



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

September 1, 2009

Mr. Tom E. Tynan  
Vice President  
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 11, 2009, 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, 2008 through June 30, 2009. 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 performance 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).

The enclosed inspection plan details the inspection, less those related to physical protection scheduled through December 31, 2010. In addition to reactor oversight process (ROP) baseline inspection activities, we also plan on conducting infrequently performed inspections, which include Temporary Instruction (TI) 2515/172, Reactor Coolant System Dissimilar Metal Butt Welds; TI 2515/173, Review of the Implementation of the Industry Groundwater Protection Voluntary Initiative; and operator licensing inspections. 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.

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).

As you may know, the NRC is currently evaluating the scope and frequency of all the baseline inspection procedures. If the results of the evaluation, or any other circumstances, cause us to change the inspection plan, we will contact you to discuss the change as soon as possible. Please contact me at 404-562-4521 with any questions you may have regarding this letter or the inspection plan.

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

cc w/Encl.: (See page 3)

Enclosure: Vogtle Inspection/ Activity Plan

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**Vogtle**  
**Inspection / Activity Plan**  
**07/01/2009 - 12/31/2010**

Unit Number	Planned Dates		Inspection Activity	Title	No. of Staff on Site
	Start	End			
			<b>OL RQ - REQUAL INSPECTION</b>		<b>3</b>
1,2	07/13/2009	07/17/2009	IP 7111111B	Licensed Operator Requalification Program	
			<b>PSB1-RP - RADIATION PROTECTION PUBLIC INSPECTION</b>		<b>3</b>
1,2	07/13/2009	07/17/2009	IP 7112103	Radiation Monitoring Instrumentation and Protective Equipment	
1,2	07/13/2009	07/17/2009	IP 7112201	Radioactive Gaseous and Liquid Effluent Treatment and Monitoring Systems	
1,2	07/13/2009	07/17/2009	IP 7112203	Radiological Environmental Monitoring Program (REMP) And Radioactive Material Control Program	
1,2	07/13/2009	07/17/2009	IP 71151	Performance Indicator Verification	
			<b>EB3ISI - UNIT 1 INSERVICE INSPECTION</b>		<b>2</b>
1	09/28/2009	10/02/2009	IP 7111108P	Inservice Inspection Activities - PWR	
			<b>EB3TI172 - TI-172 RCS DM BUTT WELDS</b>		<b>1</b>
1	09/28/2009	10/02/2009	IP 2515/172	Reactor Coolant System Dissimilar Metal Butt Welds	
			<b>PSB1-RP - RP ACCESS CONTROLS INSPECTION (OUTAGE)</b>		<b>1</b>
1,2	09/28/2009	10/02/2009	IP 2515/173	Review of the Implementation of the Industry Ground Water Protection Voluntary Initiative	
1,2	09/28/2009	10/02/2009	IP 7112101	Access Control to Radiologically Significant Areas	
1,2	09/28/2009	10/02/2009	IP 71151	Performance Indicator Verification	
			<b>PSB1-RP - RP GROUNDWATER PROTECTION</b>		<b>1</b>
1,2	10/05/2009	10/07/2009	IP 2515/173	Review of the Implementation of the Industry Ground Water Protection Voluntary Initiative	
			<b>EB3SGISI - UNIT 1 STEAM GENERATOR INSERVICE INSP</b>		<b>1</b>
1	10/05/2009	10/09/2009	IP 7111108P	Inservice Inspection Activities - PWR	
			<b>OL EXAM - INITIAL EXAM PREP</b>		<b>3</b>
1	02/01/2010	02/05/2010	V23358	VOGTLE/FEBRUARY 2010 EXAM AT POWER FACILITIES	
			<b>OL EXAM - INITIAL EXAM WEEK</b>		<b>3</b>
1	02/22/2010	02/26/2010	V23358	VOGTLE/FEBRUARY 2010 EXAM AT POWER FACILITIES	
			<b>PSB1-RP - RP OCCUPATIONAL BASELINE WEEK1</b>		<b>4</b>
1,2	03/08/2010	03/12/2010	IP 7112101	Access Control to Radiologically Significant Areas	
1,2	03/08/2010	03/12/2010	IP 7112102	ALARA Planning and Controls	
1,2	03/08/2010	03/12/2010	IP 7112202	Radioactive Material Processing and Transportation	
1,2	03/08/2010	03/12/2010	IP 71151	Performance Indicator Verification	
			<b>EB3ISI - UNIT 2 INSERVICE INSPECTION</b>		<b>1</b>
2	03/15/2010	03/19/2010	IP 7111108P	Inservice Inspection Activities - PWR	
			<b>EB3TI172 - TI-172 RCS DM BUTT WELDS</b>		<b>1</b>
2	03/15/2010	03/19/2010	IP 2515/172	Reactor Coolant System Dissimilar Metal Butt Welds	
			<b>EB3SGISI - UNIT 2 SGISI</b>		<b>1</b>
2	03/22/2010	03/26/2010	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

**Vogle**  
**Inspection / Activity Plan**  
**07/01/2009 - 12/31/2010**

Unit Number	Planned Dates		Inspection Activity	Title	No. of Staff on Site
	Start	End			
<b>PSB1-RP - RP OCCUPATIONAL BASELINE WEEK 2</b>					<b>2</b>
1,2	03/22/2010	03/26/2010	IP 7112101	Access Control to Radiologically Significant Areas	
1,2	03/22/2010	03/26/2010	IP 7112102	ALARA Planning and Controls	
1,2	03/22/2010	03/26/2010	IP 7112202	Radioactive Material Processing and Transportation	
1,2	03/22/2010	03/26/2010	IP 71151	Performance Indicator Verification	
<b>PSB1EP - EMERGENCY PREPAREDNESS EXERCISE</b>					<b>3</b>
1,2	05/17/2010	05/21/2010	IP 7111401	Exercise Evaluation	
1,2	05/17/2010	05/21/2010	IP 7111404	Emergency Action Level and Emergency Plan Changes	
1,2	05/17/2010	05/21/2010	IP 71151	Performance Indicator Verification	
<b>EB1-CDBI - COMPONENT DESIGN BASES INSPECTION</b>					<b>7</b>
1,2	05/31/2010	06/04/2010	IP 7111121	Component Design Bases Inspection	
1,2	06/14/2010	06/18/2010	IP 7111121	Component Design Bases Inspection	
1,2	06/28/2010	07/02/2010	IP 7111121	Component Design Bases Inspection	
1,2	07/12/2010	07/16/2010	IP 7111121	Component Design Bases Inspection	
<b>FP - TFPI</b>					<b>5</b>
1,2	08/02/2010	08/06/2010	IP 7111105T	Fire Protection [Triennial]	
1,2	08/16/2010	08/20/2010	IP 7111105T	Fire Protection [Triennial]	

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

Enclosure