



UNITED STATES
NUCLEAR REGULATORY COMMISSION

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

March 2, 2006

Southern Nuclear Operating Company, Inc.
ATTN: Mr. D. E. Grissette
Vice President - Vogtle Project
P. O. Box 1295
Birmingham, AL 35201-1295

SUBJECT: ANNUAL ASSESSMENT LETTER - VOGTLE ELECTRIC GENERATING
PLANT (NRC INSPECTION REPORT 05000424/2006001 and
05000425/2006001)

Dear Mr. Grissette:

On February 7, 2006, the NRC staff completed its performance review of the Vogtle Electric Generating Plant. Our technical staff reviewed performance indicators (PIs) for the most recent quarter and inspection results for the period from January 1 through December 31, 2005. 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 enclosed inspection plan do not include physical protection information. A separate letter, designated and marked as "Official Use Only - Security-Related Information," will include the physical protection performance review and resultant inspection plan.

Overall, Vogtle Units 1 and 2 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. We based this conclusion on the fact that all inspection findings were classified as having very low safety significance (Green) and all PIs indicated performance at a level requiring no additional NRC oversight (Green). Therefore, we plan to conduct reactor oversight process (ROP) baseline inspections at your facility. We also plan on conducting several non-ROP inspections, which include containment emergency recirculation sump blockage and reactor vessel head and head penetrations.

The enclosed inspection plan details the inspections, less those related to physical protection, scheduled through September 30, 2007. The inspection plan is provided 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 nine months of the inspection plan are tentative and may be revised at the mid-cycle review. Although our intent is to maintain the enclosed inspection plan fixed for the first nine months, a need may arise to conduct one or more unanticipated inspections prior to issuing an updated inspection plan with the 2006 assessment

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ML#060610476/Enclosure

cycle mid-cycle letter. If an inspection of this type becomes necessary, we will notify you of the planned inspection dates as soon as possible to resolve, as much as we can, any scheduling and personnel availability conflicts you may have.

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) 562-4674 with any questions you may have regarding this letter or the inspection plan.

Sincerely;

/RA/

Curtis W. Rapp, Acting Chief
Reactor Projects Branch 2
Division of Reactor Projects

Docket Nos. 50-424 and 50-425
License Nos. NPF-68 and NPF-81

Enclosure: Vogtle Inspection/Activity Plan

SNC

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cc w/encl.:

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Vogle
Inspection / Activity Plan
03/01/2006 - 09/30/2007

Unit Number	Inspection Activity	Title	No. of Staff on Site	Planned Dates Start	Planned Dates End	Inspection Type
	PS2-EP - EP EXERCISE		3			
1,2	IP 7111401	Exercise Evaluation		03/20/2006	03/24/2006	Baseline Inspections
1,2	IP 7111404	Emergency Action Level and Emergency Plan Changes		03/20/2006	03/24/2006	Baseline Inspections
1,2	IP 71151	Performance Indicator Verification		03/20/2006	03/24/2006	Baseline Inspections
	EB3 PI&R - PI&R SAMPLE RHR WELD FAILURES		2			
1,2	IP 71152	Identification and Resolution of Problems		06/12/2006	06/16/2006	Baseline Inspections
	EB3-MR - MR EFFECTIVENESS		1			
1,2	IP 711112B	Maintenance Effectiveness		06/19/2006	06/23/2006	Baseline Inspections
	EB3-HS - HEAT SINK		2			
1,2	IP 7111107B	Heat Sink Performance		07/17/2006	07/21/2006	Baseline Inspections
	PSB1-RP - RP OCCUPATIONAL PRE-INSPECTION VISIT		1			
1,2	IP 7112101	Access Control to Radiologically Significant Areas		08/28/2006	08/30/2006	Baseline Inspections
	PSB1-RP - RP OCCUPATIONAL BASELINE WK1		3			
1,2	IP 7112101	Access Control to Radiologically Significant Areas		09/18/2006	09/22/2006	Baseline Inspections
1,2	IP 7112102	ALARA Planning and Controls		09/18/2006	09/22/2006	Baseline Inspections
1,2	IP 7112202	Radioactive Material Processing and Transportation		09/18/2006	09/22/2006	Baseline Inspections
1,2	IP 71151	Performance Indicator Verification		09/18/2006	09/22/2006	Baseline Inspections
	EB3-ISI - U1 INSERVICE INSPECTION		1			
1	IP 7111108P	Inservice Inspection Activities - PWR		09/25/2006	09/29/2006	Baseline Inspections
	EB3TI150 - 2515/150 U-1: RPV & VHP NOZZLES		1			
1	IP 2515/150	Reactor Pressure Vessel Head and Vessel Head Penetration Nozzles (NRC ORDER EA-03-		09/25/2006	09/29/2006	Safety Issues
	EB3SGISI - U1 STEAM GENERATOR ISI		1			
1	IP 7111108P	Inservice Inspection Activities - PWR		10/02/2006	10/06/2006	Baseline Inspections
	PSB1-RP - RP OCCUPATIONAL BASELINE WK2		2			
1,2	IP 7112101	Access Control to Radiologically Significant Areas		10/02/2006	10/06/2006	Baseline Inspections
1,2	IP 7112102	ALARA Planning and Controls		10/02/2006	10/06/2006	Baseline Inspections
1,2	IP 7112202	Radioactive Material Processing and Transportation		10/02/2006	10/06/2006	Baseline Inspections
1,2	IP 71151	Performance Indicator Verification		10/02/2006	10/06/2006	Baseline Inspections
	EB1-SUMP - PWR CONTAINMENT SUMP BLOCKAGE TI (U-1)		1			
1	IP 71111	Reactor Safety-Initiating Events, Mitigating Systems, Barrier Integrity		10/15/2006	10/20/2006	Baseline Inspections
	PB2-PI&R - BIENNIAL PI&R PROGRAM INSPECTION		4			
1,2	IP 71152B	Identification and Resolution of Problems		01/29/2007	02/02/2007	Baseline Inspections
1,2	IP 71152B	Identification and Resolution of Problems		02/12/2007	02/16/2007	Baseline Inspections
	EB1-MODS - MODIFICATIONS-10CFR50.59		3			
1,2	IP 7111102	Evaluation of Changes, Tests, or Experiments		01/22/2007	01/26/2007	Baseline Inspections

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

Enclosure

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Inspection / Activity Plan
03/01/2006 - 09/30/2007

Unit Number	Inspection Activity	Title	No. of Staff on Site	Planned Dates Start	Planned Dates End	Inspection Type
	EB1-MODS - MODIFICATIONS-10CFR50.59		3			
1,2	IP 7111117B	Permanent Plant Modifications		01/22/2007	01/26/2007	Baseline Inspections
	EB3-ISI - U2 INSERVICE INSPECTION		1			
2	IP 7111108P	Inservice Inspection Activities - PWR		03/12/2007	03/16/2007	Baseline Inspections
	EB3TI150 - 2515/150 U-2: RPV & VHP NOZZLES		1			
2	IP 2515/150	Reactor Pressure Vessel Head and Vessel Head Penetration Nozzles (NRC ORDER EA-03-		03/12/2007	03/16/2007	Safety Issues
	PS2-EP - EP INSP		1			
1,2	IP 7111402	Alert and Notification System Testing		03/19/2007	03/23/2007	Baseline Inspections
1,2	IP 7111403	Emergency Response Organization Augmentation Testing		03/19/2007	03/23/2007	Baseline Inspections
1,2	IP 7111404	Emergency Action Level and Emergency Plan Changes		03/19/2007	03/23/2007	Baseline Inspections
1,2	IP 7111405	Correction of Emergency Preparedness Weaknesses and Deficiencies		03/19/2007	03/23/2007	Baseline Inspections
1,2	IP 71151	Performance Indicator Verification		03/19/2007	03/23/2007	Baseline Inspections
	EB3SGISI - U2 STEAM GENERATOR ISI		1			
2	IP 7111108P	Inservice Inspection Activities - PWR		03/19/2007	03/23/2007	Baseline Inspections
	EB1-SUMP - PWR CONTAINMENT SUMP BLOCKAGE TI (U-2)		1			
2	IP 71111	Reactor Safety-Initiating Events, Mitigating Systems, Barrier Integrity		04/01/2007	04/06/2007	Baseline Inspections
	EB1-CDB - COMPONENT DESIGN BASES INSPECTION		6			
1,2	IP 7111121	Component Design Bases Inspection		04/09/2007	04/13/2007	Baseline Inspections
1,2	IP 7111121	Component Design Bases Inspection		04/23/2007	04/27/2007	Baseline Inspections
1,2	IP 7111121	Component Design Bases Inspection		05/07/2007	05/11/2007	Baseline Inspections
1,2	IP 7111121	Component Design Bases Inspection		05/21/2007	05/25/2007	Baseline Inspections
	OL PREP - INITIAL EXAM PREP		4			
1	V23228	VOGTLE/EXAM AT POWER FACILITIES		07/16/2007	07/20/2007	Not Applicable
	PSB1-RP - RP PUBLIC PRE-INSP VISIT		1			
1,2	IP 7112101	Access Control to Radiologically Significant Areas		07/30/2007	08/01/2007	Baseline Inspections
	OL EXAM - INITIAL EXAM		4			
1	V23228	VOGTLE/EXAM AT POWER FACILITIES		08/06/2007	08/17/2007	Not Applicable
	PSB1-RP - RP PUBLIC BASELINE INSP		4			
1,2	IP 7112101	Access Control to Radiologically Significant Areas		08/20/2007	08/24/2007	Baseline Inspections
1,2	IP 7112103	Radiation Monitoring Instrumentation and Protective Equipment		08/20/2007	08/24/2007	Baseline Inspections
1,2	IP 7112201	Radioactive Gaseous and Liquid Effluent Treatment and Monitoring Systems		08/20/2007	08/24/2007	Baseline Inspections
1,2	IP 7112203	Radiological Environmental Monitoring Program (REMP) And Radioactive Material Control P		08/20/2007	08/24/2007	Baseline Inspections
1,2	IP 71151	Performance Indicator Verification		08/20/2007	08/24/2007	Baseline Inspections
	EB2-TFP - TFP - INFORMATION TRIP		5			
1,2	IP 7111105T	Fire Protection [Triennial]		09/11/2007	09/13/2007	Baseline Inspections

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Inspection / Activity Plan
03/01/2006 - 09/30/2007

Unit Number	Inspection Activity	Title	No. of Staff on Site	Planned Dates Start End	Inspection Type
OL RQ - REQUAL INSPECTION					
1,2	IP 7111111B	Licensed Operator Requalification Program	2	09/17/2007 09/21/2007	Baseline Inspections

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