



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

March 4, 2011

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
(REPORT 05000424/2011001 AND 05000425/2011001)**

Dear Mr. Tynan:

On February 8, 2011, the NRC completed its end-of-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 January 1, 2010, through December 31, 2010. 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 Unit 1 and Unit 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 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, 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 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. We also plan on conducting Operator Licensing Examinations, Triennial 50.59 Modification Inspection, and TI 2515/177, "Managing Gas Accumulation In Emergency Core Cooling, Decay Heat Removal, And Containment Spray Systems (NRC Generic Letter 2008-01)."

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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) 997-4521 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 and NPF-81

Enclosure: Vogtle Inspection/Activity Plan (01/01/2011 – 06/30/2012)

cc w/encl: (See page 3)

cc w/encl:

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cc w/encl. continued next page

cc w/encl. continued:

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Unit Number	Planned Dates Start	Planned Dates End	Inspection Activity	Title	No. of Staff on Site
1, 2	01/03/2011	12/30/2011	MC&A - MC&A INSPECTION IP 7113011	Material Control and Accounting (MC&A)	2
1, 2	02/07/2011	02/11/2011	PI&R - PROBLEM IDENTIFICATION AND RESOLUTION IP 71152B	Identification and Resolution of Problems	8
1, 2	02/21/2011	02/25/2011	IP 71152B	Identification and Resolution of Problems	
1	02/14/2011	02/18/2011	OL EXAM - INITIAL EXAM PREP V23347	VOGTLE/MARCH 2011 EXAM AT POWER FACILITIES	3
1, 2	02/14/2011	02/18/2011	PSB1-RP - PUBLIC RADIATION PROTECTION BASELINE IP 71124.06	Radioactive Gaseous and Liquid Effluent Treatment	3
1, 2	02/14/2011	02/18/2011	IP 71124.07	Radiological Environmental Monitoring Program	
1, 2	02/14/2011	02/18/2011	IP 71124.08	Radioactive Solid Waste Processing and Radioactive Material Handling, Storage, and Transportation	
1, 2	02/14/2011	02/18/2011	IP 71151	Performance Indicator Verification	
1	03/14/2011	03/18/2011	EB3 ISI - UNIT 1 INSERVICE INSPECTION IP 7111108P	Inservice Inspection Activities - PWR	1
1	03/14/2011	03/18/2011	EB3SGISI - UNIT 1 SG IN-SERVICE INSPECTION IP 7111108P	Inservice Inspection Activities - PWR	1
1	03/14/2011	03/18/2011	OL EXAM - INITIAL EXAM - WEEK 1 V23347	VOGTLE/MARCH 2011 EXAM AT POWER FACILITIES	4
1	03/21/2011	03/25/2011	OL EXAM - INITIAL EXAM - WEEK 2 V23347	VOGTLE/MARCH 2011 EXAM AT POWER FACILITIES	4
1, 2	04/11/2011	04/15/2011	PSB1EP - EMERGENCY PREPAREDNESS INSPECTION IP 7111402	Alert and Notification System Testing	1
1, 2	04/11/2011	04/15/2011	IP 7111403	Emergency Preparedness Organization Staffing and Augmentation System	
1, 2	04/11/2011	04/15/2011	IP 7111404	Emergency Action Level and Emergency Plan Changes	
1, 2	04/11/2011	04/15/2011	IP 7111405	Correction of Emergency Preparedness Weaknesses and Deficiencies	
1, 2	04/11/2011	04/15/2011	IP 71151	Performance Indicator Verification	
1, 2	05/23/2011	05/27/2011	MODS - MODS/50.59 INSPECTION IP 7111117T	Evaluations of Changes, Tests, or Experiments and Permanent Plant Modifications	4
1, 2	06/06/2011	06/10/2011	IP 7111117T	Evaluations of Changes, Tests, or Experiments and Permanent Plant Modifications	
1, 2	06/27/2011	07/01/2011	EB3 HS - HEAT SINK IP 7111107T	Heat Sink Performance	1
1, 2	09/19/2011	09/23/2011	PSB1-RP - RAD HAZARD ASSESSMENT AND INSTRUMENTS IP 2515/179	Verification of License Responses to NRC Requirement for Inventories of Materials Tracked in NSTS	2
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	

This report does not include INPO and OUTAGE activities.

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

Inspection / Activity Plan

01/01/2011 - 06/30/2012

Unit Number	Planned Dates Start End	Inspection Activity	Title	No. of Staff on Site
2	09/26/2011 09/30/2011	EB3 ISI - UNIT 2 INSERVICE INSPECTION IP 7111108P	Inservice Inspection Activities - PWR	1
2	09/26/2011 09/30/2011	EB3SGISI - UNIT 2 SG INSERVICE INSPECTION IP 7111108P	Inservice Inspection Activities - PWR	1
1, 2	10/24/2011 10/28/2011	OL RQ - REQUAL INSPECTION IP 7111111B	Licensed Operator Requalification Program	6
1	03/05/2012 03/09/2012	OL EXAM - INITIAL EXAM PREP V23368	VOGTLE / MARCH 2012 EXAM AT POWER FACILITIES	3
1, 2	03/19/2012 03/23/2012	PSB1EP - EMERGENCY PREPAREDNESS EXERCISE IP 7111401	Exercise Evaluation	3
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	
1	03/26/2012 03/30/2012	OL EXAM - INITIAL EXAM - WEEK 1 V23368	VOGTLE / MARCH 2012 EXAM AT POWER FACILITIES	3
1	04/02/2012 04/06/2012	OL EXAM - INITIAL EXAM - WEEK 2 V23368	VOGTLE / MARCH 2012 EXAM AT POWER FACILITIES	3
1	04/09/2012 04/13/2012	OL EXAM - INITIAL EXAM - WEEK 3 V23368	VOGTLE / MARCH 2012 EXAM AT POWER FACILITIES	3
1, 2	05/21/2012 05/25/2012	TI-177 - TI-177 IP 2515/177	Managing Gas Accumulation In Emergency Core Cooling, Decay Heat Removal & Containment Spray System	3