



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

September 2, 2008

Mr. Jeffrey B. Archie  
Vice President  
South Carolina Electric & Gas Company  
Virgil C. Summer Nuclear Station  
P.O. Box 88  
Jenkinsville, SC 29065

**SUBJECT: MID-CYCLE PERFORMANCE REVIEW AND INSPECTION PLAN –  
VIRGIL C. SUMMER NUCLEAR STATION**

Dear Mr. Archie:

On August 14, 2008, the NRC staff completed its performance review of Virgil C. Summer Nuclear Station for the first half of the calendar year 2008 assessment cycle. Our technical staff reviewed performance indicators (PIs) for the most recent quarter and inspection results over the previous twelve months. The purpose of this letter is to inform you of our assessment of your safety performance during this period and our plans for future inspections at your facility.

This performance review and enclosed inspection plan do not include security information. A separate letter designated and marked as "Official Use Only--Security-Related Information" will include the Physical Protection/Security cornerstone review and resultant inspection plan.

Plant performance for the most recent quarter at Virgil C. Summer Nuclear Station was within the Licensee Response column of the NRC's Action Matrix, based on all inspection findings being classified as having very low safety significance (Green) and all PIs indicating performance at a level requiring no additional NRC oversight (Green). Therefore, we plan to conduct reactor oversight process (ROP) baseline inspections at your facility. We also plan on conducting several non-ROP inspections which include: TI 2515/173, Review of the Implementation of the Industry Ground Water Protection Voluntary Initiative; TI 2515/175 Emergency Response Organization, Drill/Exercise Performance Indicator, Program Review; and TI 2515/176 Emergency Diesel Generator Technical Specification Surveillance Requirements Regarding Endurance and Margin Testing.

Additionally, on October 12, 2007 the staff issued a severity level III Notice of Violation in accordance with the NRC's Enforcement Policy. This violation was for emergency action level (EAL) changes which resulted in decreases in effectiveness and a non-standard EAL scheme. The inspectors reviewed the corrective actions described by the licensee in its correspondence dated November 12, 2007 entitled, "Reply to a Notice of Violation: EA-07-079 NRC Inspection Report 2007502" and held interviews with appropriate personnel. Immediate corrective actions have been implemented and the long-term corrective action to prevent recurrence of converting to an EAL scheme based on NEI-99-01, "Methodology for Development of Emergency Actions Levels" Revision 4, has a projected completion date of October 2008. NRC staff determined that the long-term corrective action to prevent recurrence did not need to be completed prior to closing this violation. This violation was closed in integrated inspection report

05000395/2008003. Long term corrective actions will be evaluated during baseline inspections at your facility.

The enclosed inspection plan details the inspections, less those related to physical protection scheduled through December 31, 2009. The inspection plan is provided to allow for the resolution of any scheduling conflicts and personnel availability issues well in advance of inspector arrival onsite. Routine resident inspections are not listed due to their ongoing and continuous nature. The inspections in the last nine months of the inspection plan are tentative and may be revised at the end-of-cycle review.

In accordance with 10 CFR 2.390 of the NRC's "Rules of Practice," a copy of this letter and its enclosure will be made available electronically for public inspection in the NRC Public Document Room or from the Publicly Available Records (PARS) component of NRC's document system (ADAMS). ADAMS is accessible from the NRC Web site at <http://www.nrc.gov/reading-rm/adams.html> (the Public Electronic Reading Room).

If circumstances arise which cause us to change the inspection plan, we will contact you to discuss the change as soon as possible. Please contact me at 404-562-4612 with any questions you may have regarding this letter or the inspection plan.

Sincerely,

*/RA/*

Mark A. Bates, Acting Chief  
 Reactor Projects Branch 5  
 Division of Reactor Projects

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

Enclosure: V.C. Summer Inspection / Activity Plan

cc w/encl.: (See next page)

PUBLICLY AVAILABLE       NON-PUBLICLY AVAILABLE       SENSITIVE       NON-SENSITIVE  
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NAME	JDodson	MBates					
DATE	08/26/2008	08/26/2008					
E-MAIL COPY?	YES NO	YES NO	YES NO	YES NO	YES NO	YES NO	YES NO

cc w/encl:

R. J. White  
Nuclear Coordinator  
S.C. Public Service Authority Mail Code 802  
Electronic Mail Distribution

Kathryn M. Sutton, Esq.  
Morgan, Lewis & Bockius LLP  
Electronic Mail Distribution

Susan E. Jenkins  
Director, Division of Waste Management  
Bureau of Land and Waste Management  
S.C. Department of Health and  
Environmental Control  
Electronic Mail Distribution

R. Mike Gandy  
Division of Radioactive Waste Mgmt.  
S.C. Department of Health and  
Environmental Control  
Electronic Mail Distribution

Bruce L. Thompson  
Manager  
Nuclear Licensing (Mail Code 830)  
South Carolina Electric & Gas Company  
Electronic Mail Distribution

Robert M. Fowlkes  
General Manager  
Engineering Services  
South Carolina Electric & Gas Company  
Electronic Mail Distribution

Thomas D. Gatlin  
General Manager  
Nuclear Plant Operations (Mail Code 303)  
South Carolina Electric & Gas Company  
Electronic Mail Distribution

David A. Lavigne  
General Manager  
Organization Development  
South Carolina Electric & Gas Company  
Electronic Mail Distribution

Senior Resident Inspector  
South Carolina Electric and Gas Company  
Virgil C. Summer Nuclear Station  
U.S. NRC  
576 Stairway Road  
Jenkinsville, SC 29065

SCE&G

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Distribution w/encl:

C. Evans, RII EICS

L. Slack, RII EICS

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PUBLIC

R. Martin, NRR

RidsNrrDirspab@nrc.gov

Institute of Nuclear Power Operations (INPO)