



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

March 4, 2003

South Carolina Electric & Gas Company  
ATTN: Mr. Stephen A. Byrne  
Senior Vice President, Nuclear Operations  
Virgil C. Summer Nuclear Station  
P. O. Box 88  
Jenkinsville, SC 29065

**SUBJECT: ANNUAL ASSESSMENT LETTER - VIRGIL C. SUMMER NUCLEAR STATION  
REPORT 50-395/03-01**

Dear Mr. Byrne:

On February 4, 2003, the NRC staff completed its end-of-cycle plant performance assessment of the Virgil C. Summer Nuclear Station. The end-of-cycle review for Virgil C. Summer involved the participation of all technical divisions in evaluating performance indicators (PIs) for the most recent quarter and inspection results for the period from January 1 through December 31, 2002. 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 so that you will have an opportunity to prepare for these inspections and to inform us of any planned inspections that may conflict with your plant activities.

Overall, Virgil C. Summer 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 baseline inspections at your facility through March 31, 2004. In addition, inspections will be performed associated with: (1) license renewal; (2) implementation of the Interim Compensatory Measures required by the NRC Security Order dated February 12, 2002; (3) operator licensing examinations; and (4) your activities in response to NRC Bulletin 2002-02, "Reactor Pressure Vessel (RPV) Head Vessel Head Penetration (VHP) Nozzle Inspection Programs."

The enclosed inspection plan details the inspections scheduled through March 31, 2004. The inspection plan is provided to minimize the resource impact on your staff and to allow for scheduling conflicts and personnel availability to be resolved in advance of inspector arrival onsite. Routine resident inspections are not listed due to their ongoing and continuous nature. The inspections in the last six months of the inspection plan are tentative and may be revised at the mid-cycle review meeting.

As you are aware, since the terrorist attacks on September 11, 2001, the NRC has issued several Orders and threat advisories to enhance security capabilities and improve guard force readiness. We have conducted inspections to review your implementation of these requirements and have monitored your actions in response to changing threat conditions. For

calendar year 2003, we plan to continue these inspections, conduct portions of the security baseline inspection program, as well as perform additional inspections to evaluate your compliance with new requirements that may be ordered. Based on our final determinations in this regard, we will notify you of any inspection plan changes.

In accordance with 10 CFR 2.790 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 404-562-4510 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: Virgil C. Summer Inspection/Activity Plan

cc w/encl:

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**Summer**  
**Inspection / Activity Plan**  
**03/01/2003 - 03/31/2004**

Unit Number	Inspection Activity	Title	No. of Staff on Site	Planned Dates		Inspection Type
				Start	End	
	<b>PS-SEC - SECURITY - TI/ICM</b>		<b>3</b>			
1	IP 2515/148	Inspection of Nuclear Reactor Safeguards - Interim Compensatory Measures		03/10/2003	03/14/2003	Safety Issues
	<b>EB2-MODS - MODIFICATIONS/10CFR50.59</b>		<b>3</b>			
1	IP 7111102	Evaluation of Changes, Tests, or Experiments		03/17/2003	03/21/2003	Baseline Inspections
1	IP 7111117B	Permanent Plant Modifications		03/17/2003	03/21/2003	Baseline Inspections
	<b>LIC RENE - FIRST LICENSE RENEWAL INSPECTION</b>		<b>4</b>			
1	IP 71002	License Renewal Inspection		05/12/2003	05/16/2003	Other Routine
	<b>EB2-HS - HEAT SINK</b>		<b>2</b>			
1	IP 7111107B	Heat Sink Performance		05/27/2003	05/30/2003	Baseline Inspections
	<b>PS-RP - RADIATION PROTECTION</b>		<b>3</b>			
1	IP 7112101	Access Control to Radiologically Significant Areas		06/23/2003	06/27/2003	Baseline Inspections
1	IP 7112103	Radiation Monitoring Instrumentation and Protective Equipment		06/23/2003	06/27/2003	Baseline Inspections
1	IP 7112201	Radioactive Gaseous and Liquid Effluent Treatment and Monitoring Systems		06/23/2003	06/27/2003	Baseline Inspections
1	IP 7112203	Radiological Environmental Monitoring Program		06/23/2003	06/27/2003	Baseline Inspections
1	IP 71151	Performance Indicator Verification		06/23/2003	06/27/2003	Baseline Inspections
	<b>OL EP - EMERGENCY EXERCISE</b>		<b>2</b>			
1	IP 7111401	Exercise Evaluation		07/21/2003	07/25/2003	Baseline Inspections
1	IP 7111404	Emergency Action Level and Emergency Plan Changes		07/21/2003	07/25/2003	Baseline Inspections
1	IP 71151	Performance Indicator Verification		07/21/2003	07/25/2003	Baseline Inspections
	<b>LIC RENE - SECOND LICENSE RENEWAL INSPECTION</b>		<b>4</b>			
1	IP 71002	License Renewal Inspection		08/04/2003	08/22/2003	Other Routine
	<b>OL RQ - REQUAL INSPECTION</b>		<b>2</b>			
1	IP 7111111B	Licensed Operator Requalification		08/18/2003	08/22/2003	Baseline Inspections
	<b>EB2-ISI - INSERVICE INSPECTION-U1</b>		<b>1</b>			
1	IP 7111108P	Inservice Inspection Activities - PWR		10/20/2003	10/24/2003	Baseline Inspections
	<b>2515/150 - 2515/150 REV1</b>		<b>1</b>			
1	IP 2515/150	Reactor Pressure Vessel Head and Vessel Head Penetration Nozzles (NRC Bulletin 2002-0		10/27/2003	10/31/2003	Safety Issues
	<b>OL PREP - INITIAL EXAM PREP</b>		<b>2</b>			
1	V23212	SUMMER/EXAMS AT POWER FACILITIES		03/29/2004	04/02/2004	Not Applicable