



UNITED STATES  
NUCLEAR REGULATORY COMMISSION  
REGION II  
101 MARIETTA ST., N.W., SUITE 3100  
ATLANTA, GEORGIA 30303  
MAY - 2 1980

Report No. 50-395/80-10

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

Facility Name: Summer 1

Docket No. 50-395

License No. CPPR-94

Inspection at Summer site near Columbia, South Carolina

Inspector: *T. E. Burdette* 5/2/80  
T. E. Burdette Date Signed

Approved by: *F. S. Cantrell* 5/2/80  
F. S. Cantrell, Section Chief, RCES Branch Date Signed

SUMMARY

Inspection on April 14-17, 1980

Areas Inspected

This routine, unannounced inspection involved 24 inspector-hours on site in the areas of 10 CFR 50.55(e) items, IE Bulletins, IE Circulars, and SCE&G audit program, and construction activities.

Results

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

8006160 219

## DETAILS

### 1. Persons Contacted

#### Licensee Employees

- \*J. F. Algar, Site Manager
- \*D. Nauman, Group Manager QA&S
- \*D. R. Moore, QA Manager
- \*O. S. Bradham, Station Manager Operations
- \*A. A. Smith, Site QA Coordinator
- \*H. Radin, Senior Engineer

Other licensee employees contacted included construction craftsmen, and office personnel.

#### Other Organizations

- \*C. C. Wagoner, Daniel Construction Company
- \*W. West, Daniel Construction Company

#### NRC Resident Inspector

- \*J. L. Skolds

\*Attended exit interview

### 2. Exit Interview

The inspection scope and findings were summarized on April 17, 1980 with those persons indicated in Paragraph 1 above.

### 3. Licensee Action on Previous Inspection Findings

Not inspected.

### 4. Unresolved Items

Unresolved items are matters about which more information is required to determine whether they are acceptable or may involve noncompliance or deviations. New unresolved items identified during this inspection are discussed in paragraph 5.

### 5. Independent Inspection

- a. The inspector conducted a walk-through inspection of the reactor, auxiliary, and intermediate buildings; observed construction activities, construction progress, and work practices; and talked to various craft and inspection personnel. The inspector performed an inspection of several deficient spool piece installations identified on Daniel

Nonconformance Notice No. 1459. 3000 lb. fittings were installed in lieu of 6000 lb. fittings. This problem has been identified to Region II as a 10 CFR 50.55(e) reportable item (see paragraph 6.d).

- b. The inspector reviewed the SCE&G audit program for performance of internal and external audits. The controlling procedures for performance of internal and external audits are QAP 19 and QAP 20 in the SCE&G Quality Assurance Manual. The inspector also reviewed QAP 2, QAP 18, QAP 21 and QAP 23 for additional requirements relative to the SCE&G audit program. The inspector held discussions with the SCE&G QA Manager relative to the minimum requirements established for auditor qualification. Specifically, discussions were held regarding QAP 2, Administrative Procedure No. 1, and requirements for auditor qualification. The inspector stated that SCE&G procedures were not clear as to the minimum education, training, and experience necessary for qualifying individuals as auditors. Furthermore, the inspector had difficulty in determining from licensee records the actual dates of auditor qualification/certification for QA personnel. The inspector subsequently requested a list of auditor qualification/certification dates from the licensee. Pending further clarification on auditor qualification requirements, this area is identified as an unresolved item no. 395/80-10-06, requirements for qualification/certification as auditor.

In reviewing the audit schedule for internal and external audits, the inspector held discussions with the SCE&G QA Manager on substitution of surveillances for an audit. QAP 18 permits substitution of surveillances for an audit and requires notation on the quarterly schedule. The inspector reviewed the April, May, and June 1980 quarterly audit schedule in order to determine if "substitutions" had been accomplished. The inspector expressed concern to the SCE&G QA Manager that the quarterly schedule failed to clearly explain that a "substitution" of surveillance for an audit had been made. Furthermore, the inspector pointed out that certain procedural requirements of an audit are not satisfied when surveillances are substituted i.e., auditor qualification and reporting requirements. On April 17, 1980 the Group Manager QA and Security provided the inspector prior to the exit meeting, a copy of SCE&G actions relative to surveillance/audit areas. Pending review of SCE&G actions and further discussion on audit/surveillance substitutions this area is identified as unresolved item 395/80-10-07, substitution of surveillances as an audit.

No items of noncompliances or deviations were identified in this area of inspection.

6. Licensee Identified Items (50-55(e))

- a. (Open) Item 395/80-10-01: Faulty Rosemont pressure transmitters. On March 25, 1980, the licensee reported that Rosemont had reported to

SCE&G a potential problem with Rosemont pressure transmitters. Transmitter units are subject to false readings when signals are outside a 4-20 milliamp range. This item will remain open pending receipt of the licensee's final report and review by Region II.

- b. (Open) Item 395/80-10-02: Deficient motors for service water booster pumps A&B. On March 31, 1980, the licensee reported improper operation of service water booster pump motors due to improperly installed stator spacer bars. Motors were supplied by Lewis Allis. This item will remain open pending receipt of the licensee's final report and review by Region II.
- c. (Open) Item 395/80-10-03: Deficient instrument tubing hanger welds. On March 20, 1980, the licensee reported deficient instrument tubing hanger welds. The licensee is reinspecting previously accepted hanger welds. This item will remain open pending receipt of the licensee's final report and review by Region II.
- d. (Open) Item 395/80-10-04: Deficient socket weld fitting installations. On March 19, 1980, the licensee reported that 3000 lb. fittings were incorrectly installed in 6000 lb. fitting applications. The fittings were installed in spool pieces provided by Southwest Fabricating and Welding Co. Deficient fitting installations are documented on Nonconformance Notice Nos. 1375, 1459, and 1540. This item will remain open pending receipt of the licensee's final report and review by Region II.
- e. (Open) Item 395/80-10-05: Potential stress corrosion cracking of control rod guide support pins. On March 14, 1980, the licensee reported that a potential problem exists if stress corrosion cracking occurs in support pins for control rod guides. This potential problem was reported to SCE&G by Westinghouse. The licensee has reported this problem under 10 CFR 50.35(e) and evaluated the problem as a reportable substantial safety hazard under 10 CFR part 21.

On March 27, 1980, the licensee reported in a letter to Region II that a final report will be issued when the results of the Westinghouse materials test program are available. This item will remain open.

7. Status of Inspection and Enforcement Bulletins (IEB's)

- a. (Open) IEB 79-13, Rev. 2: Cracking in feedwater system piping. On March 12, 1980, the licensee issued a letter in response to IEB 79-13. This item will remain open pending further review by Region II.
- b. (Closed) IEB 80-03: Loss of charcoal from standard type II, 2 inch tray adsorber cells. On March 11, 1980, the licensee issued a letter in response to IEB 80-03. The licensee reported that inspections of each filter plenum cell revealed no indication that loss of charcoal could occur during handling, storage or in service. This item is closed.

8. Status of Inspection and Enforcement Circulars (IEC's)

The licensee has received, reviewed, evaluated, and is taking necessary action on information in the following circulars.

- a. IEC 80-03: Protection from toxic gas hazards.
- b. IEC 80-05: Emergency diesel - generator lubricating oil addition and onsite supply.
- c. IEC 80-07: Problems with HPCI turbine oil system.

The inspector discussed the above circulars with the licensee.