



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

March 4, 2014

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 FOR VOGTLE ELECTRIC GENERATING
PLANT UNIT 1 AND UNIT 2 (NRC INSPECTION REPORT 05000424/2013001
AND 05000425/2013001)**

Dear Mr. Tynan:

On February 18, 2014, the NRC completed its end-of-cycle performance review of Vogtle Electric Generating Plant Unit 1 and Unit 2. The NRC reviewed the most recent quarterly performance indicators (PIs) in addition to inspection results and enforcement actions from January 1 through December 31, 2013. 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 (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, 2015. 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. 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" is ongoing. This audit includes an onsite component in order for the NRC to evaluate mitigating strategies as described in licensee submittals, and to receive and review information relative to associated open items. This onsite activity will occur in the

months prior to a declaration of compliance for the first unit at each site, and will aid staff in development of an ultimate Safety Evaluation for the site. The onsite component has been scheduled for the week of July 21, 2014. A site-specific audit plan for the visit will be provided in advance to allow sufficient time for preparations.

As a result of the Safety Culture Common Language Initiative, the terminology and coding of cross-cutting aspects were revised. All cross-cutting aspects identified during inspections conducted in calendar year 2014 will reflect this revision to Inspection Manual Chapter (IMC) 0310. The calendar year (CY) 2013 end-of-cycle assessments were conducted using the IMC 0310 guidance in effect in CY 2013 (dated October 28, 2011). Cross-cutting aspects identified in 2013 using the 2013 terminology will be converted to the latest revision in accordance with the cross-reference in IMC 0310 during the mid-cycle assessment review and evaluated for cross-cutting themes and potential substantive cross-cutting issues in accordance with IMC 0305.

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
(03/01/2014 – 06/30/2015)

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Enclosure: Vogtle Inspection/Activity Plan
 (03/01/2014 – 06/30/2015)

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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	RII:DRP				
SIGNATURE	FJE /RA for/	JGW /RA/	FJE /RA/				
NAME	AAlen	JWorosilo	FEhrhardt				
DATE	02/25/2014	02/25/2014	02/25/2014				
E-MAIL COPY?	YES NO	YES NO	YES NO	YES NO	YES NO	YES NO	YES NO

T. Tynan

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Letter to Tom E. Tynan from Frank Ehrhardt dated March 4, 2014

SUBJECT: ANNUAL ASSESSMENT LETTER FOR VOGTLE ELECTRIC GENERATING
PLANT UNIT 1 AND UNIT 2 (NRC INSPECTION REPORT 05000424/2013001
AND 05000425/2013001)

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Institute of Nuclear Power Operations (INPO)

ROP Assessment

Unit Number	Planned Dates Start	Planned Dates End	Inspection Activity	Title	No. of Staff on Site
			RP - RP OCCUPATIONAL BASELINE		3
1, 2	03/17/2014	03/21/2014	IP 71124.01	Radiological Hazard Assessment and Exposure Controls	
1, 2	03/17/2014	03/21/2014	IP 71124.02	Occupational ALARA Planning and Controls	
1, 2	03/17/2014	03/21/2014	IP 71124.03	In-Plant Airborne Radioactivity Control and Mitigation	
1, 2	03/17/2014	03/21/2014	IP 71124.04	Occupational Dose Assessment	
1, 2	03/17/2014	03/21/2014	IP 71124.05	Radiation Monitoring Instrumentation	
1, 2	03/17/2014	03/21/2014	IP 71151	Performance Indicator Verification	
			ISI - UNIT 1 IN-SERVICE INSPECTION		1
1	03/24/2014	03/28/2014	IP 711108P	Inservice Inspection Activities - PWR	
			RP - RP OCCUPATIONAL BASELINE WEEK2		2
1, 2	03/31/2014	04/04/2014	IP 71124.01	Radiological Hazard Assessment and Exposure Controls	
1, 2	03/31/2014	04/04/2014	IP 71124.02	Occupational ALARA Planning and Controls	
1, 2	03/31/2014	04/04/2014	IP 71124.03	In-Plant Airborne Radioactivity Control and Mitigation	
1, 2	03/31/2014	04/04/2014	IP 71124.04	Occupational Dose Assessment	
1, 2	03/31/2014	04/04/2014	IP 71124.05	Radiation Monitoring Instrumentation	
1, 2	03/31/2014	04/04/2014	IP 71151	Performance Indicator Verification	
			SGISI - UNIT 1 SG IN-SERVICE INSPECTION		1
1	03/31/2014	04/04/2014	IP 711108P	Inservice Inspection Activities - PWR	
			EP - EP EXERCISE		3
1, 2	04/01/2014	05/23/2014	IP 7111408	Exercise Evaluation – Scenario Review	
1, 2	05/19/2014	05/23/2014	IP 7111404	Emergency Action Level and Emergency Plan Changes	
1, 2	05/19/2014	05/23/2014	IP 7111407	Exercise Evaluation - Hostile Action (HA) Event	
1, 2	05/19/2014	05/23/2014	IP 71151	Performance Indicator Verification	
			OL EXAM - INITIAL LICENSE EXAM PREP		3
1	04/14/2014	04/18/2014	V23420	VOGTLE U1/MARCH 2014 INITIAL EXAM AT POWER FACILITIES	
			OL EXAM - INITIAL LICENSE EXAM WEEK 1		3
1	05/12/2014	05/16/2014	V23420	VOGTLE U1/MARCH 2014 INITIAL EXAM AT POWER FACILITIES	
			OL EXAM - INITIAL LICENSE EXAM WEEK 2		3
1	05/19/2014	05/23/2014	V23420	VOGTLE U1/MARCH 2014 INITIAL EXAM AT POWER FACILITIES	
			MODS - PLANT MODIFICATIONS INSPECTION		3
1, 2	06/09/2014	06/13/2014	IP 711117T	Evaluations of Changes, Tests, and Experiments and Permanent Plant Modifications	
1, 2	06/23/2014	06/27/2014	IP 711117T	Evaluations of Changes, Tests, and Experiments and Permanent Plant Modifications	

Unit Number	Planned Dates Start End	Inspection Activity	Title	No. of Staff on Site
1, 2	07/07/2014 07/11/2014	HS - TRIENNIAL HEAT SINK PERFORMANCE IP 7111107T	Heat Sink Performance	1
2	09/22/2014 09/26/2014	ISI - UNIT 2 IN-SERVICE INSPECTION IP 7111108P	Inservice Inspection Activities - PWR	1
2	09/29/2014 10/03/2014	SGISI - UNIT 2 SG IN-SERVICE INSPECTION IP 7111108P	Inservice Inspection Activities - PWR	1
1, 2	01/26/2015 01/30/2015	PI&R - PROBLEM IDENTIFICATION AND RESOLUTION IP 71152B	Problem Identification and Resolution	5
1, 2	02/09/2015 02/13/2015	IP 71152B	Problem Identification and Resolution	
1, 2	04/20/2015 04/24/2015	EP - EP PROGRAM INSPECTION IP 7111402	Alert and Notification System Testing	1
1, 2	04/20/2015 04/24/2015	IP 7111403	Emergency Preparedness Organization Staffing and Augmentation System	
1, 2	04/20/2015 04/24/2015	IP 7111404	Emergency Action Level and Emergency Plan Changes	
1, 2	04/20/2015 04/24/2015	IP 7111405	Correction of Emergency Preparedness Weaknesses and Deficiencies	
1, 2	04/20/2015 04/24/2015	IP 71151	Performance Indicator Verification	

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