



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

August 27, 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: MID-CYCLE PERFORMANCE REVIEW AND INSPECTION PLAN - VIRGIL C.  
SUMMER NUCLEAR STATION**

Dear Mr. Byrne:

On August 11, 2003, the NRC staff completed its mid-cycle plant performance assessment of the Virgil C. Summer Nuclear Station. The mid-cycle review for the Virgil C. Summer Nuclear Station involved the participation of all technical divisions in evaluating performance indicators (PIs) for the most recent quarter and inspection results for the first half of the current assessment cycle, January 1 - December 31, 2003. 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.

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 baseline inspections at your facility through September 30, 2004.

The enclosed inspection plan details the inspections scheduled through September 30, 2004. Included in the inspection plan is the inspection of your activities in response to NRC Bulletin 2002-02, "Reactor Pressure Vessel Head and Vessel Head Penetration Nozzles." 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 end-of-cycle review meeting.

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 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**  
**09/01/2003 - 09/30/2004**

Unit Number	Inspection Activity	Title	No. of Staff on Site	Planned Dates		Inspection Type
				Start	End	
	<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>PS-RP - RAD PROTECTION AND OUTAGE ASSESSMENT</b>		<b>1</b>			
1	IP 7112101	Access Control to Radiologically Significant Areas		11/03/2003	11/07/2003	Baseline Inspections
1	IP 7112102	ALARA Planning and Controls		11/03/2003	11/07/2003	Baseline Inspections
1	IP 71151	Performance Indicator Verification		11/03/2003	11/07/2003	Baseline Inspections
	<b>PS-SEC - SECURITY</b>		<b>2</b>			
1	IP 7113002	Access Control (Search of Personnel, Packages, and Vehicles: Identification and Authorizat		12/08/2003	12/12/2003	Baseline Inspections
1	IP 7113003	Response to Contingency Events (Protective Strategy and Implementation of Protective Stræ		12/08/2003	12/12/2003	Baseline Inspections
	<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
	<b>PI&amp;R - BAGMAN - PI&amp;R</b>		<b>1</b>			
1	IP 71152B	Identification and Resolution of Problems		04/05/2004	04/09/2004	Baseline Inspections
	<b>OL EXAM - INITIAL EXAM</b>		<b>2</b>			
1	V23212	SUMMER/EXAMS AT POWER FACILITIES		04/19/2004	04/23/2004	Not Applicable
	<b>PI&amp;R - PROBLEM IDENTIFICATION &amp; RESOLUTION</b>		<b>6</b>			
1	IP 71152B	Identification and Resolution of Problems		04/26/2004	04/30/2004	Baseline Inspections
1	IP 71152B	Identification and Resolution of Problems		05/10/2004	05/14/2004	Baseline Inspections
	<b>EB1-TFP - TFP PRE-INSPECTION VISIT</b>		<b>4</b>			
1	IP 7111105T	Fire Protection		05/17/2004	05/21/2004	Baseline Inspections
	<b>EB1-TFP - TRIENNIAL FIRE PROTECTION</b>		<b>4</b>			
1	IP 7111105T	Fire Protection		06/07/2004	06/11/2004	Baseline Inspections
1	IP 7111105T	Fire Protection		06/21/2004	06/25/2004	Baseline Inspections
	<b>OL EP - EP INSPECTION</b>		<b>1</b>			
1	IP 7111402	Alert and Notification System Testing		07/12/2004	07/16/2004	Baseline Inspections
1	IP 7111403	Emergency Response Organization Augmentation Testing		07/12/2004	07/16/2004	Baseline Inspections
1	IP 7111404	Emergency Action Level and Emergency Plan Changes		07/12/2004	07/16/2004	Baseline Inspections
1	IP 7111405	Correction of Emergency Preparedness Weaknesses and Deficiencies		07/12/2004	07/16/2004	Baseline Inspections
1	IP 71151	Performance Indicator Verification		07/12/2004	07/16/2004	Baseline Inspections
	<b>EB2-MR - MAINTENANCE RULE</b>		<b>1</b>			
1	IP 711112B	Maintenance Effectiveness		08/23/2004	08/27/2004	Baseline Inspections

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