



**UNITED STATES
NUCLEAR REGULATORY COMMISSION
REGION II**

245 PEACHTREE CENTER AVENUE NE, SUITE 1200
ATLANTA, GEORGIA 30303-1257

February 28, 2018

Mr. Darin Myers
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 UNITS 1 AND 2 – NRC INSPECTION REPORTS 05000424/2017006
AND 05000425/2017006, 05000424/2017402 AND 05000425/2017402,
05000424/2017501 AND 05000425/2017501**

Dear Mr. Myers:

The NRC has completed its end-of-cycle performance assessment of Vogtle Electric Generating Plant Units 1 and 2, reviewing performance indicators (PIs), inspection results, and enforcement actions from January 1, 2017, through December 31, 2017. 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 concluded that overall performance at your facility preserved public health and safety.

The NRC determined the performance at Vogtle Electric Generating Plant Units 1 and 2 during the most recent quarter was within the Licensee Response Column, the highest performance category 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 were within the expected range (i.e., Green). Therefore, the NRC plans to conduct ROP baseline inspections at your facility. During this assessment year, the plant was in Column 2 due to a White (Input). As stated in NRC Inspection Report 05000424/2017504 and 05000425/2017504, the plant returned to Column 1 on October 1, 2017, after completion of the supplemental inspection, Inspection Procedure 95001, "Supplemental Inspection for One or Two White Inputs in a Strategic Performance Area." The NRC's inspection is documented in inspection report (IR) 05000424/2017011 and 05000425/2017011, which is publically available in the Agency Document Access and Management System (ADAMS), Accession Number ML17286A120.

On February 20, 2018, the NRC issued two traditional enforcement violations that were characterized together as a Severity Level (SL) III problem. The violations were associated with system operators failing to complete operator rounds as prescribed by procedure and failing to provide complete and accurate information for the rounds. These violations were documented in Inspection Report 05000424/2018090 and 05000425/2018090. Therefore, the NRC plans to conduct a supplemental inspection to follow-up on these violations.

The enclosed inspection plan lists the inspections scheduled through December 31, 2019. This updated inspection plan now includes planned security inspections which were formerly transmitted under separate correspondence. The NRC provides the inspection plan to allow for

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the resolution of any scheduling conflicts and personnel availability issues. Routine inspections performed by resident inspectors are not included in the inspection plan. The inspections listed during the last twelve months of the inspection plan are tentative and may be revised. The NRC will contact you as soon as possible to discuss changes to the inspection plan should circumstances warrant any changes.

In accordance with Title 10 of the *Code of Federal Regulations* (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 Alan Blamey at 404-997-4415 with any questions you have regarding this letter.

Sincerely,

/RA/

Joel T. Munday, Director
Division of Reactor Projects

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

Enclosure:
Vogtle Inspection/Activity Plan

cc Distribution via ListServ

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SUBJECT: ANNUAL ASSESSMENT LETTER FOR VOGTLE ELECTRIC GENERATING PLANT UNITS 1 AND 2 – NRC INSPECTION REPORTS 05000424/2016006 AND 05000425/2016006, 05000424/2017402 AND 05000425/2017402, 05000424/2017501 AND 05000425/2017501 February 28, 2018

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ADAMS Accession No. ML18059A167

OFFICE	RII/DRP	RII/DRP	RII/DRP		
NAME	DMas-Penaranda	ABlamey	JMunday		
DATE	2/8/2018	2/8/2018	2/27/2018		

OFFICIAL RECORD COPY

IP 22 Inspection Activity Plan Report

Vogtle

03/01/2018 - 12/31/2019

Unit	Start	End	Activity	CAC	Title	Staff Count
CYBER SECURITY						5
1, 2	02/26/2018	03/02/2018	IP 71130.10P	000741	Cyber Security	
EP EXERCISE						5
1, 2	05/14/2018	05/18/2018	IP 71114.01	000716	Exercise Evaluation	
1, 2	05/14/2018	05/18/2018	IP 71114.04	000719	Emergency Action Level and Emergency Plan Changes	
1, 2	05/14/2018	05/18/2018	IP 71151	001397	Performance Indicator Verification	
MC&A INSPECTION						2
1, 2	06/04/2018	06/29/2018	IP 71130.11	000742	Material Control and Accounting (MC&A)	
EVALUATIONS OF CHANGES, TESTS AND EXPERIMENTS						3
1, 2	08/27/2018	08/31/2018	IP 71111.17T	000709	Evaluations of Changes, Tests, and Experiments	
TARGET SET SUPPORTING PART 52						1
1, 2	08/27/2018	08/31/2018	IP 71130.14	000743	Review of Power Reactor Target Sets	
RP OCCUPATIONAL - WEEK 1						2
1, 2	09/17/2018	09/21/2018	IP 71124.01	000725	Radiological Hazard Assessment and Exposure Controls	
1, 2	09/17/2018	09/21/2018	IP 71124.02	000726	Occupational ALARA Planning and Controls	
1, 2	09/17/2018	09/21/2018	IP 71124.03	000727	In-Plant Airborne Radioactivity Control and Mitigation	
1, 2	09/17/2018	09/21/2018	IP 71124.04	000728	Occupational Dose Assessment	
1, 2	09/17/2018	09/21/2018	IP 71124.05	000729	Radiation Monitoring Instrumentation	
1, 2	09/17/2018	09/21/2018	IP 71151	000746	Performance Indicator Verification	
UNIT 1 IN-SERVICE INSPECTION						1
1	09/24/2018	09/28/2018	IP 71111.08P	000702	Inservice Inspection Activities - PWR	
UNIT 1 SG IN-SERVICE INSPECTION						1
1	09/24/2018	09/28/2018	IP 71111.08P	000702	Inservice Inspection Activities - PWR	
RP OCCUPATIONAL - WEEK 2						2
1, 2	10/01/2018	10/05/2018	IP 71124.01	000725	Radiological Hazard Assessment and Exposure Controls	
1, 2	10/01/2018	10/05/2018	IP 71124.02	000726	Occupational ALARA Planning and Controls	
1, 2	10/01/2018	10/05/2018	IP 71124.03	000727	In-Plant Airborne Radioactivity Control and Mitigation	
1, 2	10/01/2018	10/05/2018	IP 71124.04	000728	Occupational Dose Assessment	
1, 2	10/01/2018	10/05/2018	IP 71124.05	000729	Radiation Monitoring Instrumentation	
1, 2	10/01/2018	10/05/2018	IP 71151	000746	Performance Indicator Verification	

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

IP 22 Inspection Activity Plan Report

SECURITY BASELINE INSPECTION						2
1, 2	10/15/2018	10/19/2018	IP 71130.02	000734	Access Control	
1, 2	10/15/2018	10/19/2018	IP 71130.04	000736	Equipment Performance, Testing, and Maintenance	
1, 2	10/15/2018	10/19/2018	IP 71130.07	000739	Security Training	
1, 2	10/15/2018	10/19/2018	IP 71151	001338	Performance Indicator Verification	
UNIT 2 IN-SERVICE INSPECTION						1
2	03/18/2019	03/22/2019	IP 71111.08P	000702	Inservice Inspection Activities - PWR	
UNIT 2 SG IN-SERVICE INSPECTION						1
2	03/18/2019	03/22/2019	IP 71111.08P	000702	Inservice Inspection Activities - PWR	
RP RADHAZARDS						1
1, 2	03/18/2019	03/22/2019	IP 71124.01	000725	Radiological Hazard Assessment and Exposure Controls	
SECURITY BASELINE INSPECTION						1
1, 2	04/22/2019	04/26/2019	IP 71130.02	000734	Access Control	
1, 2	04/22/2019	04/26/2019	IP 71151	001338	Performance Indicator Verification	
PROBLEM IDENTIFICATION AND RESOLUTION						5
1, 2	04/22/2019	04/26/2019	IP 71152B	000747	Problem Identification and Resolution	
1, 2	05/06/2019	05/10/2019	IP 71152B	000747	Problem Identification and Resolution	
EP PROGRAM INSPECTION						3
1, 2	05/06/2019	05/10/2019	IP 71114.02	000717	Alert and Notification System Testing	
1, 2	05/06/2019	05/10/2019	IP 71114.03	000718	Emergency Response Organization Staffing and Augmentation System	
1, 2	05/06/2019	05/10/2019	IP 71114.04	000719	Emergency Action Level and Emergency Plan Changes	
1, 2	05/06/2019	05/10/2019	IP 71114.05	000720	Correction of Emergency Preparedness Weaknesses and Deficiencies	
1, 2	05/06/2019	05/10/2019	IP 71151	001397	Performance Indicator Verification	
VOGTLE 1,2 INITIAL LICENSE EXAM						4
1, 2	05/06/2019	05/10/2019	OV	000956	VALIDATION OF INITIAL LICENSE EXAMINATION (OV)	
1, 2	06/10/2019	06/21/2019	EXAD	000500	LICENSE EXAM ADMINISTRATION (EXAD)	
FORCE-ON-FORCE PLANNING AND EXERCISES						8
1, 2	05/20/2019	05/24/2019	IP 71130.03	000735	Contingency Response - Force-On-Force Testing	
1, 2	06/10/2019	06/14/2019	IP 71130.03	000735	Contingency Response - Force-On-Force Testing	
RP PUBLIC & TRANSPORTATION						3
1, 2	06/17/2019	06/21/2019	IP 71124.06	000730	Radioactive Gaseous and Liquid Effluent Treatment	
1, 2	06/17/2019	06/21/2019	IP 71124.07	000731	Radiological Environmental Monitoring Program	
1, 2	06/17/2019	06/21/2019	IP 71124.08	000732	Radioactive Solid Waste Processing and Radioactive Material Handling, Storage, and Transportation	
1, 2	06/17/2019	06/21/2019	IP 71151	000746	Performance Indicator Verification	

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IP 22 Inspection Activity Plan Report

VOGTLE 1,2 REQUAL INSPECTION

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1, 2	06/24/2019	06/28/2019	IP 71111.11B	000704	Licensed Operator Requalification Program and Licensed Operator Performance - Biennial
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DESIGN BASES ASSURANCE INSPECTION (TEAM)

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1, 2	10/21/2019	10/25/2019	IP 71111.21M	000713	Design Bases Assurance Inspection (Teams)
1, 2	11/04/2019	11/08/2019	IP 71111.21M	000713	Design Bases Assurance Inspection (Teams)
