



UNITED STATES  
NUCLEAR REGULATORY COMMISSION  
REGION II  
245 PEACHTREE CENTER AVENUE N.E., SUITE 1200  
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March 4, 2019

Mr. Michael Yox  
Regulatory Affairs Director  
Southern Nuclear Operating Company  
7825 River Road, Bldg. 302, Vogtle 3&4  
Waynesboro, GA 30830

SUBJECT: ANNUAL ASSESSMENT LETTER FOR VOGTLE ELECTRIC GENERATING  
PLANT UNITS 3 & 4 (NRC REPORT 05200025/2018006 AND  
05200026/2018006)

Dear Mr. Yox:

On February 7, 2019, 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, 2018, through December 31, 2018. 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 2019. 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).

M. Yox

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Please contact me at (404) 997-4457 with any questions you have regarding this letter.

Sincerely,

**/RA George Khouri for/**

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)

cc:

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Letter to Michael Yox from Jamie Heisserer dated March 4, 2019.

SUBJECT: ANNUAL ASSESSMENT LETTER FOR VOGTLE ELECTRIC GENERATING PLANT UNITS 3 & 4 (NRC REPORT 05200025/2018006 AND 05200026/2018006)

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**Vogtle Electric Generating Plant, Units 3 & 4  
2019  
Inspection Plan**

**Programmatic Inspections (IMC 2504 Appendix A)**

**Construction (2504 Appendix A)**

Est. Date (Cy 19)	Description, Inspection Procedure (IP) 35007
1 <sup>st</sup> Qtr.; wk of 1/14	Criterion 4 (Procurement Control) (Complete)
2 <sup>nd</sup> Qtr.; week of 5/13	Criterion 3 (Design Changes)
2 <sup>nd</sup> – 3 <sup>rd</sup> Quarter	Admin Manual GAP Inspection; to coincide with first preoperational test procedure review
3 <sup>rd</sup> Qtr.; week of 8/19	Criterion 11 (Test Control) and Criterion 14 (Inspection, Test, and Operating Status)
4 <sup>th</sup> Qtr.; week of 11/18	Criterion 5 (Instructions, Procedures, Drawings) and Criterion 17 (Quality Assurance Records)
4 <sup>th</sup> Qtr	Annual CAP team inspection, IP 35007

**Programmatic Inspections Operational (2504 Appendix B)**

Est. Date	Description
2 <sup>nd</sup> Quarter	Preservice Inspection
3 <sup>rd</sup> Quarter	QA for Operations
3 <sup>rd</sup> Quarter	Preservice Testing
3 <sup>rd</sup> Quarter	Process and Effluent Monitoring
3 <sup>rd</sup> Quarter	Offsite Dose Calculation Manual
4 <sup>th</sup> Quarter	Security Training and Qualification Program

**ITAAC Inspections (IMC 2503)**

Est. Date	Description
1Q 2019 to 4Q 2019	<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/concrete in NI and inside containment</li> <li>2. Component and pipe installation/welding</li> <li>3. Electrical cables and raceways installation and procedures</li> <li>4. Equipment qualification associated with the installation of mechanical and electrical components</li> <li>5. System functional arrangement</li> <li>6. ASME components design and fabrication</li> <li>7. Component and preoperational testing</li> <li>8. Electrical design</li> <li>9. EP &amp; Security ITAAC</li> </ol> <p>(See Note 1)</p>

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