



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

September 4, 2012

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 (NRC INSPECTION REPORT 05000424,  
425/2012006)

Dear Mr. Tynan:

On August 14, 2012, the NRC completed its mid-cycle performance review of Vogtle Electric Generating Plant. The NRC reviewed the most recent quarterly performance indicators (PIs) in addition to inspection results and enforcement actions from July 1, 2011, through June 30, 2012. 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 assessment reflects the integration of the Security Cornerstone into the IMC 0305, "Reactor Oversight Process." ROP performance assessment program governed by IMC 0305, "Operating Reactor Assessment Program."

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 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 December 31, 2013. Routine inspections performed by resident inspectors are not included in the inspection plan. In addition to the baseline inspections, consistent with the Agency's actions related to Fukushima, the NRC will perform TI-187, "Inspection of Near-Term Task Force Recommendation 2.3 Flooding Walkdowns" and TI-188 "Inspection of Near-Term Task Force Recommendation 2.3 Seismic Walkdowns." The NRC also plans to conduct Initial Operator License Examinations, and TI-182 "Review of the Implementation of the Industry Initiative to Control Degradation of Underground Piping and Tanks." The inspections listed during the last nine months of the inspection plan are tentative and may be revised at the end-of-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. This inspection plan does not include security related inspections, which will be sent via separate, non-publicly available correspondence.

T. Tynan

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In accordance with 10 CFR 2.390 of the NRC's "Rules of Practice," a copy of this letter will be 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).

Please contact me at (404) 997-4611 with any questions you have regarding this letter.

Sincerely,

**/RA/**

Frank Ehrhardt, 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 (09/01/2012 – 12/31/2013)

cc w/encl: (See page 3)

T. Tynan

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cc w/encl: (See page 3)

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OFFICE	RII:RDP	RII:DRP					
SIGNATURE	TXL /RA/	FJE /RA/					
NAME	TLighty	FEhrhardt					
DATE	08/24/2012	08/27/2012					
E-MAIL COPY?	YES      NO	YES      NO	YES      NO	YES      NO	YES      NO	YES      NO	YES      NO

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MID CYCLE LTR 2012.DOCX

DOCUMENT NAME: G:\DRPI\RPB2\VOGTLE\MID & END CYCLE\2012\MIDCYCLE\VOGTLE

T. Tynan

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Letter to Tom E. Tynan from Frank Ehrhardt dated September 4, 2012

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Distribution w/encl:

C. Evans, RII

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ROP Assessment

Institute of Nuclear Power Operations (INPO)

## Vogtle

## Inspection / Activity Plan

09/01/2012 - 12/31/2013

Unit Number	Planned Dates Start End	Inspection Activity	Title	No. of Staff on Site
		<b>PSB1-RP - OCCUPATIONAL RP BASELINE WK1</b>		3
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 AND RVH EXAM</b>		2
1	09/24/2012 09/28/2012	IP 7111108P	Inservice Inspection Activities - PWR	
		<b>EB3SGISI - UNIT 1 SG INSERVICE INSPECTION</b>		1
1	10/01/2012 10/05/2012	IP 7111108P	Inservice Inspection Activities - PWR	
		<b>PSB1-RP - OCCUPATIONAL RP BASELINE WK2</b>		2
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	
1, 2	10/01/2012 10/05/2012	IP 71151	Performance Indicator Verification	
		<b>ISFSI - ISFSI PAD CONSTRUCTION</b>		2
1, 2	10/29/2012 11/02/2012	IP 60855.1	Operation of an Independent Spent Fuel Storage Installation at Operating Plants	
		<b>TI-182 - TI-182 BURIED PIPING/TANK - PHASE 1</b>		1
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>		5
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>PSB1-RP - RAD HAZARDS ANALYSIS AND TRANSPORTATION</b>		2
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 AND RVH EXAM</b>		2
2	03/18/2013 03/22/2013	IP 7111108P	Inservice Inspection Activities - PWR	
		<b>OL EXAM - INITIAL EXAM PREP</b>		3
1	03/25/2013 03/29/2013	V23404	VOGTLE/MARCH 2013 EXAM AT POWER FACILITIES	

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

Enclosure



## Vogtle

## Inspection / Activity Plan

09/01/2012 - 12/31/2013

Unit Number	Planned Dates Start End	Inspection Activity	Title	No. of Staff on Site
2	03/25/2013 03/29/2013	<b>SGISI</b> IP 7111108P	<b>- UNIT 2 SG INSERVICE INSPECTION</b> Inservice Inspection Activities - PWR	1
1, 2	04/01/2013 04/05/2013	<b>EP</b> IP 71111402	<b>- EMERGENCY PREPAREDNESS INSPECTION</b> Alert and Notification System Testing	1
1, 2	04/01/2013 04/05/2013	IP 71111403	Emergency Preparedness Organization Staffing and Augmentation System	
1, 2	04/01/2013 04/05/2013	IP 71111405	Correction of Emergency Preparedness Weaknesses and Deficiencies	
1, 2	04/01/2013 04/05/2013	IP 711151	Performance Indicator Verification	
1	04/15/2013 04/19/2013	<b>OL EXAM</b> V23404	<b>- INITIAL EXAM WEEK 1</b> VOGTLE/MARCH 2013 EXAM AT POWER FACILITIES	3
1	04/29/2013 05/03/2013	<b>OL EXAM</b> V23404	<b>- INITIAL EXAM WEEK 2</b> VOGTLE/MARCH 2013 EXAM AT POWER FACILITIES	3
1, 2	06/24/2013 06/28/2013	<b>CDBI</b> IP 7111121	<b>- COMPONENT DESIGN BASES INSPECTION</b> Component Design Bases Inspection	7
1, 2	07/15/2013 07/19/2013	IP 7111121	Component Design Bases Inspection	
1, 2	07/29/2013 08/02/2013	IP 7111121	Component Design Bases Inspection	
1, 2	08/12/2013 08/16/2013	IP 7111121	Component Design Bases Inspection	
1, 2	09/02/2013 09/06/2013	<b>OL RQ</b> IP 7111111B	<b>- REQUAL INSPECTION</b> Licensed Operator Requalification Program	2
1, 2	12/09/2013 12/13/2013	<b>PSB1-RP</b> IP 71124.06	<b>- RP PUBLIC RAD SAFETY BASELINE</b> Radioactive Gaseous and Liquid Effluent Treatment	2
1, 2	12/09/2013 12/13/2013	IP 71124.07	Radiological Environmental Monitoring Program	
1, 2	12/09/2013 12/13/2013	IP 71151	Performance Indicator Verification	

Comments:

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Enclosure