



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

March 3, 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: ANNUAL ASSESSMENT LETTER – VIRGIL C. SUMMER NUCLEAR STATION  
(NRC INSPECTION REPORT 05000395/2008001)

Dear Mr. Archie:

On February 6, 2008, the NRC staff completed its performance review of the Virgil C. Summer Nuclear Station. Our technical staff reviewed performance indicators (PIs) for the most recent quarter and inspection results for the period from January 1 through December 31, 2007. 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 security cornerstone review and resultant inspection plan.

Overall, Virgil C. Summer Nuclear Station operated in a manner that preserved public health and safety and fully met all cornerstone objectives. Plant performance for the most recent quarter, as well as for the first three quarters of the assessment cycle, 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 non-ROP inspections which include: TI 2515/171, "Verification of Site Specific Implementation of B.5.b Phase 2 & 3 Mitigating Strategies;" and TI 2515/172, "Reactor Coolant System Dissimilar Metal Butt Welds."

The enclosed inspection plan details the inspections, less those related to physical protection scheduled through June 30, 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 mid-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 this inspection plan, we will contact you to discuss the change as soon as possible. Please contact me at (404) 562-4662 with any questions you may have regarding this letter or the inspection plan.

Sincerely,

*/RA/*

Eugene Guthrie, Chief  
Reactor Projects Branch 5  
Division of Reactor Projects

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

Enclosure: Summer Inspection/Activity Plan (03/01/08 - 06/30/09)

cc w/encl.: (See page 3)

cc w/encl.:

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**Summer**  
**Inspection / Activity Plan**  
**03/01/2008 - 06/30/2009**

Unit Number	Inspection Activity	Title	No. of Staff on Site	Planned Dates Start	Planned Dates End	Inspection Type
	<b>PI&amp;R</b>	<b>- PROBLEM IDENTIFICATION AND RESOLUTION</b>	<b>5</b>			
1	IP 71152B	Identification and Resolution of Problems		03/10/2008	03/14/2008	Baseline Inspections
1	IP 71152B	Identification and Resolution of Problems		03/24/2008	03/28/2008	Baseline Inspections
	<b>PSB1-RP</b>	<b>- RADIATION PROTECTION PREINSPECTION VISIT</b>	<b>1</b>			
1	IP 7112101	Access Control to Radiologically Significant Areas		03/24/2008	03/26/2008	Baseline Inspections
	<b>PSB1-RP</b>	<b>- RADIATION PROTECTION OCCUPATIONAL WK1</b>	<b>3</b>			
1	IP 7112101	Access Control to Radiologically Significant Areas		04/28/2008	05/02/2008	Baseline Inspections
1	IP 7112102	ALARA Planning and Controls		04/28/2008	05/02/2008	Baseline Inspections
1	IP 7112202	Radioactive Material Processing and Transportation		04/28/2008	05/02/2008	Baseline Inspections
1	IP 71151-OR01	Occupational Exposure Control Effectiveness		04/28/2008	05/02/2008	Baseline Inspections
1	IP 71151-PR01	RETS/ODCM Radiological Effluent		04/28/2008	05/02/2008	Baseline Inspections
	<b>EB3-ISI</b>	<b>- SUMMER - ISI</b>	<b>1</b>			
1	IP 7111108P	Inservice Inspection Activities - PWR		05/05/2008	05/09/2008	Baseline Inspections
	<b>PSB1-RP</b>	<b>- RADIATION PROTECTION OCCUPATIONAL WK2</b>	<b>3</b>			
1	IP 7112101	Access Control to Radiologically Significant Areas		05/05/2008	05/09/2008	Baseline Inspections
1	IP 7112102	ALARA Planning and Controls		05/05/2008	05/09/2008	Baseline Inspections
1	IP 7112202	Radioactive Material Processing and Transportation		05/05/2008	05/09/2008	Baseline Inspections
1	IP 71151-OR01	Occupational Exposure Control Effectiveness		05/05/2008	05/09/2008	Baseline Inspections
1	IP 71151-PR01	RETS/ODCM Radiological Effluent		05/05/2008	05/09/2008	Baseline Inspections
	<b>TI-171</b>	<b>- B.5.B PHASE 2&amp;3</b>	<b>4</b>			
1	IP 2515/171	Verification of Site Specific Implementation Of B.5.b Phase 2 & 3 Mitigating Strategies		06/23/2008	06/27/2008	Generic Safety Inspectio
	<b>EB3TI172</b>	<b>- TI-172</b>	<b>1</b>			
1	IP 2515/172	Reactor Coolant System Dissimilar Metal Butt Welds		07/07/2008	07/11/2008	Generic Safety Inspectio
	<b>EB1-CDBI</b>	<b>- COMPONENT DESIGN BASIS INSPECTION</b>	<b>10</b>			
1	IP 7111121	Component Design Bases Inspection		07/28/2008	08/01/2008	Baseline Inspections
1	IP 7111121	Component Design Bases Inspection		08/11/2008	08/15/2008	Baseline Inspections
1	IP 7111121	Component Design Bases Inspection		08/25/2008	08/29/2008	Baseline Inspections
1	IP 7111121	Component Design Bases Inspection		09/08/2008	09/12/2008	Baseline Inspections
	<b>OL RQ</b>	<b>- REQUAL INSPECTION</b>	<b>2</b>			
1	IP 7111111B	Licensed Operator Requalification Program		08/11/2008	08/15/2008	Baseline Inspections
	<b>PSB1-EP</b>	<b>- EP INSP</b>	<b>1</b>			
1	IP 7111402	Alert and Notification System Testing		09/22/2008	09/26/2008	EP Baseline Inspection
1	IP 7111403	Emergency Response Organization Augmentation Testing		09/22/2008	09/26/2008	EP Baseline Inspection
1	IP 7111404	Emergency Action Level and Emergency Plan Changes		09/22/2008	09/26/2008	EP Baseline Inspection
1	IP 7111405	Correction of Emergency Preparedness Weaknesses and Deficiencies		09/22/2008	09/26/2008	EP Baseline Inspection

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

**Summer**  
**Inspection / Activity Plan**  
**03/01/2008 - 06/30/2009**

Unit Number	Inspection Activity	Title	No. of Staff on Site	Planned Dates Start	Planned Dates End	Inspection Type
	<b>PSB1-EP - EP INSP</b>		<b>1</b>			
1	IP 71151-EP01	Drill/Exercise Performance		09/22/2008	09/26/2008	Baseline Inspections
1	IP 71151-EP02	ERO Drill Participation		09/22/2008	09/26/2008	Baseline Inspections
1	IP 71151-EP03	Alert & Notification System		09/22/2008	09/26/2008	Baseline Inspections
	<b>OL EXAM - INITIAL EXAM PREP</b>		<b>3</b>			
1	V23297	SUMMER/JANUARY 2009 EXAM AT POWER FACILITIES		01/05/2009	01/09/2009	Not Applicable
	<b>OL EXAM - INITIAL EXAM - WEEK 1</b>		<b>3</b>			
1	V23297	SUMMER/JANUARY 2009 EXAM AT POWER FACILITIES		02/02/2009	02/06/2009	Not Applicable
	<b>OL EXAM - INITIAL EXAM - WEEK 2</b>		<b>3</b>			
1	V23297	SUMMER/JANUARY 2009 EXAM AT POWER FACILITIES		02/09/2009	02/13/2009	Not Applicable
	<b>PSB1EP - EP EXERCISE</b>		<b>3</b>			
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