



UNITED STATES
NUCLEAR REGULATORY COMMISSION
REGION II
SAM NUNN ATLANTA FEDERAL CENTER
61 FORSYTH STREET, SW, SUITE 23T85
ATLANTA, GEORGIA 30303-8931

February 25, 2000

South Carolina Electric & Gas Company
ATTN: Mr. Gary J. Taylor
Vice President, Nuclear Operations
Virgil C. Summer Nuclear Station
P. O. Box 88
Jenkinsville, SC 29065

SUBJECT: SAFETY SYSTEM DESIGN AND PERFORMANCE CAPABILITY INSPECTION
NRC INSPECTION REPORT NO. 50-395/2000-03

Dear Mr. Taylor:

The purpose of this letter is to announce a safety system design and performance capability inspection at your Summer facility which is scheduled for April 17 - 21 and May 1 - 5, 2000. The inspection will be conducted using Inspection Procedure 71111.21, "Safety System Design and Performance Capability," and will be performed under the new reactor regulatory oversight program. A team of five inspectors will perform the inspection. The designated team leader, McKenzie Thomas, will make arrangements with your staff to discuss the inspection plan in more detail.

The inspection objective will be to evaluate the capability of the emergency diesel generators (including their support systems) and other related systems to perform the functions required to mitigate a loss of offsite power/station blackout. The team will require the information outlined in the enclosure for the emergency diesel generators and other related systems to review in preparation for the inspection. Please contact Mr. M. Thomas prior to preparing the requested information. This information will be needed by April 3, 2000, in order to support the inspection effort.

Thank you for your cooperation in this matter. If you have any questions regarding this inspection, please contact Mr. K. Landis at (404) 562-4605 or Mr. M. Thomas at (404) 562-4673.

Sincerely,

/RA/

Kerry D. Landis, Chief
Engineering Branch
Division of Reactor Safety

Enclosure: See page 2

Enclosure: Information Requested for Emergency Diesel Generators and

Related Support Systems

Docket No.: 50-395
License No.: NPF-12

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SIGNATURE	MTHOMAS	RHAAG					
NAME	MThomas	RHaag					
DATE	2/24/00	2/24/00	4/ /00	4/ /00		4/ /0	4/ /0
E-MAIL COPY?	YES NO	YES NO	YES NO	YES NO	YES NO	YES NO	YES NO

OFFICIAL RECORD COPY

DOCUMENT NAME: C:\sum-ssdpc-ltr0.wpd

INFORMATION REQUESTED FOR THE EMERGENCY DIESEL GENERATORS (EDGs)/SUPPORT SYSTEMS AND OTHER RELATED SYSTEMS

- Site specific administrative procedures related to standard operation, abnormal operation, and emergency operation of the EDGs (including support systems) and other related systems during a loss of offsite power and/or a station blackout. Other related systems include, but may not be limited to the 7.2 kV bus; vital batteries; service water; and component cooling water.
- Design criteria for the EDGs in addition to support systems and interfaces.
- EDG Technical Specification requirements and associated surveillance test/calibration procedures.
- EDGs and other related systems piping and instrumentation drawings; one line diagrams; electrical schematics; wiring and logic diagrams.
- A list of engineering calculations (Electrical, Instrumentation and Controls and Mechanical/Nuclear) applicable to the EDGs and other related systems.
- A list of plant modifications to the EDGs and other related systems implemented since the NRC performed the Electrical Distribution System Functional Inspection (EDSFI) in 1992.
- List of Condition Evaluation Reports initiated since 1992 affecting the EDGs and other related systems.
- List of current open temporary modifications and operator work arounds involving operation of the EDGs and the other related systems.
- System Health Report and Performance Trends for the EDGs and other related systems.
- Maintenance Rule Performance criteria for the EDGs and other related systems.
- Documentation of corrective and preventive maintenance activities, including the maintenance rule event log, performed on the EDGs and other related systems in the past 12 months.
- Copies of applicable sections of changes to the UFSAR (which have yet to be docketed) for the EDGs and other related systems.
- An index of drawings for the EDGs and other related systems.
- Self-assessment performed on EDGs and other related systems in the last 24 months.
- System description and operator training module for the EDGs and other related systems.

Enclosure

- PRA Fault Tree Data for the 7.2kV bus, EDGs, and the vital batteries.

Enclosure