



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

March 5, 2012

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

**SUBJECT: ANNUAL ASSESSMENT LETTER - VOGTLE ELECTRIC GENERATING PLANT  
UNITS 1 AND 2 (REPORT 05000424/2011007 AND 05000425/2011007)**

Dear Mr. Tynan:

On February 14, 2012, the NRC completed its end-of-cycle performance review of Vogtle Electric Generating Plant Units 1 and 2. The NRC reviewed the most recent quarterly performance indicators (PIs) in addition to inspection results and enforcement actions from January 1, 2011, through December 31, 2011. This letter informs you of the NRC's assessment of your facility during this period and its plans for future inspections at your facility. This performance review and enclosed inspection plan do not include security information. A separate letter will include the NRC's assessment of your performance in the Security Cornerstone and its security-related inspection plan.

The NRC determined that overall, Vogtle Units 1 and 2 operated in a manner that preserved public health and safety and met all cornerstone objectives. The NRC determined the performance at Vogtle Unit 1 and Unit 2 during the most recent quarter was within the Licensee Response column of the NRC's Reactor Oversight Process (ROP) Action Matrix because all inspection findings had very low (i.e., Green) safety significance, and all performance indicators (PIs) indicated that your performance was within the nominal, expected range (i.e., Green). Therefore, the NRC plans to conduct ROP baseline inspections at your facility.

The enclosed inspection plan lists the inspections scheduled through June 30, 2013. Routine inspections performed by resident inspectors are not included in the inspection plan. The inspections listed during the last nine months of the inspection plan are tentative and may be revised at the mid-cycle performance review. The NRC provides the inspection plan to allow for the resolution of any scheduling conflicts and personnel availability issues. The NRC will contact you as soon as possible to discuss changes to the inspection plan should circumstances warrant any changes. The NRC will also conduct temporary instruction 2515/177, "Managing Gas Accumulation in Emergency Core Cooling, Decay Heat Removal, And Containment Spray Systems (NRC Generic Letter 2008-01)" and operator licensing examinations.

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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).

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) 997-4611 with any questions you may have regarding this letter or the inspection plan.

Sincerely,

*/RA/*

Frank Ehrhardt, Chief  
Projects Branch 2  
Division of Reactor Projects

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

Enclosure: Vogtle Inspection/Activity Plan (01/01/2012 – 06/30/2013)

cc w/encl: (See page 3)

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(cc w/encl cont'd – See page 4)

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(cc w/encl cont'd – See page 5)

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Amy Whaley  
Resident Manager  
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**Vogle**  
**Inspection / Activity Plan**  
**03/01/2012 - 06/30/2013**

Unit Number	Planned Dates		Inspection Activity	Title	No. of Staff on Site
	Start	End			
			<b>OL EXAM - INITIAL EXAM PREP</b>		<b>4</b>
1	02/27/2012	03/02/2012	V23368	VOGTLE / MARCH 2012 EXAM AT POWER FACILITIES	
			<b>PSB1EP - EMERGENCY PREPAREDNESS EXERCISE</b>		<b>7</b>
1,2	03/19/2012	03/23/2012	IP 7111401	Exercise Evaluation	
1,2	03/19/2012	03/23/2012	IP 71151	Performance Indicator Verification	
			<b>OL EXAM - INITIAL EXAM - WEEK 1</b>		<b>3</b>
1	03/26/2012	03/30/2012	V23368	VOGTLE / MARCH 2012 EXAM AT POWER FACILITIES	
			<b>OL EXAM - INITIAL EXAM - WEEK 2</b>		<b>3</b>
1	04/09/2012	04/13/2012	V23368	VOGTLE / MARCH 2012 EXAM AT POWER FACILITIES	
			<b>OL EXAM - INITIAL EXAM - WEEK 3</b>		<b>3</b>
1	04/16/2012	04/20/2012	V23368	VOGTLE / MARCH 2012 EXAM AT POWER FACILITIES	
			<b>TI-177 - TI-177 GAS INTRUSION</b>		<b>3</b>
1,2	05/21/2012	05/25/2012	IP 2515/177	Managing Gas Accumulation In Emergency Core Cooling, Decay Heat Removal & Containment Spray System	
			<b>VOG TFPI - TRIENNIAL FIRE PROTECTION INSPECTION</b>		<b>5</b>
1,2	06/05/2012	06/05/2012	IP 7111105T	Fire Protection [Triennial]	
1,2	06/18/2012	06/22/2012	IP 7111105T	Fire Protection [Triennial]	
1,2	07/09/2012	07/13/2012	IP 7111105T	Fire Protection [Triennial]	
			<b>PSB1-RP - OCCUPATIONAL RP BASELINE WK1</b>		<b>3</b>
1,2	09/17/2012	09/21/2012	IP 71124.01	Radiological Hazard Assessment and Exposure Controls	
1,2	09/17/2012	09/21/2012	IP 71124.02	Occupational ALARA Planning and Controls	
1,2	09/17/2012	09/21/2012	IP 71124.03	In-Plant Airborne Radioactivity Control and Mitigation	
1,2	09/17/2012	09/21/2012	IP 71124.04	Occupational Dose Assessment	
1,2	09/17/2012	09/21/2012	IP 71124.05	Radiation Monitoring Instrumentation	
1,2	09/17/2012	09/21/2012	IP 71151	Performance Indicator Verification	
			<b>EB3 ISI - UNIT 1 INSERVICE INSPECTION</b>		<b>1</b>
1	09/24/2012	09/28/2012	IP 7111108P	Inservice Inspection Activities - PWR	
			<b>EB3SGISI - UNIT 1 SG INSERVICE INSPECTION</b>		<b>1</b>
1	10/01/2012	10/05/2012	IP 7111108P	Inservice Inspection Activities - PWR	
			<b>PSB1-RP - OCCUPATIONAL RP BASELINE WK2</b>		<b>3</b>
1,2	10/01/2012	10/05/2012	IP 71124.01	Radiological Hazard Assessment and Exposure Controls	
1,2	10/01/2012	10/05/2012	IP 71124.02	Occupational ALARA Planning and Controls	
1,2	10/01/2012	10/05/2012	IP 71124.03	In-Plant Airborne Radioactivity Control and Mitigation	
1,2	10/01/2012	10/05/2012	IP 71124.04	Occupational Dose Assessment	
1,2	10/01/2012	10/05/2012	IP 71124.05	Radiation Monitoring Instrumentation	

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

**Vogtle**  
**Inspection / Activity Plan**  
**03/01/2012 - 06/30/2013**

Unit Number	Planned Dates		Inspection Activity	Title	No. of Staff on Site
	Start	End			
			<b>PSB1-RP - OCCUPATIONAL RP BASELINE WK2</b>		<b>3</b>
1,2	10/01/2012	10/05/2012	IP 71151	Performance Indicator Verification	
			<b>TI-182 - TI-182 BURIED PIPING/TANK - PHASE 1</b>		<b>1</b>
1,2	01/21/2013	01/25/2013	IP 2515/182	Review of the Implementation of the Industry Initiative to Control Degradation of Underground Piping	
			<b>PI&amp;R - PROBLEM IDENTIFICATION AND RESOLUTION</b>		<b>5</b>
1,2	01/21/2013	01/25/2013	IP 71152B	Problem Identification and Resolution	
1,2	02/04/2013	02/08/2013	IP 71152B	Problem Identification and Resolution	
			<b>OL EXAM - INITIAL EXAM PREP</b>		<b>3</b>
1	03/04/2013	03/08/2013	V23404	VOGTLE/MARCH 2013 EXAM AT POWER FACILITIES	
			<b>PSB1-RP - RAD HAZARDS ANALYSIS AND TRANSPORTATION</b>		<b>2</b>
1,2	03/11/2013	03/15/2013	IP 71124.01	Radiological Hazard Assessment and Exposure Controls	
1,2	03/11/2013	03/15/2013	IP 71124.08	Radioactive Solid Waste Processing and Radioactive Material Handling, Storage, and Transportation	
1,2	03/11/2013	03/15/2013	IP 71151	Performance Indicator Verification	
			<b>ISI - UNIT 2 INSERVICE INSPECTION</b>		<b>1</b>
2	03/18/2013	03/22/2013	IP 7111108P	Inservice Inspection Activities - PWR	
			<b>OL EXAM - INITIAL EXAM WEEK 1</b>		<b>3</b>
1	03/25/2013	03/29/2013	V23404	VOGTLE/MARCH 2013 EXAM AT POWER FACILITIES	
			<b>SGISI - UNIT 2 SG INSERVICE INSPECTION</b>		<b>1</b>
2	03/25/2013	03/29/2013	IP 7111108P	Inservice Inspection Activities - PWR	
			<b>OL EXAM - INITIAL EXAM WEEK 2</b>		<b>3</b>
1	04/01/2013	04/05/2013	V23404	VOGTLE/MARCH 2013 EXAM AT POWER FACILITIES	
			<b>PSB1-RP - RP PUBLIC RAD SAFETY BASELINE</b>		<b>5</b>
1,2	04/15/2013	04/19/2013	IP 71124.06	Radioactive Gaseous and Liquid Effluent Treatment	
1,2	04/15/2013	04/19/2013	IP 71124.07	Radiological Environmental Monitoring Program	
1,2	04/15/2013	04/19/2013	IP 71151	Performance Indicator Verification	

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This report shows only on-site and announced inspection procedures.