



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

March 4, 2015

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

**SUBJECT: ANNUAL ASSESSMENT LETTER FOR VOGTLE ELECTRIC GENERATING
PLANT UNIT 1 AND UNIT 2 (NRC INSPECTION REPORT 05000424/2014001
AND 05000425/2014001)**

Dear Mr. Taber:

On February 12, 2015, 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, 2014, through December 31, 2014. This letter informs you of the NRC's assessment of your facility during this period and its plans for future inspections at your facility.

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 safety significance (i.e., Green), 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.

Although plant performance was within the Licensee Response Column, the NRC has not yet finalized the significance of AV 05000424, 425/ 2014009-01, Shipment of a Type B quantity of RAM in a Type A Container. The final safety significance determination may affect the NRC's assessment of plant performance and the enclosed inspection plan. You will be notified by separate correspondence of our final safety significance determination.

The enclosed inspection plan lists the inspections scheduled through June 30, 2016. Routine inspections performed by resident inspectors are not included in the inspection plan. In addition to baseline inspections, the NRC will also be conducting reactor operator initial licensing examinations and Temporary Instruction 2800/041, Part 37 Materials at Part 73 Plants. 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.

This inspection plan does not include security related inspections, which will be sent via separate, non-publicly available correspondence.

Additionally, an NRC audit of licensee efforts towards compliance with Order EA-12-049, "Order Modifying Licenses with Regard to Requirements for Mitigation Strategies for Beyond-Design-Basis External Events," and Order EA-12-051, "Order Modifying Licenses with Regard to Reliable Spent Fuel Pool Instrumentation" is ongoing for various sites. The audit includes an onsite visit for the NRC staff to evaluate mitigating strategies as described in the licensee submittals, and to receive and review information relative to associated open items. This onsite audit will occur prior to the first unit at the site achieving compliance with the Orders and the audit will aid NRC staff in developing a final Safety Evaluation for the site. The audit at your site has been scheduled for the week of May 11, 2015. A site-specific audit plan for the visit will be provided in advance to allow sufficient time for preparations.

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 404-997-4482 with any questions you have regarding this letter.

Sincerely,

/RA/

Joseph Austin, Acting Chief
Reactor Projects Branch 2
Division of Reactor Projects

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

Enclosure: Vogtle Inspection/Activity Plan
(03/01/2015 – 06/30/2015)

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B. Taber

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PUBLICLY AVAILABLE NON-PUBLICLY AVAILABLE SENSITIVE NON-SENSITIVE
ADAMS: Yes ACCESSION NUMBER: _____ SUNSI REVIEW COMPLETE FORM 665 ATTACHED

OFFICE	RII:DRP	RII:DRP					
SIGNATURE	CWR1	JDA					
NAME	C. Rapp	J. Austin					
DATE	03/04/2015	03/04/2015					
E-MAIL COPY?	YES NO	YES NO					

OFFICIAL RECORD COPY DOCUMENT NAME: S:\DRP\PERIODIC ASSESSMENTS & REPORTS\EOC & MID-CYCLE\2014\END OF CYCLE\INPUT\RPB2\EOC LETTERS - FINAL\VOGTLE 2014 ASSESSMENT LETTER.DOCX

Vogle
Inspection / Activity Plan
03/01/2015 - 06/30/2016

Unit Number	Planned Dates		Inspection Activity	Title	No. of Staff on Site
	Start	End			
			PI&R - PROBLEM IDENTIFICATION AND RESOLUTION		7
1, 2	03/16/2015	03/20/2015	IP 71152B	Problem Identification and Resolution	
1, 2	03/30/2015	04/03/2015	IP 71152B	Problem Identification and Resolution	
			EP - EP PROGRAM INSPECTION		4
1, 2	05/18/2015	05/22/2015	IP 7111402	Alert and Notification System Testing	
1, 2	05/18/2015	05/22/2015	IP 7111403	Emergency Preparedness Organization Staffing and Augmentation System	
1, 2	05/18/2015	05/22/2015	IP 7111404	Emergency Action Level and Emergency Plan Changes	
1, 2	05/18/2015	05/22/2015	IP 7111405	Correction of Emergency Preparedness Weaknesses and Deficiencies	
1, 2	05/18/2015	05/22/2015	IP 71151	Performance Indicator Verification	
			RP - RP PUBLIC RAD SAFETY BASELINE		2
1, 2	06/08/2015	06/12/2015	IP 71124.06	Radioactive Gaseous and Liquid Effluent Treatment	
1, 2	06/08/2015	06/12/2015	IP 71124.07	Radiological Environmental Monitoring Program	
1, 2	06/08/2015	06/12/2015	IP 71151	Performance Indicator Verification	
			TFPI - TRIENNIEL FIRE PROTECTION INSP		4
1, 2	07/13/2015	07/17/2015	IP 7111105T	Fire Protection [Triennial]	
1, 2	07/27/2015	07/31/2015	IP 7111105T	Fire Protection [Triennial]	
			OL EXAM - INITIAL LICENSE EXAM PREP		3
1	08/03/2015	08/07/2015	V23458	VOGTLE U1/AUGUST 2015 INITIAL EXAM AT POWER FACILITIES	
			OL RQ - REQUAL INSP		2
1, 2	08/24/2015	08/28/2015	IP 7111111B	Licensed Operator Requalification Program	
			OL EXAM - INITIAL LICENSE EXAM		3
1	08/31/2015	09/18/2015	V23458	VOGTLE U1/AUGUST 2015 INITIAL EXAM AT POWER FACILITIES	
			RP - RAD HAZARDS ANALYSIS AND TRANSPORTATION		2
1, 2	09/21/2015	09/25/2015	IP 71124.01	Radiological Hazard Assessment and Exposure Controls	
1, 2	09/21/2015	09/25/2015	IP 71124.08	Radioactive Solid Waste Processing and Radioactive Material Handling, Storage, and Transportation	
1, 2	09/21/2015	09/25/2015	IP 71151	Performance Indicator Verification	
			ISI - UNIT 1 IN-SERVICE INSPECTION		1
1	09/28/2015	10/02/2015	IP 7111108P	Inservice Inspection Activities - PWR	
			SGISI - UNIT 1 SG IN-SERVICE INSPECTION		1
1	10/05/2015	10/09/2015	IP 7111108P	Inservice Inspection Activities - PWR	
			RP - RP OCCUPATIONAL INSPECTION WEEK 1		2
1, 2	03/14/2016	03/17/2016	IP 71124.01	Radiological Hazard Assessment and Exposure Controls	
1, 2	03/14/2016	03/17/2016	IP 71124.02	Occupational ALARA Planning and Controls	

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

Enclosure

Vogle
Inspection / Activity Plan
03/01/2015 - 06/30/2016

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RP - RP OCCUPATIONAL INSPECTION WEEK 1					2
1, 2	03/14/2016	03/17/2016	IP 71124.03	In-Plant Airborne Radioactivity Control and Mitigation	
1, 2	03/14/2016	03/17/2016	IP 71124.04	Occupational Dose Assessment	
1, 2	03/14/2016	03/17/2016	IP 71124.05	Radiation Monitoring Instrumentation	
1, 2	03/14/2016	03/17/2016	IP 71151	Performance Indicator Verification	
ISI - UNIT 2 IN-SERVICE INSPECTION & RVH EXAM					2
2	03/28/2016	04/01/2016	IP 7111108P	Inservice Inspection Activities - PWR	
RP - RP OCCUPATIONAL INSPECTION WEEK 2					3
1, 2	03/28/2016	04/01/2016	IP 71124.01	Radiological Hazard Assessment and Exposure Controls	
1, 2	03/28/2016	04/01/2016	IP 71124.02	Occupational ALARA Planning and Controls	
1, 2	03/28/2016	04/01/2016	IP 71124.03	In-Plant Airborne Radioactivity Control and Mitigation	
1, 2	03/28/2016	04/01/2016	IP 71124.04	Occupational Dose Assessment	
1, 2	03/28/2016	04/01/2016	IP 71124.05	Radiation Monitoring Instrumentation	
1, 2	03/28/2016	04/01/2016	IP 71151	Performance Indicator Verification	
SGISI - UNIT 2 SG IN-SERVICE INSPECTION					1
2	04/04/2016	04/08/2016	IP 7111108P	Inservice Inspection Activities - PWR	
EP - EP EXERCISE INSPECTION					2
1, 2	05/09/2016	05/13/2016	IP 7111401	Exercise Evaluation	
1, 2	05/09/2016	05/13/2016	IP 7111404	Emergency Action Level and Emergency Plan Changes	
1, 2	05/09/2016	05/13/2016	IP 71151	Performance Indicator Verification	

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