel.
- (3) Actuation of the Nashville and Chattanooga Emergency Operations Centers.
- (4) Adequacy of the communications systems among the State Radiological Health, Civil Defense Operations Centers, and the TVA Operations Centers.
- (5) Adequacy of the emergency medical treatment facilities at the Sequoyah Site and at Erlanger Hospital.

An NRC inspector was situated in the control room of the Sequoyah Nuclear Plant and observed the emergency response actions of the Emergency Director and his staff during the simulated radiation emergency. These observations confirmed that the exercise objectives as noted above were adequately fulfilled.

- c. There were no items of noncompliance or deviations.