



UNITED STATES
NUCLEAR REGULATORY COMMISSION
REGION II
245 PEACHTREE CENTER AVENUE NE, SUITE 1200
ATLANTA, GEORGIA 30303-1257

September 1, 2010

Mr. Tom E. Tynan
Vice President - Vogtle
Southern Nuclear Operating Company, Inc.
Vogtle Electric Generating Plant
7821 River Road
Waynesboro, GA 30830

SUBJECT: MID-CYCLE PERFORMANCE REVIEW AND INSPECTION PLAN – VOGTLE
ELECTRIC GENERATING PLANT

Dear Mr. Tynan:

On August 10, 2010, the NRC staff completed its performance review of Vogtle Electric Generating Plant. Our technical staff reviewed performance indicators (PIs) for the most recent quarter and inspection results for the period from July 1, 2009, through June 30, 2010. 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 security information. A separate letter designated and marked as "Official Use Only - Security Related Information" will include the security cornerstone review and resultant inspection plan.

Plant performance for the most recent quarter at Vogtle Units 1 and 2 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 reactor oversight process (ROP) baseline inspections at your facility. We also plan on conducting Temporary Instruction 2515/179 "Verification of Licensee Responses to NRC Requirements for Inventories of Materials Tracked in National Source Tracking System" and Operator Licensing Examinations.

The enclosed inspection plan details the inspections, less those related to physical protection scheduled through December 31, 2011. The enclosed 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 end-of-cycle review. 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) 997-4521 with any questions you may have regarding this letter or the enclosed inspection plan.

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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).

Sincerely,

/RA/

Scott M. Shaeffer, Chief
Projects Branch 2
Division of Reactor Projects

Docket Nos.: 50-424, 50-425
License Nos.: NPF-68, NPF-81

Enclosure: Vogtle Inspection/ Activity Plan

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Inspection / Activity Plan

09/01/2010 - 12/31/2011

Unit Number	Planned Dates		Inspection Activity	Title	No. of Staff on Site
	Start	End			
PSB1-RP - RP PUBLIC RADIATION PROTECTION INSP					7
1,2	01/31/2011	02/04/2011	IP 71124.05	Radiation Monitoring Instrumentation	
1,2	01/31/2011	02/04/2011	IP 71124.06	Radioactive Gaseous and Liquid Effluent Treatment	
1,2	01/31/2011	02/04/2011	IP 71124.07	Radiological Environmental Monitoring Program	
1,2	01/31/2011	02/04/2011	IP 71124.08	Radioactive Solid Waste Processing and Radioactive Material Handling, Storage, and Transportation	
1,2	01/31/2011	02/04/2011	IP 71151	Performance Indicator Verification	
PI&R - PROBLEM IDENTIFICATION AND RESOLUTION					7
1,2	02/07/2011	02/11/2011	IP 71152B	Identification and Resolution of Problems	
1,2	02/21/2011	02/25/2011	IP 71152B	Identification and Resolution of Problems	
OL EXAM - INITIAL EXAM PREP					3
1	02/14/2011	02/18/2011	V23347	VOGTLE/MARCH 2011 EXAM AT POWER FACILITIES	
EB3ISI - UNIT 1 INSERVICE INSPECTION					1
1	03/14/2011	03/18/2011	IP 7111108P	Inservice Inspection Activities - PWR	
OL EXAM - INITIAL EXAM - WEEK 1					4
1	03/14/2011	03/18/2011	V23347	VOGTLE/MARCH 2011 EXAM AT POWER FACILITIES	
EB3SGISI - UNIT 1 SG IN-SERVICE INSPECTION					1
1	03/21/2011	03/25/2011	IP 7111108P	Inservice Inspection Activities - PWR	
OL EXAM - INITIAL EXAM - WEEK 2					4
1	03/21/2011	03/25/2011	V23347	VOGTLE/MARCH 2011 EXAM AT POWER FACILITIES	
PSB1EP - EMERGENCY PREPAREDNESS INSPECTION					1
1,2	04/04/2011	04/08/2011	IP 7111402	Alert and Notification System Testing	
1,2	04/04/2011	04/08/2011	IP 7111403	Emergency Preparedness Organization Staffing and Augmentation System	
1,2	04/04/2011	04/08/2011	IP 7111404	Emergency Action Level and Emergency Plan Changes	
1,2	04/04/2011	04/08/2011	IP 7111405	Correction of Emergency Preparedness Weaknesses and Deficiencies	
1,2	04/04/2011	04/08/2011	IP 71151	Performance Indicator Verification	
MODS - MODS/50.59 INSPECTION					6
1,2	05/23/2011	05/27/2011	IP 7111117T	Evaluations of Changes, Tests, or Experiments and Permanent Plant Modifications	
1,2	06/06/2011	06/10/2011	IP 7111117T	Evaluations of Changes, Tests, or Experiments and Permanent Plant Modifications	
EB3HS - HEAT SINK					1
1,2	06/27/2011	07/01/2011	IP 7111107T	Heat Sink Performance	
OL RQ - REQUAL INSPECTION					2
1,2	08/08/2011	08/12/2011	IP 7111111B	Licensed Operator Requalification Program	
PSB1-TI - TI-179 NSTS VERIFICATION					2
1,2	09/19/2011	09/23/2011	IP 2515/179	Verification of Licensee Responses to NRC Requirement for Inventories of Materials Tracked in NSTS	

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

09/01/2010 - 12/31/2011

Unit Number	Planned Dates		Inspection Activity	Title	No. of Staff on Site
	Start	End			
			PSB1-RP - RP RADIOLOGICAL HAZARD ASSESSMENT		2
1, 2	09/19/2011	09/23/2011	IP 71124.01	Radiological Hazard Assessment and Exposure Controls	
			EB3 ISI - UNIT 2 INSERVICE INSPECTION		1
2	09/26/2011	09/30/2011	IP 7111108P	Inservice Inspection Activities - PWR	
			EB3SGISI - UNIT 2 SG INSERVICE INSPECTION		1
2	10/03/2011	10/07/2011	IP 7111108P	Inservice Inspection Activities - PWR	

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

Enclosure