



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

August 30, 2004

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 4, 2004, the NRC staff completed its mid-cycle plant performance assessment of the Virgil C. Summer Nuclear Station. The mid-cycle review for V. C. Summer involved the participation of all technical divisions in evaluating performance for the first half of the calendar year 2004 assessment cycle. The process included a review of 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 will allow you an opportunity to prepare for these inspections and to inform us of any planned inspections that may conflict with your plant activities. This performance review and the enclosed inspection plan do not include physical protection information. A separate mid-cycle performance review letter, designated and marked as "Proprietary Information in accordance with 10 CFR 2.390(d)(1)", will include the physical protection review and a resultant inspection plan.

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 only baseline inspections at your facility through March 31, 2006. We also plan on conducting several activities which are not part of the routine baseline inspection program. These activities include a pilot engineering inspection in place of the baseline Safety System Design Performance and Capability (SSDPC) inspection and initial operator examinations.

The enclosed inspection plan details the inspections, less those related to physical protection, scheduled through March 31, 2006. 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 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 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: Summer Inspection/Activity Plan

cc w/encl:

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Summer
Inspection / Activity Plan
09/01/2004 - 03/31/2006

Unit Number	Inspection Activity	Title	No. of Staff on Site	Planned Dates		Inspection Type
				Start	End	
	EB1SSDPC - TI 2515/158 PRE-INSPECTION VISIT		2			
1	IP 2515/158	Functional Review of Low Margin/Risk Significant Components and Human Actions		10/04/2004	10/08/2004	Safety Issues
	EB1SSDPC - PILOT ENGINEERING INSPECTION		7			
1	IP 2515/158	Functional Review of Low Margin/Risk Significant Components and Human Actions		10/25/2004	10/29/2004	Safety Issues
1	IP 2515/158	Functional Review of Low Margin/Risk Significant Components and Human Actions		11/01/2004	11/05/2004	Safety Issues
1	IP 2515/158	Functional Review of Low Margin/Risk Significant Components and Human Actions		11/15/2004	11/19/2004	Safety Issues
	PS-RP - RP PUBLIC BASELINE		5			
1	IP 7112101	Access Control to Radiologically Significant Areas		11/29/2004	12/03/2004	Baseline Inspections
1	IP 7112103	Radiation Monitoring Instrumentation and Protective Equipment		11/29/2004	12/03/2004	Baseline Inspections
1	IP 7112201	Radioactive Gaseous and Liquid Effluent Treatment and Monitoring Systems		11/29/2004	12/03/2004	Baseline Inspections
1	IP 7112203	Radiological Environmental Monitoring Program		11/29/2004	12/03/2004	Baseline Inspections
1	IP 71151	Performance Indicator Verification		11/29/2004	12/03/2004	Baseline Inspections
	EB2-ISI - INSERVICE INSPECTION		1			
1	IP 7111108P	Inservice Inspection Activities - PWR		04/18/2005	04/22/2005	Baseline Inspections
	PS-RP - RP OCCUPATIONAL - WEEK 1		2			
1	IP 7112101	Access Control to Radiologically Significant Areas		04/25/2005	04/29/2005	Baseline Inspections
1	IP 7112102	ALARA Planning and Controls		04/25/2005	04/29/2005	Baseline Inspections
1	IP 7112202	Radioactive Material Processing and Transportation		04/25/2005	04/29/2005	Baseline Inspections
1	IP 71151	Performance Indicator Verification		04/25/2005	04/29/2005	Baseline Inspections
	EB2SGISI - STEAM GENERATOR ISI		1			
1	IP 7111108P	Inservice Inspection Activities - PWR		05/02/2005	05/06/2005	Baseline Inspections
	PS-RP - RP OCCUPATIONAL BASELINE - WEEK 2		2			
1	IP 7112101	Access Control to Radiologically Significant Areas		05/09/2005	05/13/2005	Baseline Inspections
1	IP 7112102	ALARA Planning and Controls		05/09/2005	05/13/2005	Baseline Inspections
1	IP 7112202	Radioactive Material Processing and Transportation		05/09/2005	05/13/2005	Baseline Inspections
1	IP 71151	Performance Indicator Verification		05/09/2005	05/13/2005	Baseline Inspections
	PS-RP - RP OCCUPATIONAL - WEEK 2		2			
1	IP 7112101	Access Control to Radiologically Significant Areas		05/16/2005	05/20/2005	Baseline Inspections
1	IP 7112102	ALARA Planning and Controls		05/16/2005	05/20/2005	Baseline Inspections
1	IP 7112202	Radioactive Material Processing and Transportation		05/16/2005	05/20/2005	Baseline Inspections
1	IP 71151	Performance Indicator Verification		05/16/2005	05/20/2005	Baseline Inspections
	EB2-HS - HEAT SINK		1			
1	IP 7111107B	Heat Sink Performance		05/23/2005	05/28/2005	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
09/01/2004 - 03/31/2006

Unit Number	Inspection Activity	Title	No. of Staff on Site	Planned Dates		Inspection Type
				Start	End	
	OL EP	- EMERGENCY EXERCISE	2			
1	IP 7111401	Exercise Evaluation		07/18/2005	07/22/2005	Baseline Inspections
1	IP 7111404	Emergency Action Level and Emergency Plan Changes		07/18/2005	07/22/2005	Baseline Inspections
1	IP 71151	Performance Indicator Verification		07/18/2005	07/22/2005	Baseline Inspections
	OL RQ	- REQUAL INSPECTION	2			
1	IP 7111111B	Licensed Operator Requalification Program		08/15/2005	08/19/2005	Baseline Inspections
	EB2-MODS	- MODIFICATIONS/10CFR50.59	4			
1	IP 7111102	Evaluation of Changes, Tests, or Experiments		10/03/2005	10/07/2005	Baseline Inspections
1	IP 711117B	Permanent Plant Modifications		10/03/2005	10/07/2005	Baseline Inspections
	OL PREP	- INITIAL EXAM PREP	3			
1	V23212	SUMMER/EXAMS AT POWER FACILITIES		11/28/2005	12/03/2005	Not Applicable
	OL EXAM	- INITIAL EXAM	3			
1	V23212	SUMMER/EXAMS AT POWER FACILITIES		12/12/2005	12/16/2005	Not Applicable