



UNITED STATES  
NUCLEAR REGULATORY COMMISSION  
REGION II  
101 MARIETTA STREET, N.W.  
ATLANTA, GEORGIA 30323

Report No.: 50-395/85-04

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

Docket No.: 50-395

License No.: NPF-12

Facility Name: Summer

Inspection Conducted: January 21-25, 1985

Inspectors: <u>H. Christensen</u>	<u>2/19/85</u>
H. Christensen	Date Signed
<u>P. Wagner</u>	<u>2/15/85</u>
P. Wagner	Date Signed
Approved by: <u>C. Julian</u>	<u>2/20/85</u>
C. Julian, Section Chief	Date Signed
Operations Branch	
Division of Reactor Safety	

SUMMARY

Scope: This routine, announced inspection involved 66 inspector-hours on site in the area of corrective maintenance, preventive maintenance, equipment control, special processes, and housekeeping controls.

Of the five areas inspected, no violations or deviations were identified in four areas; one violation was found in one area (Failure of the Swing Shift Duty Shift Supervisor to review the Category "R2" test status charts, paragraph 5).

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## REPORT DETAILS

### 1. Licensee Employees Contacted

- \*O. Bradham, Director, Nuclear Plant Operations
- \*M. Browne, Manager, Technical Support
- \*R. Campbell, ISEG Engineer
- \*J. Connelly, Deputy Director Operations and Maintenance
- \*B. Croley, Group Manager Technical and Support Services
- \*J. Derrick, Assoc. Manager Maintenance Engineers
- \*O. Dixon, Vice President Nuclear Operations
- \*R. Fowlkes, Regulatory Compliance
- \*M. Garrett, QA Supervisor
- \*M. Irwin, Nuclear Licensing Specialist
- \*A. Koon, Assoc. Manager Regulatory Compliance
- \*F. McKinnon, Assoc. Manager Station Quality Control
- \*A. Paglia, Manager Nuclear Licensing
- \*J. Parks, Regulatory Support Supervisor
- \*G. Putt, Manager Scheduling and Materials
- \*J. Sefick, Assoc. Manager, Station Security
- \*G. Sault, Assoc. Manager, Maintenance

Other licensee employees contacted included 6 technicians, 4 operators, 2 mechanics, 2 security force members, and 3 office personnel.

\*Attended exit interview

### 2. Exit Interview

The inspection scope and findings were summarized on January 25, 1985, with those persons indicated in paragraph 1 above. The licensee was informed of the inspection findings listed below. The licensee acknowledged the inspection findings with no dissenting comments.

Violation, 395/85-04-02, Failure to follow procedures, paragraph 5.

Inspector Followup Item, 395/85-04-01, standing ground water, paragraph 5.

The licensee did not identify as proprietary any of the materials provided to or reviewed by the inspectors during this inspection.

### 3. Licensee Action on Previous Enforcement Matters

This subject was not addressed in the inspection.

### 4. Unresolved Items

Unresolved items were not identified during this inspection.

## 5. Maintenance Program (62702)

- References:
- (a) SAP-134: Control of Station Surveillance Test Activities, Revision 2, dated June 4, 1984.
  - (b) SAP-142: Station Housekeeping Control, Revision 3, dated April 18, 1984.
  - (c) SAP-601: Application, Scheduling and Handling of Maintenance Activities, Revision 1, dated October 25, 1984.
  - (d) SAP-301: Implementation of Maintenance Work Requests, Preventative Maintenance and Surveillance Test Task Sheets and Shop Work Orders, Revision 1, dated June 25, 1984.
  - (e) SAP-103: Statement of Responsibilities, Maintenance Services, Revision 1, dated January 11, 1984.
  - (f) SAP-205: Status Control and Removal and Restoration, Revision 2, dated September 10, 1984.
  - (g) SAP-300: Conduct of Maintenance Activities, Revision 1, dated September 13, 1983.
  - (h) SAP-605: Application of Champs, Revision 0, dated February 27, 1984.
  - (i) SAP-143: Lubrication and Preventive Maintenance Program, Revision 2, dated September 12, 1984.
  - (j) SAP-141: Control and Calibration of Measuring and Test Equipment, Revision 2, dated December 29, 1983.
  - (k) MEP 102, Engineering Review of Maintenance Work Requests, Revision 0, dated September 25, 1984.
  - (l) Maintenance Special Instruction No. 6.
  - (m) V. C. Summer Technical Specification, Section 6.8, Procedures and Programs.
  - (n) FSAR, Sections 13.5.3 and 17.2.2.7, Maintenance and Modification.

The inspectors conducted a review of the above references to ascertain that the licensee has implemented a maintenance program that is in conformance with Technical Specifications, regulatory requirements, commitments and industry guides or standards. The inspectors also reviewed selected

Maintenance Work Requests (MWR), Preventive Maintenance Task Sheets, conducted interviews with various maintenance personnel, observed selected surveillances and MWR's in progress, and conducted tours of the plant to evaluate housekeeping practices.

- a. The following aspects of the maintenance program were verified:
  - Written procedures were established for initiating requests for routine and emergency maintenance.
  - Criteria and responsibilities for designating the activity as safety versus non-safety related were established.
  - Criteria and responsibilities were designated for performing work inspections of maintenance activities.
  - Administrative controls for special processes were established.
  - Methods and responsibilities for equipment control were clearly defined and established.
  - Administrative controls and responsibilities for general house-keeping were established.
  
- b. During a tour of the plant, the inspectors observed two housekeeping discrepancies which consisted of standing ground water. The first discrepancy involved standing water located on the 374 level of the Auxiliary Building near door AB-101. The ground water at that location was approaching a radioactive material storage area. The second area of standing water was observed on level 412 in the Intermediate Building. The inspectors were informed by the licensee that a modification request form (MRF-20191) was submitted to try and fix the ground water problem. The standing ground water will remain an inspector followup item (IFI 395/85-04-01).
  
- c. The inspectors conducted a review of the control room logs. One log, the Category "R2" test status chart, was lacking the following information:
  - (1) The swing shift duty shift supervisor's initials for the period January 2-11, 1985.
  - (2) The entry of various performance and due times of surveillance test activities in the appropriate block of the "R2" test status chart.

V. C. Summer Technical Specification, Section 6.8.1.c. states that written procedures shall be established, implemented and maintained covering the activities of surveillance and test activities of safety-related equipment.

Station Administration Procedure, SAP-134, Control of Station Surveillance Test Activities, Revision 2, states in part; (1) that the shift supervisor/control room supervisor shall upon receipt of each category "R2" test enter the time of test completion in the "Perf." (performed) block corresponding to the date of completion and the applicable surveillance test procedure (STP) and indicate the next time due in the "Due" block corresponding to the next due date and applicable STP; (2) Each control room supervisor and swing shift duty shift supervisor shall review the category "R2" test status chart and initial the chart in the block corresponding to the appropriate shift and date.

Contrary to the above, the "R2" test status chart was not maintained as required. The licensee was informed that failure to follow procedure for the "R2" test status chart is a violation of technical specification 6.8.1.c. (VIO 395/85-04-02).