



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

March 4, 2013

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 05000424/2012001
AND 425/2012001)**

Dear Mr. Tynan:

On February 12, 2013, 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, 2012, through December 31, 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.

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, 2014. Routine inspections performed by resident inspectors are not included in the inspection plan. In addition, the NRC also plans to conduct initial operator license examinations and an Independent Spent Fuel Storage Installation initial cask loading inspection. 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

2

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: As Stated

cc w/encl: (See page 3)

T. Tynan

2

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cc w/encl: (See page 3)

PUBLICLY AVAILABLE NON-PUBLICLY AVAILABLE SENSITIVE NON-SENSITIVE
ADAMS: X Yes ACCESSION NUMBER: _____ X SUNSI REVIEW COMPLETE

OFFICE	RII:RDP	RII:DRP										
SIGNATURE	CWR /RA for/	FJE /RA/										
NAME	MMiller	FEhrhardt										
DATE	03/04/2013	03/04/2013										
E-MAIL COPY?	YES NO	YES NO	YES NO	YES NO	YES NO	YES NO	YES NO	YES NO	YES NO	YES NO	YES NO	YES NO

OFFICIAL RECORD COPY DOCUMENT NAME: S:\DRP\PERIODIC ASSESSMENTS & REPORTS\EOC & MID-CYCLE\2012\END OF CYCLE\INPUT\RPB2\VOGTLE\2012 VOGTLE EOC LETTER.DOCX

T. Tynan

3

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(cc w/encl continued next page)

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4

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(cc w/encl continued next page)

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5

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Resident Manager
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T. Tynan

6

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

SUBJECT: ANNUAL ASSESSMENT LETTER FOR VOGTLE ELECTRIC GENERATING
PLANT UNIT 1 AND UNIT 2 (NRC INSPECTION REPORT 05000424/2012001
AND 425/2012001)

Distribution w/encl:

C. Evans, RII

OE Mail

RIDSNNRRDIRS

PUBLIC

RidsNrrPMVogtle Resource

ROP Assessment

Institute of Nuclear Power Operations (INPO)

Unit Number	Planned Dates Start End	Inspection Activity	Title	No. of Staff on Site
		RP	- RAD HAZARDS ANALYSIS AND TRANSPORTATION	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	
		ISI	- UNIT 2 INSERVICE INSPECTION AND RVH EXAM	3
2	03/18/2013 03/22/2013	IP 7111108P	Inservice Inspection Activities - PWR	
		SGISI	- UNIT 2 SG INSERVICE INSPECTION	1
2	03/25/2013 03/29/2013	IP 7111108P	Inservice Inspection Activities - PWR	
		OL EXAM	- INITIAL EXAM PREP	3
1	03/25/2013 03/29/2013	V23404	VOGTLE/APRIL 2013 EXAM AT POWER FACILITIES	
		EP	- EMERGENCY PREPAREDNESS INSPECTION	2
1, 2	04/01/2013 04/05/2013	IP 7111402	Alert and Notification System Testing	
1, 2	04/01/2013 04/05/2013	IP 7111403	Emergency Preparedness Organization Staffing and Augmentation System	
1, 2	04/01/2013 04/05/2013	IP 7111405	Correction of Emergency Preparedness Weaknesses and Deficiencies	
1, 2	04/01/2013 04/05/2013	IP 71151	Performance Indicator Verification	
		OL EXAM	- INITIAL EXAM WEEK 1	3
1	04/15/2013 04/19/2013	V23404	VOGTLE/APRIL 2013 EXAM AT POWER FACILITIES	
		OL EXAM	- INITIAL EXAM WEEK 2	3
1	04/29/2013 05/03/2013	V23404	VOGTLE/APRIL 2013 EXAM AT POWER FACILITIES	
		ISFSI	- VOGTLE NRC ISFSI DRY RUN	5
1, 2	05/20/2013 05/24/2013	IP 60855.1	Operation of an Independent Spent Fuel Storage Installation at Operating Plants	
		CDBI	- COMPONENT DESIGN BASES INSPECTION	7
1, 2	06/24/2013 06/28/2013	IP 7111121	Component Design Bases Inspection	
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	
		ISFSI	- VOGTLE ISFSI INITIAL LOADING CAMPAIGN	2
1, 2	08/19/2013 08/23/2013	IP 60855.1	Operation of an Independent Spent Fuel Storage Installation at Operating Plants	
		OL RQ	- REQUAL INSPECTION	2
1, 2	09/02/2013 09/06/2013	IP 7111111B	Licensed Operator Requalification Program	
		TI-182	- TI-182 BURIED PIPING/TANK - PHASE 2	1
1, 2	09/09/2013 09/11/2013	IP 2515/182	Review of the Implementation of the Industry Initiative to Control Degradation of Underground Piping	

Unit Number	Planned Dates Start	Planned Dates End	Inspection Activity	Title	No. of Staff on Site
			RP - RP PUBLIC RAD SAFETY BASELINE		2
1, 2	09/09/2013	09/13/2013	IP 71124.06	Radioactive Gaseous and Liquid Effluent Treatment	
1, 2	09/09/2013	09/13/2013	IP 71124.07	Radiological Environmental Monitoring Program	
1, 2	09/09/2013	09/13/2013	IP 71151	Performance Indicator Verification	
			OL EXAM - INITIAL LICENSE EXAM PREP		3
1	02/24/2014	02/28/2014	V23420	VOGTLE U1/MARCH 2014 INITIAL EXAM AT POWER FACILITIES	
			RP - RP OCCUPATIONAL BASELINE		3
1, 2	03/10/2014	03/14/2014	IP 71124.01	Radiological Hazard Assessment and Exposure Controls	
1, 2	03/10/2014	03/14/2014	IP 71124.02	Occupational ALARA Planning and Controls	
1, 2	03/10/2014	03/14/2014	IP 71124.03	In-Plant Airborne Radioactivity Control and Mitigation	
1, 2	03/10/2014	03/14/2014	IP 71124.04	Occupational Dose Assessment	
1, 2	03/10/2014	03/14/2014	IP 71124.05	Radiation Monitoring Instrumentation	
1, 2	03/10/2014	03/14/2014	IP 71151	Performance Indicator Verification	
			ISI - UNIT 1 IN-SERVICE INSPECTION		1
1	03/17/2014	03/21/2014	IP 7111108P	Inservice Inspection Activities - PWR	
			OL EXAM - INITIAL LICENSE EXAM WEEK 1		3
1	03/24/2014	03/28/2014	V23420	VOGTLE U1/MARCH 2014 INITIAL EXAM AT POWER FACILITIES	
			RP - RP OCCUPATIONAL BASELINE WEEK2		2
1, 2	03/24/2014	03/28/2014	IP 71124.01	Radiological Hazard Assessment and Exposure Controls	
1, 2	03/24/2014	03/28/2014	IP 71124.02	Occupational ALARA Planning and Controls	
1, 2	03/24/2014	03/28/2014	IP 71124.03	In-Plant Airborne Radioactivity Control and Mitigation	
1, 2	03/24/2014	03/28/2014	IP 71124.04	Occupational Dose Assessment	
1, 2	03/24/2014	03/28/2014	IP 71124.05	Radiation Monitoring Instrumentation	
1, 2	03/24/2014	03/28/2014	IP 71151	Performance Indicator Verification	
			SGISI - UNIT 1 SG IN-SERVICE INSPECTION		1
1	03/24/2014	03/28/2014	IP 7111108P	Inservice Inspection Activities - PWR	
			OL EXAM - INITIAL LICENSE EXAM WEEK 2		3
1	03/31/2014	04/04/2014	V23420	VOGTLE U1/MARCH 2014 INITIAL EXAM AT POWER FACILITIES	
			EP - EP EXERCISE		1
1, 2	05/19/2014	05/23/2014	IP 7111401	Exercise Evaluation	
1, 2	05/19/2014	05/23/2014	IP 71151	Performance Indicator Verification	
			MODS - PLANT MODIFICATIONS INSPECTION		3
1, 2	06/09/2014	06/13/2014	IP 7111117T	Evaluations of Changes, Tests, or Experiments and Permanent Plant Modifications	
1, 2	06/23/2014	06/27/2014	IP 711117T	Evaluations of Changes, Tests, or Experiments and Permanent Plant Modifications	

This report does not include INFO and OUTAGE activities.

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

Unit Number	Planned Dates Start End	Inspection Activity	Title	No. of Staff on Site
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1, 2	06/16/2014 06/20/2014	HS - TRIENNIAL HEAT SINK PERFORMANCE IP 7111107T Heat Sink Performance		1
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Comments:

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