



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

September 1, 2011

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 ASSESSMENT LETTER FOR VOGTLE ELECTRIC GENERATING
PLANT UNITS 1 AND 2 (REPORT 05000424/2011006, AND
05000425/2011006)**

Dear Mr. Tynan:

On August 9, 2011, 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, 2010 through June 30, 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 the performance at Vogtle Units 1 and 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, 2012. 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 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. In addition to ROP baseline inspection activities, we also plan on conducting Temporary Instruction (TI) 2515/177 "Managing Gas Accumulation in Emergency Core Cooling, Decay Heat Removal, and Containment Spray Systems," and Initial Operator License Examinations.

In the days following the Fukushima Daiichi nuclear accident in Japan, the Commission directed the staff to establish a senior-level agency task force to conduct a methodical and systematic review of the NRC's processes and regulations to determine whether the agency should make additional improvements to its regulatory system. The NRC has since completed TI-183,

“Follow-up to Fukushima Daiichi Nuclear Station Fuel Damage Event,” and TI-184, “Availability and Readiness Inspection of Severe Accident Management Guidelines (SAMGs)” at your facility. Results of these inspections can be found here: <http://www.nrc.gov/japan/japan-activities.html>. Additionally, on May 11, 2011, the agency issued NRC Bulletin 2011-01, “Mitigating Strategies,” to confirm compliance with Order EA-02-026, subsequently imposed license conditions, and 10 CFR 50.54(hh)(2), and to determine the status of licensee mitigating strategies programs. On July 12, 2011, the NRC’s Task Force made its recommendations to the Commission in its report, “Recommendations for Enhancing Reactor Safety in the 21st Century: The Near-Term Task Force Review of Insights from the Fukushima Daiichi Accident.” The Commission is currently reviewing the Task Force’s recommendations to determine whether additional actions may be warranted.

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) 997-4548 with any questions you have regarding this letter.

Sincerely,

/RA/

James Hickey, Acting 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 (09/01/2011 – 12/31/2012)

cc w/encl: (See page 3)

cc w/encl:

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Vogle
Inspection / Activity Plan
09/01/2011 - 12/31/2012

Unit Number	Planned Dates Start	Planned Dates End	Inspection Activity	Title	No. of Staff on Site
			PSB1-RP - RAD HAZARD ASSESSMENT AND INSTRUMENTS		3
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	
1, 2	09/19/2011	09/23/2011	IP 71124.01	Radiological Hazard Assessment and Exposure Controls	
1, 2	09/19/2011	09/23/2011	IP 71124.05	Radiation Monitoring Instrumentation	
			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	09/26/2011	09/30/2011	IP 7111108P	Inservice Inspection Activities - PWR	
			OL RQ - REQUAL INSPECTION		6
1, 2	10/24/2011	10/28/2011	IP 7111111B	Licensed Operator Requalification Program	
			OL EXAM - INITIAL EXAM PREP		4
1	03/05/2012	03/09/2012	V23368	VOGTLE / MARCH 2012 EXAM AT POWER FACILITIES	
			PSB1EP - EMERGENCY PREPAREDNESS EXERCISE		3
1, 2	03/19/2012	03/23/2012	IP 7111401	Exercise Evaluation	
1, 2	03/19/2012	03/23/2012	IP 7111404	Emergency Action Level and Emergency Plan Changes	
1, 2	03/19/2012	03/23/2012	IP 71151	Performance Indicator Verification	
			OL EXAM - INITIAL EXAM - WEEK 1		4
1	03/26/2012	03/30/2012	V23368	VOGTLE / MARCH 2012 EXAM AT POWER FACILITIES	
			OL EXAM - INITIAL EXAM - WEEK 2		4
1	04/09/2012	04/13/2012	V23368	VOGTLE / MARCH 2012 EXAM AT POWER FACILITIES	
			OL EXAM - INITIAL EXAM - WEEK 3		4
1	04/16/2012	04/20/2012	V23368	VOGTLE / MARCH 2012 EXAM AT POWER FACILITIES	
			TI-177 - TI-177 GAS INTRUSION		3
1, 2	05/21/2012	05/25/2012	IP 2515/177	Managing Gas Accumulation In Emergency Core Cooling, Decay Heat Removal & Containment Spray System	
			PSB1-RP - OCCUPATIONAL RP BASELINE WK1		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	
			EB3 ISI - UNIT 1 INSERVICE INSPECTION		1
1	09/24/2012	09/28/2012	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
09/01/2011 - 12/31/2012

Unit Number	Planned Dates		Inspection Activity	Title	No. of Staff on Site
	Start	End			
PSB1-RP - OCCUPATIONAL RP BASELINE WK2					3
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	
EB3SGISI - UNIT 1 SG INSERVICE INSPECTION					1
1	10/03/2012	10/07/2012	IP 7111108P	Inservice Inspection Activities - PWR	
VOG TFPI - TRIENNIAL FIRE PROTECTION INSPECTION					10
1, 2	11/26/2012	11/30/2012	IP 7111105T	Fire Protection [Triennial]	
1, 2	12/10/2012	12/10/2012	IP 7111105T	Fire Protection [Triennial]	

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

Enclosure