



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

Report Nos. 50-390/79-44 and 50-391/79-37

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

Facility Name: Watts Bar Nuclear Plant

Docket Nos. 50-390 and 50-391

License Nos. CPPR-91 and CPPR-92

Inspection at Chattanooga and Spring City, Tennessee

Inspector: A. L. Cunningham 12/7/79  
A. L. Cunningham Date Signed

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

SUMMARY

Inspection on November 19-20, 1979

Areas Inspected

This routine, announced inspection involved 15 inspector-hours onsite in the areas of verification of status of preoperational nonradiological monitoring and surveillance programs, review of site environmental protection procedures, review of environmental protection program status, and plant site inspection.

Results

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

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## DETAILS

### 1. Persons Contacted

#### Licensee Employees

H. C. Richardson, Acting Project Manager  
J. G. Shields, Assistant Construction Engineer  
\*C. Mills, Environmental Engineer  
\*M. L. Hellums, Environmental Engineer  
\*R. H. Shell, Supervisor, Environmental Planning Section, Regulatory Staff

\*Attended exit interview

### 2. Exit Interview

The inspection scope and findings were summarized on November 20, 1979 with those persons indicated in Paragraph 1 above.

### 3. Licensee Action on Previous Inspection Findings

There were no previous inspection findings.

### 4. Unresolved Items

Unresolved items were not identified during this inspection.

### 5. Nonradiological Preoperational Monitoring and Surveillance Program

The inspector reviewed the baseline or nonradiological preoperational monitoring and surveillance program. Inspection disclosed that all licensee nonradiological preoperational program conditions and commitments (including onsite and offsite terrestrial, aquatic physicochemical, aquatic biological, on site meteorological surveillance and measurements) for Units 1 and 2 were completed as required.

### 6. Environmental Control Program

The inspector discussed the status of the environmental control program with licensee representatives. Elements of the program selected for status review included air quality, solid waste disposal, management and storage of hazardous materials, site erosion and runoff control. The inspector also reviewed detailed written procedures developed by the licensee to provide guidelines for evaluating and controlling the environmental effects of remaining construction activities and to specify methods employed in implementing the environmental protection requirements. Inspection disclosed that administrative and management controls employed by the licensee appeared to meet accepted industry practice.

7. Site Inspection

The inspector conducted a detailed site inspection to verify implementation of the licensee's environmental control program. Items inspected included the following: (1) erosion and runoff control, (2) management of soil storage and borrow areas, (3) storage and management of hazardous materials; (4) concrete mixing plant; (5) construction settling pond; (6) air quality control; and (7) chemical treatment pond, alum sludge and permanent site settlement pond. Inspection disclosed that all of the above environmental control items and systems were implemented and maintained as defined in their respective procedures.