



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

Report No. 50-395/82-47

Licensee: South Carolina Electric and Gas Company  
Columbia, SC 29218

Facility Name: Summer

Docket No. 50-395

License No. NPF-12

Inspection at the Summer plant site near Jenkinsville, S.C.

Inspector: P. T. Burnett

P. T. Burnett

2 Sept 82  
Date Signed

Approved by: Frank Jape

F. Jape, Section Chief  
Engineering Inspection Branch  
Division of Engineering and Technical Programs

9/2/82  
Date Signed

SUMMARY

Inspection on August 6, 7, 12, and 13, 1982

Areas Inspected

This routine, unannounced inspection involved twenty-three inspector-hours on site in the area of initial fuel loading.

Results

No violations or deviations were identified.

## REPORT DETAILS

### 1. Persons Contacted

#### Licensee Employees

W. A. Williams, Jr., General Manager Nuclear Operations  
O. S. Bradham, Station Manager  
\*J. G. Connelly, Deputy Plant Manager  
\*B. G. Croley, Assistant Manager, Technical Support  
L. F. Storz, Assistant Manager, Operations  
S. F. Fipps, Station Reactor Engineer  
K. W. Woodward, Operations Supervisor  
G. Taylor, Reactor Engineer  
\*H. C. Fields, Technical Services Engineer  
\*A. R. Koon, Technical Services Coordinator  
\*A. B. Harrison, Nuclear Licensing  
T. Black, Training Department

Other licensee employees contacted included three shift supervisors, seven operators, two security force members, and three office personnel.

#### NRC Resident Inspector

\*J. L. Skolds, Senior Resident Inspector

\*Attended exit interview

### 2. Exit Interview

The inspection scope and findings were summarized on August 13, 1982, with those persons indicated in paragraph 1 above. The licensee accepted the findings without comment.

### 3. Licensee Action on Previous Enforcement Matters

Not inspected.

### 4. Unresolved Items

Unresolved items were not identified during this inspection.

### 5. Initial Fuel Loading Activities (72524)

Prior to the start of fuel loading, the inspector reviewed the technical specifications to identify the equipment required to be operable for initial fuel loading and confirmed that a surveillance test procedure (STP) had been written to test each item of equipment.

The containment building was inspected and all areas exhibited a freshly painted or freshly-cleaned condition. It was noted that some of the vertical screens for the safeguards sumps were not installed. That observation was reported to management during the exit interview.

The activities of fuel-handling crews practicing with a dummy fuel assembly were observed and an up-to-date calibration of the Dillon load cell on the fuel bridge confirmed.

The makeup of the two fuel-handling crews was discussed with the operations supervisor to assure that staffing would conform to IE Circular 80-21.

After fuel handling began, the activities of both fuel handling crews were witnessed in containment, in the spent fuel pool area, and in the control room. The fuel handling procedure in use, the test engineer's log, and the periodic statistical analyses (chi-squared tests) of the pulse counting instruments were reviewed.

No violations or deviations were identified.

6. Followup on Inspector Identified Items (92701)

(Closed) Open Item (50-395/81-30-02): Fueling crew staffing and conformance to IE Circular 80-21. From discussions with the operating supervisor and observation of the two refueling crews the requirements of the circular have been satisfied.

(Closed) Open Item (50-395/81-30-03): Identification of acceptance fuel handling bridge gripper release elevations. The Z-tape has been marked to clearly show the elevations.