



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

Report No.: 50-424/86-02

Licensee: Georgia Power Company
P. O. Box 4545
Atlanta, GA 30302

Docket No.: 50-424

License No.: CPPR-108

Facility Name: Vogtle Unit 1

Inspection Conducted: January 6-10, 1986

Inspector: R. M. Latta 2-5-86
R. M. Latta Date Signed

Approved by: G. A. Belisle 2/5/86
G. A. Belisle, Acting Section Chief Date Signed
Division of Reactor Safety

SUMMARY

Scope: This routine, announced inspection involved 38 inspector-hours on site in the areas of Operations Organization and Administration, Module 5, Readiness Review.

Results: No violations or deviations were identified.

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REPORT DETAILS

1. Persons Contacted

Licensee Employees

- *C. Belflower, Quality Assurance (QA) Site Manager (Operations)
- *J. Draggs, Readiness Review QA
- *W. Grabbard, Regulatory Specialist
- *R. Odom, Plant Engineering Supervisor
- *W. Ramsey, Readiness Review Program Manager
- *S. Spencer, Commitment Tracking Coordinator
- *G. Trudeau, Readiness Review Administrative Manager
- *H. Varnadoe, Module 5 Team Leader
- *H. Walker, Operations Discipline Manager

Other licensee employees contacted included engineers, technicians, and office personnel.

NRC Resident Inspector

- *J. Rogge, Senior Resident Inspector

*Attended exit interview

2. Exit Interview

The inspection scope and findings were summarized on January 10, 1986, with those persons indicated in paragraph 1 above. The inspector described the areas inspected and discussed in detail the inspection results. No dissenting comments were received from the licensee. The licensee did not identify as proprietary any of the materials provided to or reviewed by the inspector during this inspection.

3. Licensee Action on Previous Enforcement Matters

This subject was not addressed in the inspection.

4. Operations Organization and Administration, Module 5, Readiness Review

This inspection was performed to determine the adequacy of changes that were submitted to Module 5, Revision 1, dated November 1, 1985.

a. Section 3.5 Implementation Matrix

In order to determine whether the Vogtle Nuclear Operations organization and administration activities had been implemented in compliance with the Final Safety Analysis Report (FSAR), the inspector selected the following sample of reverified commitments from the Module 5 implementation matrix:

<u>Source Document</u>	<u>Section</u>	<u>Implementing Document</u>
ANSI N45.2.4-1972	8.0	00100-C, Revision 1
ANSI N18.7-1976	3.0	VEGP QA Manual, Revision 7 10003-C, Revision 0
ANSI N18.7-1976	4.0	VEGP QA Manual, Revision 7 00002-C, Revision 2 QA-05-01, Revision 12
ANSI N18.7-1976	5.0	VEGP QA Manual, Revision 7 00050-C, Revision 2
ANSI N45.2.1-1973	1.3	00204-C, Revision 0
ANSI N45.2.1-1973	2.1	00204-C, Revision 0 00350-C, Revision 0
ANSI N45.2.1-1973	2.2	00204-C, Revision 0 00350-C, Revision 0
ANSI N45.2.1-1973	2.3	00204-C, Revision 0
ANSI N45.2.1-1973	2.5	00208-C, Revision 0 00204-C, Revision 0
ANSI N45.2.2-1972	2.1	00851-C, Revision 0 00850-C, Revision 2 00203-C, Revision 2
ANSI N45.2.2-1972	2.2	00851-C, Revision 0
ANSI N45.2.2-1972	2.5	00208-C, Revision 0 00203-C, Revision 2 85000-C, Revision 1
ANSI N45.2.2-1972	5.0	00851-C, Revision 0 85307-C, Revision 2 SUM-18, Revision 4 00850-C, Revision 2 00853-C, Revision 2
ANSI N45.2.2-1972	6.0	00851-C, Revision 0 00850-C, Revision 2 00853-C, Revision 2
ANSI N45.2.2-1972	7.0	00851-C, Revision 0 25040-C, Revision 0 25045-C, Revision 0 SUM-18, Revision 4
ANSI N45.2.2-1972	8.0	00851-C, Revision 0 00850-C, Revision 2 00100-C, Revision 1
ANSI N45.2.9-1974	1.3	00100-C, Revision 1 00108-C, Revision 0 00101-C, Revision 1 00103-C, Revision 0

<u>Source Document</u>	<u>Section</u>	<u>Implementing Document</u>
ANSI N45.2.9-1974	2.0	00100-C, Revision 1 00101-C, Revision 1 00103-C, Revision 0 00108-C, Revision 0
ANSI N45.2.9-1974	4.0	00100-C, Revision 1 00108-C, Revision 0 00101-C, Revision 1 00103-C, Revision 0
ANSI N45.2.13-1976	1.2	00851-C, Revision 0 00800-C, Revision 3 00203-C, Revision 2 00850-C, Revision 2 00853-C, Revision 2 Nuclear Procurement Policy Manual, Revision 1
ANSI N45.2.13-1976	3.0	00203-C, Revision 2 00800-C, Revision 3
ANSI N45.2.13-1976	10.0	Nuclear Procurement Policy Manual, Revision 1 00850-C, Revision 2 00203-C, Revision 2 00800-C, Revision 3
ANSI N45.2.13-1976	12.0	Nuclear Procurement Policy Manual, Revision 1 QA-05-01, Revision 12
FSAR	17.2.2	85200-C, Revision 0 85304-C, Revision 0 00202-C, Revision 0 00800-C, Revision 3
FSAR	17.2.2	00051-C, Revision 1 00103-C, Revision 1
FSAR	17.2.2	00051-C, Revision 1 00201-C, Revision 1 00405-C, Revision 0 00050-C, Revision 2 Quality Assurance Manual, Revision 7
FSAR	17.2.2	Project Policy and Procurement Manual, Part C Project Reference Manual, Part B
FSAR	17.2.2	00700-C, Revision 0 QA-01-01, Revision 10
FSAR	17.2.2	00800-C, Revision 3
FSAR	17.2.4	00203-C, Revision 2 00800-C, Revision 3 85302-C, Revision 1 85004-C, Revision 0

<u>Source Document</u>	<u>Section</u>	<u>Implementing Document</u>
FSAR	17.2.4	00203-C, Revision 2 00800-C, Revision 3
FSAR	17.2.4	00203-C, Revision 2 00800-C, Revision 3
FSAR	17.2.4	00203-C, Revision 2 00800-C, Revision 3
FSAR	17.2.5	10002-C, Revision 1 00052-C, Revision 0
FSAR	17.2.5	00051-C, Revision 1 00204-C, Revision 0 00208-C, Revision 0 85100-C, Revision 2 85200-C, Revision 0 10011-C, Revision 3 00052-C, Revision 0
FSAR	17.2.5	00002-C, Revision 2 00051-C, Revision 1
FSAR	17.2.6	00100-C, Revision 1 00108-C, Revision 0 00203-C, Revision 2 00800-C, Revision 3 00850-C, Revision 2
FSAR	17.2.6	00100-C, Revision 1 00103-C, Revision 0 00050-C, Revision 2 00051-C, Revision 1 00052-C, Revision 0 00101-C, Revision 1 00108-C, Revision 1
FSAR	17.2.6	00100-C, Revision 1 00402-C, Revision 0 00103-C, Revision 0
FSAR	17.2.6	00100-C, Revision 1 00108-C, Revision 0 00052-C, Revision 0 00051-C, Revision 1 00050-C, Revision 2 00103-C, Revision 0 00101-C, Revision 1
FSAR	17.2.6	00050-C, Revision 2 00051-C, Revision 1 00101-C, Revision 1 00108-C, Revision 0 00052-C, Revision 0 00053-C, Revision 0 00100-C, Revision 1 00103-C, Revision 0

<u>Source Document</u>	<u>Section</u>	<u>Implementing Document</u>
FSAR	17.2.6	00051-C, Revision 1 00052-C, Revision 0 00100-C, Revision 1 00101-C, Revision 1 00103-C, Revision 0 00108-C, Revision 0 00050-C, Revision 2
FSAR	17.2.7.1	Nuclear Procurement Policy Manual, Revision 1 00203-C, Revision 2 00800-C, Revision 3
FSAR	17.2.7.1	00203-C, Revision 2 00800-C, Revision 3
FSAR	17.2.7.3	00850-C, Revision 2 00203-C, Revision 2 00800-C, Revision 3
FSAR	17.2.7.3	50021-C, Revision 0 00850-C, Revision 2 50020-C, Revision 0 55002-C, Revision 0 00100-C, Revision 2
FSAR	17.2.7.3	00850-C, Revision 2 85307-C, Revision 2 00853-C, Revision 2
FSAR	17.2.8	00850-C, Revision 2 00851-C, Revision 0 85307-C, Revision 2 00853-C, Revision 2
FSAR	17.2.8	00850-C, Revision 2 85307-C, Revision 2 00853-C, Revision 2
FSAR	17.2.9	00204-C, Revision 0 00801-C, Revision 0 00053-C, Revision 0
FSAR	17.2.10	00201-C, Revision 1 85100-C, Revision 2 85301-C, Revision 0 85000-C, Revision 1
FSAR	17.2.10	00208-C, Revision 0 20405-C, Revision 2 85303-C, Revision 0 20203-C, Revision 2

<u>Source Document</u>	<u>Section</u>	<u>Implementing Document</u>
FSAR	17.2.10	00201-C, Revision 1 85100-C, Revision 2 85301-C, Revision 0 00350-C, Revision 0
FSAR	17.2.11	00050-C, Revision 2
FSAR	17.2.12	00208-C, Revision 0 20405-C, Revision 2 85303-C, Revision 0 20230-C, Revision 2
FSAR	17.2.12	00208-C, Revision 0 20405-C, Revision 2 85303-C, Revision 0 20230-C, Revision 2
FSAR	17.2.12	00208-C, Revision 0 20230-C, Revision 2 20405-C, Revision 2 85303-C, Revision 0
FSAR	17.2.12	00002-C, Revision 2 00051-C, Revision 1 00208-C, Revision 0
FSAR	17.2.12	85303-C, Revision 0 85100-C, Revision 2 00202-C, Revision 0
FSAR	17.2.12	00208-C, Revision 0 20230-C, Revision 2 20405-C, Revision 2 85303-C, Revision 0
FSAR	17.2.13	00851-C, Revision 0 00850-C, Revision 2 00202-C, Revision 0 00254-C, Revision 0
FSAR	17.2.13	00851-C, Revision 0
FSAR	17.2.14	00200-C, Revision 0 85307-C, Revision 2 00850-C, Revision 2
FSAR	17.2.14	85100-C, Revision 2 85301-C, Revision 0 00304-C, Revision 3 00404-C, Revision 0 00853-C, Revision 2 85304-C, Revision 0 85201-C, Revision 1 00350-C, Revision 0

<u>Source Document</u>	<u>Section</u>	<u>Implementing Document</u>
FSAR	17.2.14	00204-C, Revision 0 00850-C, Revision 2 00853-C, Revision 2 00304-C, Revision 3 00350-C, Revision 0 85301-C, Revision 0
FSAR	17.2.15	85307-C, Revision 2 00850-C, Revision 2
FSAR	17.2.16	SUM-18, Revision 4
FSAR	17.2.16	00100-C, Revision 1 00103-C, Revision 0 00108-C, Revision 0 00101-C, Revision 1

A detailed examination of the above listed documents identified several examples of vague or general procedural references in the implementation matrix. However, the inspector determined through review of additional project documentation that adequate procedural controls existed and that these examples appear to be isolated cases and do not represent a programmatic deficiency.

The Commitment Tracking Program is an integral part of the implementation matrix and is used to ascertain whether a commitment is included in the implementing document and to track the status of unissued and draft project documents which implement operational commitments. The inspector selected the following commitment tracking items from Module 5, Table 3.0-2, to determine if the stated commitments, requirements, and regulations directly specified in commitment source documents were identified:

<u>Source Document</u>	<u>Section</u>	<u>Commitment Tracking</u>
FSAR	17.2.2	2235
FSAR	17.2.3	2209
FSAR	17.2.3	2206
FSAR	17.2.3	2210, 5384
FSAR	17.2.5	5320
FSAR	17.2.11	4003
FSAR	17.2.11	4005
FSAR	17.2.14	2456
FSAR	17.2.15	2461
FSAR	17.2.15	2462
FSAR	17.2.15	2458
FSAR	17.2.15	2459
FSAR	17.2.16	2466
FSAR	17.2.16	2472

The inspector determined through an examination of the above listed project documents and commitment tracking items that the implementing procedures appear to satisfy existing regulatory requirements and commitments.

Within this area, no violations or deviations were identified.

b. Section 4.1, Implementation of 10 CFR 50, Appendix B

Table 4.1-1, which lists procedures addressed in FSAR Section 17.2 requirements, was submitted for review following reformatting and scope clarification. The inspector examined 33 plant procedures from the subject table and determined that these procedures appear to meet the 10 CFR 50 Appendix B criteria.

Within this area, no violations or deviations were identified.

c. Section 5.0, Audits

Within the area of project audits, the onsite Quality Assurance Group had performed one audit of the Operations Organization and Administration area since the previous inspection. This audit, SP01-85/15, QA Audit of Readiness Review Activities addressed the following modules or appendices:

- Module 2 - Operations Training and Qualification
- Module 3A - Initial Test Program
- Module 5 - Operations Organization and Administration
- Appendix D - Document Control

The purpose of this audit was to determine the overall effectiveness of the Readiness Review organization in identifying commitments in the Nuclear Operations area, and verifying that these commitments were included in implementing procedures. Relative to Module 5, the following is a summary of problems found:

- Implementing procedures for all commitments were not identified.
- Some commitments were not addressed in implementing procedures.
- Some commitments were only partially implemented by the procedures identified in the Readiness Review module. This was due to both errors in the commitment matrix and errors in the procedures.

The inspector determined that the problems identified during this audit appeared to have been corrected by the Readiness Review staff and Nuclear Operations.

Within this area, no violations or deviations were identified.