



UNITED STATES  
NUCLEAR REGULATORY COMMISSION

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

May 31, 2001

South Carolina Electric & Gas Company  
ATT.: Mr. Stephen A. Byrne  
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  
(NRC INSPECTION REPORT NO. 50-395/01-01)

Dear Mr. Byrne:

On May 2, 2001, the NRC staff completed its end-of-cycle plant performance assessment of the Virgil C. Summer Nuclear Station. The end-of-cycle review for Summer involved the participation of all technical divisions in evaluating performance indicators (PIs) and inspection results for the period of April 2, 2000, to March 31, 2001. 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 which may conflict with your plant activities.

Overall, Summer operated in a manner that preserved public health and safety and fully met all cornerstone objectives. Plant performance for the most recent quarter was in the Regulatory Response Column of the NRC's Action Matrix, based on a White PI (Safety System Unavailability - Heat Removal System (Auxiliary Feedwater System)) in the Mitigating Systems Cornerstone. The major contributor to the unavailability was the turbine-driven auxiliary feedwater pump being inoperable for approximately 48 days in the second quarter (July 1 to September 30, 2000). The pump was inoperable due to its manual discharge valve being closed. A White inspection finding of low to moderate safety significance was identified in the second quarter for this issue. Because the Significance Determination Process characterization of this finding pertains to the same underlying issue as the performance indicator, the NRC considers this to be a single White issue within the Mitigating Systems Cornerstone. A supplemental inspection per Inspection Procedure 95001 has been recently completed. The results of that inspection will be documented in NRC Inspection Report No.

50-395/01-07. During the most recent quarter and the previous three quarters, all other inspection findings were classified as having very low safety significance (Green) and all other PIs indicated performance at a level requiring no additional NRC oversight (Green). Therefore, we plan to conduct only baseline inspections at your facility through May 31, 2002. Additional inspection activities may be warranted based upon the results of the supplemental inspection.

The enclosed inspection plan details the scheduled inspections that will occur through May 31, 2002. This 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.

For your information, the NRC is in the process of aligning the inspection and assessment cycle with the calendar year (CY). In order to transition to a CY cycle (January 1 - December 31), the current inspection and assessment cycle will consist of only three quarters (i.e., the second, third, and fourth calendar quarters of CY 2001). As a result, for this transition period, the number of inspection activities have been modified accordingly and a mid-cycle review letter and accompanying inspection plan will not be issued.

If circumstances arise which cause us to change our inspection plan, we will contact you to discuss the change as soon as possible. Please contact me at (404) 562-4501 with any questions you may have regarding this letter or the inspection plan.

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/NRC/ADAMS/index.html> (the Public Electronic Reading Room).

Sincerely,

/RA/

Loren R. Plisco, Director  
Division of Reactor Projects

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

Enclosure: Virgil C. Summer Nuclear Station  
Inspection/Activity Plan

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cc w/encl. continued: See page 3

cc w/encl. continued:

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**Summer**  
**Inspection / Activity Plan**  
**06/04/2001 - 05/31/2002**

Unit Number	Inspection Activity	Title	No. of Staff on Site	Planned Dates Start	Planned Dates End	Inspection Type
	<b>BR5-FLD - FLOOD PROTECTION MEASURES</b>		<b>1</b>			
1	IP 7111106	Flood Protection Measures		07/16/2001	07/20/2001	Baseline Inspections
	<b>OL EP - EMERGENCY PREPAREDNESS</b>		<b>2</b>			
1	IP 7111401	Exercise Evaluation		07/16/2001	07/20/2001	Baseline Inspections
1	IP 7111404	Emergency Action Level and Emergency Plan Changes		07/16/2001	07/20/2001	Baseline Inspections
1	IP 71151	Performance Indicator Verification		07/16/2001	07/20/2001	Baseline Inspections
	<b>FERC - FERC DAM INSPECTION</b>		<b>2</b>			
1	IP 62002	Inspection Of Structures, Passive Components, And Civil Engineering Features At Nuclear Pow		07/25/2001	07/25/2001	Supplemental Program
	<b>PS-RP - RADIATION PROTECTION</b>		<b>1</b>			
1	IP 7112101	Access Control to Radiologically Significant Areas		08/06/2001	08/10/2001	Baseline Inspections
1	IP 7112102	ALARA Planning and Controls		08/06/2001	08/10/2001	Baseline Inspections
1	IP 71151	Performance Indicator Verification		08/06/2001	08/10/2001	Baseline Inspections
	<b>OL RQ - REQUAL INSPECTION</b>		<b>2</b>			
1	IP 7111111B	Licensed Operator Requalification		08/20/2001	08/24/2001	Baseline Inspections
	<b>EB-FP - FIRE PROTECTION PRE-INSPECTION VISIT</b>		<b>6</b>			
1	IP 7111105T	Fire Protection		09/10/2001	09/14/2001	Baseline Inspections
	<b>PS-SEC - SECURITY</b>		<b>2</b>			
1	IP 7113003	Response to Contingency Events (Protective Strategy and Implementation of Protective Strategy)		09/24/2001	09/28/2001	Baseline Inspections
	<b>BR5-AW - ADVERSE WEATHER PROTECTION</b>		<b>1</b>			
1	IP 7111101	Adverse Weather Protection		10/01/2001	10/05/2001	Baseline Inspections
	<b>MB HS - HEAT SINK</b>		<b>1</b>			
1	IP 7111107B	Heat Sink Performance		10/15/2001	10/18/2001	Baseline Inspections
	<b>EB-FP - FIRE PROTECTION INSPECTION</b>		<b>5</b>			
1	IP 7111105T	Fire Protection		10/15/2001	10/19/2001	Baseline Inspections
	<b>PI&amp;R - PROBLEM IDENTIFICATION &amp; RESOLUTION</b>		<b>3</b>			
1	IP 71152	Identification and Resolution of Problems		02/11/2002	02/15/2002	Baseline Inspections
	<b>PI&amp;R - PROBLEM IDENTIFICATION &amp; RESOLUTION</b>		<b>3</b>			
1	IP 71152	Identification and Resolution of Problems		02/25/2002	03/01/2002	Baseline Inspections
	<b>PS-RP - RADIATION PROTECTION</b>		<b>1</b>			
1	IP 7112101	Access Control to Radiologically Significant Areas		02/25/2002	03/01/2002	Baseline Inspections
1	IP 7112102	ALARA Planning and Controls		02/25/2002	03/01/2002	Baseline Inspections
1	IP 7112103	Radiation Monitoring Instrumentation		02/25/2002	03/01/2002	Baseline Inspections
	<b>PS-SEC - SECURITY</b>		<b>1</b>			
1	IP 7113001	Access Authorization Program (Behavior Observation Only)		03/11/2002	03/15/2002	Baseline Inspections
1	IP 7113002	Access Control (Search of Personnel, Packages, and Vehicles: Identification and Authorization)		03/11/2002	03/15/2002	Baseline Inspections
1	IP 71151	Performance Indicator Verification		03/11/2002	03/15/2002	Baseline Inspections

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

**Summer**  
**Inspection / Activity Plan**  
**06/04/2001 - 05/31/2002**

Unit Number	Inspection Activity	Title	No. of Staff on Site	Planned Dates		Inspection Type
				Start	End	
	<b>MB 50.59 - MB 50.59</b>		<b>1</b>			
1	IP 7111102	Evaluation of Changes, Tests, or Experiments		04/01/2002	04/05/2002	Baseline Inspections
	<b>MB ISI - MB ISI</b>		<b>1</b>			
1	IP 7111108	Inservice Inspection Activities		04/22/2002	04/26/2002	Baseline Inspections
	<b>PS-RP - RADIATION PROTECTION</b>		<b>1</b>			
1	IP 7112102	ALARA Planning and Controls		04/22/2002	04/26/2002	Baseline Inspections
	<b>PS-RP - RADIATION PROTECTION</b>		<b>1</b>			
1	IP 7112102	ALARA Planning and Controls		05/06/2002	05/10/2002	Baseline Inspections
1	IP 71151	Performance Indicator Verification		05/06/2002	05/10/2002	Baseline Inspections