



**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)

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Summer
Inspection / Activity Plan
09/02/2008 - 12/31/2009

Unit Number	Inspection Activity	Title	No. of Staff on Site	Planned Dates Start	Planned Dates End	Inspection Type
	EB1-CDBI - COMPONENT DESIGN BASIS INSPECTION		10			
1	IP 7111121	Component Design Bases Inspection		09/08/2008	09/12/2008	Baseline Inspections
	PSB1-EP - EMERGENCY PREPAREDNESS INSPECTION		1			
1	IP 2515/175	Emergency Response Organization, Drill/Exercise Performance Indicator, Program Review		10/27/2008	10/31/2008	Baseline Inspections
1	IP 7111402	Alert and Notification System Testing		10/27/2008	10/31/2008	EP Baseline Inspection
1	IP 7111403	Emergency Response Organization Augmentation Testing		10/27/2008	10/31/2008	EP Baseline Inspection
1	IP 7111404	Emergency Action Level and Emergency Plan Changes		10/27/2008	10/31/2008	EP Baseline Inspection
1	IP 7111405	Correction of Emergency Preparedness Weaknesses and Deficiencies		10/27/2008	10/31/2008	EP Baseline Inspection
1	IP 71151-EP01	Drill/Exercise Performance		10/27/2008	10/31/2008	Baseline Inspections
1	IP 71151-EP02	ERO Drill Participation		10/27/2008	10/31/2008	Baseline Inspections
1	IP 71151-EP03	Alert & Notification System		10/27/2008	10/31/2008	Baseline Inspections
	OL EXAM - INITIAL EXAM PREP		3			
1	V23297	SUMMER/JANUARY 2009 EXAM AT POWER FACILITIES		01/05/2009	01/09/2009	Not Applicable
	OL EXAM - INITIAL EXAM - WEEK 1		3			
1	V23297	SUMMER/JANUARY 2009 EXAM AT POWER FACILITIES		02/02/2009	02/06/2009	Not Applicable
	OL EXAM - INITIAL EXAM - WEEK 2		3			
1	V23297	SUMMER/JANUARY 2009 EXAM AT POWER FACILITIES		02/09/2009	02/13/2009	Not Applicable
	PSB1EP - EMERGENCY PREPAREDNESS EXERCISE		3			
1	IP 7111401	Exercise Evaluation		03/30/2009	04/03/2009	EP Baseline Inspection
1	IP 7111404	Emergency Action Level and Emergency Plan Changes		03/30/2009	04/03/2009	EP Baseline Inspection
1	IP 71151-EP01	Drill/Exercise Performance		03/30/2009	04/03/2009	Baseline Inspections
1	IP 71151-EP02	ERO Drill Participation		03/30/2009	04/03/2009	Baseline Inspections
1	IP 71151-EP03	Alert & Notification System		03/30/2009	04/03/2009	Baseline Inspections
	PSB1-RP - TI 2515/173 GROUND WATER		1			
1	IP 2515/173	Review of the Implementation of the Industry Ground Water Protection Voluntary Initiative		04/27/2009	05/01/2009	Generic Safety Inspectio
	PSB1-RP - RADIATION PROTECTION PUBLIC INSPECTION		3			
1	IP 7112103	Radiation Monitoring Instrumentation and Protective Equipment		05/18/2009	05/22/2009	Baseline Inspections
1	IP 7112201	Radioactive Gaseous and Liquid Effluent Treatment and Monitoring Systems		05/18/2009	05/22/2009	Baseline Inspections
1	IP 7112203	Radiological Environmental Monitoring Program (REMP) And Radioactive Material Control Program		05/18/2009	05/22/2009	Baseline Inspections
1	IP 71151-OR01	Occupational Exposure Control Effectiveness		05/18/2009	05/22/2009	Baseline Inspections
1	IP 71151-PR01	RETS/ODCM Radiological Effluent		05/18/2009	05/22/2009	Baseline Inspections
	EB3ISI - INSERVICE INSPECTION		1			
1	IP 7111108P	Inservice Inspection Activities - PWR		10/26/2009	10/30/2009	Baseline Inspections
	EB3TI172 - TI-172 RCS DM BUTT WELDS		1			
1	IP 2515/172	Reactor Coolant System Dissimilar Metal Butt Welds		10/26/2009	10/30/2009	Generic Safety Inspectio

This report does not include INPO and OUTAGE activities.
This report shows only on-site and announced inspection procedures.

Summer
Inspection / Activity Plan
09/02/2008 - 12/31/2009

Unit Number	Inspection Activity	Title	No. of Staff on Site	Planned Dates Start End		Inspection Type
1	IP 7112101	PSB1-RP - RP ACCESS CONTROLS INSPECTION (OUTAGE) Access Control to Radiologically Significant Areas	1	11/02/2009	11/06/2009	Baseline Inspections

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