



UNITED STATES
NUCLEAR REGULATORY COMMISSION

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

August 31, 2006

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 3, 2006, the NRC staff completed its performance review of the Virgil C. Summer Nuclear Station for the first half of the calendar year 2006 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.

Overall, Virgil C. Summer Unit 1 operated in a manner that preserved public health and safety and fully met all cornerstone objectives. Plant performance for Virgil C. Summer for the most recent quarter was in the Regulatory Response Column of the NRC's Action Matrix of Inspection Manual Chapter 305, "Operating Reactor Assessment Program," due to a White inspection finding in the Public Radiation Safety Cornerstone. The White inspection finding involved the licensee's failure to properly prepare a radioactive material package for shipment. The White inspection finding was identified in the first quarter of calendar year 2006. In accordance with the NRC's Action Matrix, a White inspection finding reflected performance at a level requiring increased regulatory response. Therefore, in addition to the reactor oversight process (ROP) baseline inspection program at your facility, the NRC plans to conduct a supplemental inspection in accordance with Inspection Procedure 95001, "Inspection for One or Two White Inputs In a Strategic Performance Area," in the Public Radiation Safety Cornerstone. This supplemental inspection is planned for September 11 - 14, 2006. In addition, we plan to conduct non-ROP inspections involving containment sump blockage, reactor pressure vessel head penetration nozzles and verification of the Mitigating Systems Performance Index.

Package - ML062430367

The enclosed inspection plan details the inspections, less those related to physical protection, scheduled through March 31, 2008. 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 Mr. Kerry Landis at (404) 562-4510 with any questions you may have regarding this letter or the inspection plan.

Sincerely,

/RA/

Charles A. Casto, Director
Division of Reactor Projects

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

Enclosure: V. C. Summer Inspection/Activity Plan

cc w/encl: (See page 3)

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Summer
Inspection / Activity Plan
09/01/2006 - 03/31/2008

Unit Number	Inspection Activity	Title	No. of Staff on Site	Planned Dates Start	Planned Dates End	Inspection Type
	2515/169 - TI 2515/169 - MSPI VERIFICATION		1			
1	IP 2515/169	Mitigating Systems Performance Index Verification		08/01/2006	12/31/2006	Safety Issues
	RP-95001 - FOLLOWUP FOR WHITE TRANSPORTATION VIO		2			
1	IP 7112202	Radioactive Material Processing and Transportation		09/11/2006	09/14/2006	Baseline Inspections
	PSB1-RP - RP OCCUPATIONAL BASELINE INSP		2			
1	IP 7112101	Access Control to Radiologically Significant Areas		10/16/2006	10/20/2006	Baseline Inspections
1	IP 7112102	ALARA Planning and Controls		10/16/2006	10/20/2006	Baseline Inspections
	EB3-ISI - INSERVICE INSPECTION		1			
1	IP 7111108P	Inservice Inspection Activities - PWR		10/23/2006	10/27/2006	Baseline Inspections
	EB3TI150 - 2515/150 RPV & VHP NOZZLE		1			
1	IP 2515/150	Reactor Pressure Vessel Head and Vessel Head Penetration Nozzles (NRC ORDER EA-03-		10/30/2006	11/02/2006	Safety Issues
	EB1-SUMP - PWR CONTAINMENT SUMP BLOCKAGE TI		1			
1	IP 2515/166	Pressurized Water Reactor Containment Sump Blockage [NRC GENERIC LETTER 2004-02		11/05/2006	11/10/2006	Safety Issues
	TFP - TFP INFO TRIP		4			
1	IP 7111105T	Fire Protection [Triennial]		02/20/2007	02/22/2007	Baseline Inspections
	TFP - TRIENNIAL FIRE PROTECTION		4			
1	IP 7111105T	Fire Protection [Triennial]		03/19/2007	03/23/2007	Baseline Inspections
1	IP 7111105T	Fire Protection [Triennial]		04/02/2007	04/06/2007	Baseline Inspections
	PSB1-RP - RP OCCUPATIONAL PRE-INSP VISIT		1			
1	IP 7112101	Access Control to Radiologically Significant Areas		05/14/2007	05/16/2007	Baseline Inspections
	OL PREP - INITIAL EXAM PREP		5			
1	V23265	SUMMER/JUNE 2007 EXAM AT POWER FACILITIES		05/14/2007	05/18/2007	Not Applicable
	OL EXAM - INITIAL EXAM		5			
1	V23265	SUMMER/JUNE 2007 EXAM AT POWER FACILITIES		06/04/2007	06/08/2007	Not Applicable
	PSB1-RP - RP OCCUPATIONAL BASELINE INSP		3			
1	IP 7112101	Access Control to Radiologically Significant Areas		06/04/2007	06/08/2007	Baseline Inspections
1	IP 7112102	ALARA Planning and Controls		06/04/2007	06/08/2007	Baseline Inspections
1	IP 7112202	Radioactive Material Processing and Transportation		06/04/2007	06/08/2007	Baseline Inspections
1	IP 71151	Performance Indicator Verification		06/04/2007	06/08/2007	Baseline Inspections
	EB3-HS - HEAT SINK		1			
1	IP 7111107B	Heat Sink Performance		09/10/2007	09/14/2007	Baseline Inspections
	PS2-EP - EP EXERCISE		2			
1	IP 7111401	Exercise Evaluation		10/01/2007	10/05/2007	Baseline Inspections
1	IP 7111404	Emergency Action Level and Emergency Plan Changes		10/01/2007	10/05/2007	Baseline Inspections
1	IP 71151	Performance Indicator Verification		10/01/2007	10/05/2007	Baseline Inspections

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

Enclosure

Summer
Inspection / Activity Plan
09/01/2006 - 03/31/2008

Unit Number	Inspection Activity	Title	No. of Staff on Site	Planned Dates Start	Planned Dates End	Inspection Type
EB1-MODS - MODIFICATIONS-10CFR50.59			3			
1	IP 7111102	Evaluation of Changes, Tests, or Experiments		12/10/2007	12/14/2007	Baseline Inspections
1	IP 7111117B	Permanent Plant Modifications		12/10/2007	12/14/2007	Baseline Inspections
PI&R - PROBLEM IDENTIFICATION & RESOLUTION - BI			4			
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

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