



**UNITED STATES  
NUCLEAR REGULATORY COMMISSION**  
REGION II  
245 PEACHTREE CENTER AVENUE N.E., SUITE 1200  
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March 2, 2018

Mr. Michael Yox  
Regulatory Affairs Director  
Southern Nuclear Operating Company  
7835 River Road, Bldg. 140, Vogtle 3&4  
Waynesboro, GA 30830

SUBJECT: ANNUAL ASSESSMENT LETTER FOR VOGTLE ELECTRIC GENERATING  
PLANT UNITS 3 & 4 (NRC REPORT 05200025/2017005 AND  
05200026/2017005)

Dear Mr. Yox:

On February 12, 2018, the NRC completed its end-of-cycle performance review of Vogtle Electric Generating Plant (VEGP) Units 3 & 4. The NRC reviewed 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 the NRC's plans for future inspections at your facility.

The NRC determined that overall, VEGP Units 3 & 4 were being constructed in a manner that preserved public health and safety and met all cornerstone objectives. The NRC determined the performance at VEGP Units 3 & 4 during the most recent quarter was within the Licensee Response Column of the NRC's Construction Reactor Oversight Process (cROP) Action Matrix because all inspection findings had very low (i.e., green) safety significance. Therefore, the NRC plans to conduct cROP baseline inspections at your facility.

The enclosed inspection plan lists the inspections scheduled through December 2018. Routine inspections performed by resident inspectors are not included in the inspection plan. The inspections listed are tentative and may be revised based on construction activities at the site. 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.

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) 997-4451 with any questions you have regarding this letter.

Sincerely,

**/RA/**

Jamie Heisserer, Chief  
Construction Inspection Branch 1  
Division of Construction Oversight

Docket Nos.: 52-00025, 52-00026  
License Nos.: NPF-91, NPF-92

Enclosure:  
Vogle Units 3&4 Inspection Plan

cc w/encl.: (See next page)

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Letter to Michael Yox from Jamie Heisserer, dated March 2, 2018

SUBJECT: ANNUAL ASSESSMENT LETTER FOR VOGTLE ELECTRIC GENERATING  
PLANT UNITS 3 & 4 (NRC REPORT 05200025/2017005 AND  
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**OFFICIAL RECORD COPY**

**Vogtle Electric Generating Plant, Units 3 & 4  
2018  
Inspection Plan**

**Programmatic Inspections (IMC 2504)**

**Construction (2504 Appendix A)**

Est. Date	Description, Inspection Procedure (IP)
CY18 – 1Q	QA Criterion XIII focused inspection, IP 35007
CY18 – 2Q	QA team inspection, IP 35007 (Criteria I, II, VI, VII, VIII, & IX)
CY18 – 2Q	QA Criterion III focused inspection, IP 35007
CY18 – 2Q	Fitness for Duty inspection, IP 81504
CY18 – 2Q	Preoperational testing team inspection, IPs 70367 and 70702
CY18 – 3Q	Annual CAP team inspection, IP 35007

**Operational (2504 Appendix B)**

Est. Date	Description, IP
Ongoing	Preservice Inspection, IP 73054
CY18 – Q1 to Q4	Environmental Qualification, IP 51080
CY18 – Q1	Security MC&A inspection, IP 81000.11
CY18 – Q2	Security Fitness for Duty inspection/SGL, IP 71130.06 and 71130.08
CY18 – Q2	QA (Operations), IP 42401
CY18 – Q4	Emergency Preparedness, IP 82002.02

**ITAAC Inspections (IMC 2503)**

Est. Date	Description
1Q 2018 to 4Q 2018	<p>The majority of ITAAC related inspections, for the next year, are expected to be associated with the following construction and fabrication activities:</p> <ol style="list-style-type: none"> <li>1. Rebar and concrete installation</li> <li>2. Component and pipe installation/welding</li> <li>3. Electrical cables and raceways program implementation and installation</li> <li>4. ASME design</li> <li>5. Structural and mechanical module fabrication and installation</li> <li>6. NSSS components receipt inspection and installation</li> <li>7. PMS testing and installation</li> <li>8. Other ITAAC related work at vendor facilities</li> </ol> <p>(See Note 1)</p>

Note 1: Inspection schedule is subject to change based on licensing and construction activities.

Enclosure