



UNITED STATES  
NUCLEAR REGULATORY COMMISSION

REGION II  
SAM NUNN ATLANTA FEDERAL CENTER  
61 FORSYTH STREET, SW, SUITE 23T85  
ATLANTA, GEORGIA 30303-8931

August 30, 2005

South Carolina Electric & Gas Company  
ATTN: Mr. Jeffrey B. Archie  
Vice President, Nuclear Operations  
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 4, 2005, the NRC staff completed its performance review of the Virgil C. Summer Station for the first half of the calendar year 2005 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 the enclosed inspection plan do not include physical protection information. A separate letter designated and marked as "Exempt from Public Disclosure in Accordance with 10 CFR 2.390" will include the physical protection review and a resultant inspection plan.

Plant performance for the most recent quarter 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 only reactor oversight process baseline inspections at your facility through March 31, 2007. We also plan on conducting an inspection which is not part of the routine baseline inspection program. This is temporary instruction 2515/150, "Reactor Pressure Vessel Head and Vessel Head Penetration Nozzles (NRC Order EA-03-009)."

The enclosed inspection plan details the inspections, less those related to physical protection scheduled through March 31, 2007. The inspection plan is provided to minimize the resource impact on your staff and 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 twelve months of the inspection plan are tentative and may be revised at the end-of-cycle review meeting.

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) 562-4510 with any questions you may have regarding this letter or the inspection plan.

Sincerely,  
**/RA/**

Kerry D. Landis, Chief  
Reactor Projects Branch 5  
Division of Reactor Projects

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

Enclosure: Summer Inspection/Activity Plan

cc w/encl:  
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**Summer**  
**Inspection / Activity Plan**  
**09/01/2005 - 03/31/2007**

Unit Number	Inspection Activity	Title	No. of Staff on Site	Planned Dates Start	Planned Dates End	Inspection Type
	<b>EB1-MODS - MODIFICATIONS/10CFR50.59</b>		<b>3</b>			
1	IP 7111102	Evaluation of Changes, Tests, or Experiments		10/03/2005	10/07/2005	Baseline Inspections
1	IP 711117B	Permanent Plant Modifications		10/03/2005	10/07/2005	Baseline Inspections
	<b>OL PREP - INITIAL EXAM PREP</b>		<b>2</b>			
1	V23249	SUMMER/EXAM AT POWER FACILITIES		11/28/2005	12/03/2005	Not Applicable
	<b>PSB1 - RP PUBLIC PRE-INSP VISIT</b>		<b>1</b>			
1	IP 7112101	Access Control to Radiologically Significant Areas		12/12/2005	12/14/2005	Baseline Inspections
	<b>OL EXAM - INITIAL EXAM</b>		<b>3</b>			
1	V23249	SUMMER/EXAM AT POWER FACILITIES		12/12/2005	12/16/2005	Not Applicable
	<b>EB3-MR - MR EFFECTIVENESS</b>		<b>2</b>			
1	IP 711112B	Maintenance Effectiveness		01/09/2006	01/13/2006	Baseline Inspections
	<b>PS1-RP - RP BASELINE PUBLIC</b>		<b>4</b>			
1	IP 7112103	Radiation Monitoring Instrumentation and Protective Equipment		01/09/2006	01/13/2006	Baseline Inspections
1	IP 7112201	Radioactive Gaseous and Liquid Effluent Treatment and Monitoring Systems		01/09/2006	01/13/2006	Baseline Inspections
1	IP 7112203	Radiological Environmental Monitoring Program (REMP) And Radioactive Material Control P		01/09/2006	01/13/2006	Baseline Inspections
1	IP 71151	Performance Indicator Verification		01/09/2006	01/13/2006	Baseline Inspections
	<b>PI&amp;R - PROBLEM IDENTIFICATION AND RESOLUTION</b>		<b>5</b>			
1	IP 71152B	Identification and Resolution of Problems		03/13/2006	03/17/2006	Baseline Inspections
1	IP 71152B	Identification and Resolution of Problems		03/27/2006	03/31/2006	Baseline Inspections
	<b>EB1SSDPC - SSDPC PRE-INSPECTION VISIT</b>		<b>1</b>			
1	IP 7111121	Safety System Design and Performance Capability		05/01/2006	05/05/2006	Baseline Inspections
	<b>EB1SSDPC - SAFETY SYSTEM DESIGN &amp; PERF. CAPABILITY</b>		<b>6</b>			
1	IP 7111121	Safety System Design and Performance Capability		05/22/2006	05/26/2006	Baseline Inspections
1	IP 7111121	Safety System Design and Performance Capability		06/05/2006	06/09/2006	Baseline Inspections
1	IP 7111121	Safety System Design and Performance Capability		06/19/2006	06/23/2006	Baseline Inspections
	<b>PS2-EP - EP INSP</b>		<b>1</b>			
1	IP 7111402	Alert and Notification System Testing		07/31/2006	08/04/2006	Baseline Inspections
1	IP 7111403	Emergency Response Organization Augmentation Testing		07/31/2006	08/04/2006	Baseline Inspections
1	IP 7111404	Emergency Action Level and Emergency Plan Changes		07/31/2006	08/04/2006	Baseline Inspections
1	IP 7111405	Correction of Emergency Preparedness Weaknesses and Deficiencies		07/31/2006	08/04/2006	Baseline Inspections
1	IP 71151	Performance Indicator Verification		07/31/2006	08/04/2006	Baseline Inspections
	<b>PSB1 - RP OCCUPATIONAL BASELINE</b>		<b>2</b>			
1	IP 7112101	Access Control to Radiologically Significant Areas		10/09/2006	10/13/2006	Baseline Inspections
1	IP 7112102	ALARA Planning and Controls		10/09/2006	10/13/2006	Baseline Inspections

**Summer**  
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**09/01/2005 - 03/31/2007**

Unit Number	Inspection Activity	Title	No. of Staff on Site	Planned Dates Start	Planned Dates End	Inspection Type
	<b>EB3-ISI</b>	<b>- INSERVICE INSPECTION</b>	<b>1</b>			
1	IP 7111108P	Inservice Inspection Activities - PWR		10/16/2006	10/20/2006	Baseline Inspections
	<b>EB3TI150</b>	<b>- 2515/150 RPV &amp; VHP NOZZLE</b>	<b>1</b>			
1	IP 2515/150	Reactor Pressure Vessel Head and Vessel Head Penetration Nozzles (NRC ORDER EA-03-		10/16/2006	10/19/2006	Safety Issues
	<b>EB3SGISI</b>	<b>- STEAM GENERATOR ISI</b>	<b>1</b>			
1	IP 7111108P	Inservice Inspection Activities - PWR		10/23/2006	10/27/2006	Baseline Inspections