



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

Report No. 50-395/80-17

Licensee: South Carolina Electric & Gas Company
Columbia, SC

Facility Name: Virgil C. Summer

Docket No. 50-395

License No. CPPR-94

Inspection at Virgil C. Summer site near Columbia, South Carolina

Inspector: E. H. Girard 7/17/80
E. H. Girard Date Signed

Approved by: A. R. Herdt 7/17/80
A. R. Herdt, Section Chief, RCES Branch Date Signed

SUMMARY

Inspection on June 24-27, 1980

Areas Inspected

This routine, unannounced inspection involved 28 inspector-hours on site in the areas of licensee action on previous inspection findings, licensee identified items (50.55(e)), and preservice inspection program.

Results

No items of noncompliance or deviations were identified.

DETAILS

1. Persons Contacted

Licensee Employees

- *J. F. Algar, Site Manager
- *D. R. Moore, QA Manager
- *A. A. Smith, Site QA Coordinator
- J. Turkett, Maintenance Engineer
- T. A. McAlister, QA Surveillance Specialist
- E. Lynch, Mechanical QC Inspector

NRC Resident Inspector

- *J. L. Skolds

*Attended exit interview

2. Exit Interview

The inspection scope and findings were summarized on June 27, 1980, with those persons indicated in Paragraph 1 above.

3. Licensee Action on Previous Inspection Findings

- a. (Open) Infraction (395/79-35-02): Undersize socket welds.

The inspector questioned the licensee regarding the status of rework being performed in response to this noncompliance. The inspector was informed that about 80% of the rework of deficient socket welds had been completed. The licensee's corrective actions on this item will be examined further by Region II in a subsequent inspection.

- b. (Open) Infraction (395/80-03-01): Adequacy of UT utilized to upgrade Class 2 piping to Class 1.

The inspector questioned the licensee on the status of this piping. The inspector was informed that the licensee was reconsidering the corrective action originally proposed in their response letter to Region II dated March 12, 1980. The licensee's Nonconformance Notice (NCN) 1194 for this item was reviewed by the NRC inspector. This item will be examined further by Region II in a subsequent inspection.

- c. (Closed) Infraction (395/79-34-01): Inadequate inspection of Hanger CSH-019.

South Carolina Electric & Gas Company's letter of response dated March 21, 1980 has been reviewed and determined acceptable by Region II. The NRC inspector discussed the item with the licensee's QA Manager and other cognizant licensee QA and QC personnel, and has examined the corrective actions as stated in the letter of response. The inspector concluded that SCE&G had determined the full extent of the subject noncompliance, performed the necessary survey and followup actions to correct the conditions and developed the necessary corrective actions to preclude recurrence of similar circumstances. The corrective actions identified in the letter of response have been implemented.

- d. (Open) Unresolved item (395/79-35-10): Improperly repaired SW line piping.

The inspector questioned the licensee regarding this item and was informed that they had decided to examine portions of this pipe. The pipe is to be partially uncovered for installation of cathodic protection (to inhibit corrosion) and will be examined at that time. This item will be examined further by Region II in a subsequent inspection.

- e. (Open) Unresolved item (395/80-10-06): Requirements for qualification/certification as auditor.

The licensee informed the inspector that Quality Assurance Procedures (QAP) 2 and 18 through 23 which provide audit and auditor qualification requirements have been revised. The NRC inspector informed the licensee that the as yet unreleased procedures would be reviewed by Region II in a subsequent inspection.

- f. (Open) Unresolved item (395/80-10-07): Substitution of surveillance as an audit.

As for item 395/80-10-06, the licensee informed the NRC inspector that the applicable procedures had been revised and were expected to satisfy the concerns previously expressed by Region II. The inspector informed the licensee that the procedures would be reviewed by Region II in a subsequent inspection.

4. Unresolved Items

Unresolved items were not identified during this inspection.

5. Licensee Identified Items (50.55(e))

- a. (Open) Item 395/80-05-07: Inadequate drawings for pipe branch connections.

On March 21, 1980, the licensee provided Region II with the final report on this item. The inspector reviewed licensee nonconformance Notice (NCN) 1369 which documents the condition found. The licensee's action on NCN 1369 has not been completed. This item will remain open pending further discussions with the licensee and final review by Region II of the licensee's corrective actions.

- b. (Open) Item 395/80-05-06: Deficient Class 3 pipe butt and attachment welds.

On March 21, 1980, the licensee provided Region II with the final report on this item. The inspector reviewed the following licensee NCN's which document the deficient conditions:

NCN	NCN Status	Weld Type
1321	Open	Attachment
1322R2	Open	Attachment
1323R1	Closed	Attachment
1324	Closed	Attachment
1325R1	Closed	Attachment
1379	Open	Attachment
1327	Open	Butt

This item will remain open pending further discussions with the licensee and final review by Region II of the licensee's corrective actions.

6. Preservice Inspection - Review of Program

The inspector reviewed the licensee's preservice inspection (PSI) program for compliance with NRC requirements and FSAR commitments. Although committed to earlier code requirements in their FSAR the licensee elected to upgrade the PSI program to the 1974 edition summer 1975 addenda of Section XI of the ASME B&PV code. The review performed by the inspector specially addressed the following areas:

- a. Program approval
- b. Audits
- c. Inspection procedures established
- d. Control of processes
- e. Corrective action
- f. Examination control and control of examination equipment
- g. Document review and control
- h. Quality records
- i. Scope of preservice inspections, particularly the following:
 - (1) Description of areas to be examined in accordance with ASME Section XI, Articles IWB-2000 and IWC-2000.
 - (2) Examination category for each area
 - (3) Method of inspection for each area
 - (4) Extent of examination for each area
- j. Qualification of personnel

Licensee documents reviewed by the inspector relative to the above areas included both those which specifically addressed PSI and those which provide general requirements for control of work and quality

assurance (QA) activities (e.g. in regard to corrective action, records and document control). The documents reviewed were as follows:

- PSI Program Documents

- (1) SCE&G Procedure AP-14 R1 (5/1/80)
- (2) Westinghouse Nuclear Services Division (NSD) Preservice Examination Program for Virgil C. Summer Unit No. 1 (6/12/79)

- Documents for General Control of Work and QA Activities

- (1) SCE&G Administrative Procedures AP-002 R0, AP-101 R7, AP-102 R0, AP-209 R2 AP-301 1 R4, AP-301.2 R4, AP-1200 R2, and AP-1202 R1.
- (2) SCE&G Operational Quality Assurance Plan Rev. 2
- (3) SCE&G Quality Assurance Procedures QAP-7, R0, QAP-11 R0, QAP-14 R0, QAP-15 R0, QAP-16 R2, and QAP-17 R0.

Many of the PSI program activities were contracted to Westinghouse NSD. This contractor's detailed procedures in the areas of audits, corrective action, records, qualification of personnel and document review and control were not available at the site and were not reviewed. The inspector examined the licensee's audit of the contractor (dated January 1979) which indicated no adverse findings pertaining to the PSI program work.

The inspector found that the licensee's requirement documents in the area of audits (QAP-2 and 18 through 23) had been revised (but not reissued) in response to NRC Region II's unresolved items 395/80-10-06 and -07 (see Paragraphs 3.e and 3.f above). This area will be examined further in a subsequent inspection.

Within the areas reviewed no items of noncompliance or deviations were identified.