



UNITED STATES  
NUCLEAR REGULATORY COMMISSION  
REGION II  
245 PEACHTREE CENTER AVENUE N.E., SUITE 1200  
ATLANTA, GEORGIA 30303-1200

March 3, 2020

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 05200025/2019006 AND  
05200026/2019006)

Dear Mr. Yox:

On February 10, 2020, the Nuclear Regulatory Commission (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, 2019, through December 31, 2019. 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 2020. 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. Please be advised that the NRC will continue to track the completion of Confirmatory Orders EA-18-130 and EA-18-171 (NRC's Agencywide Documents Access and Management System (ADAMS) Accession No. ML19249B552) dated November 20, 2019, and EA-18-032 (ML19029B321) dated January 29, 2019.

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- 4510 with any questions you have regarding this letter.

Sincerely,

**/RA/**

Nicole Coover, Chief  
Construction Inspection Branch 1  
Division of Construction Oversight

Docket Nos.: 52-00025, 52-00026

License Nos.: NPF-91, NPF-92

Enclosure:

Vogtle Units 3&4 Inspection Plan

cc w/encl.: (See next page)

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Letter to Michael Yox from Nicole Coover, dated March 3, 2020

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PLANT UNITS 3 & 4 (NRC REPORT 05200025/2019006 AND  
05200026/2019006)

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**ADAMS Accession No. ML20063L605**

OFFICE	RII:DCO	RII:DCO				
NAME	C. Taylor	N. Coover				
DATE	2/27/2020	2/27/2020				

**OFFICIAL RECORD COPY**

Inspection Test Analysis Acceptance Criteria (ITAAC) Inspections Inspection Manual Chapter (IMC 2503)	
Est. Date	Description
1 <sup>st</sup> to 4 <sup>th</sup> Quarter (Qtr.) 2020	<p>The majority of ITAAC related inspections, for the next year, are expected to be associated with the following construction and fabrication activities:</p> <p><b>Unit 3:</b></p> <ol style="list-style-type: none"> <li>1. Final structural inspections of the auxiliary and shield buildings (Including structural reconciliation ITAAC)</li> <li>2. Completion of welding and Non Destructive Examination (NDE) inspections</li> <li>3. Reactor Coolant System (RCS) Hydrostatic Testing</li> <li>4. Installation of key valves (RCS Safety, Squib)</li> <li>5. Containment structural integrity tests</li> <li>6. Review of American Society of Mechanical Engineers (ASME) reports</li> <li>7. Electrical and instrumentation ITAAC</li> <li>8. As-built walkdowns of safety-related Structures Systems and Components (SSCs)</li> </ol> <p><b>Unit 4:</b></p> <ol style="list-style-type: none"> <li>1. Rebar/concrete and structural steel for the Auxiliary and Shield Buildings</li> <li>2. Welding and NDE of all targeted SSCs</li> <li>3. Installation of motor operated valves</li> <li>4. Electrical cables, raceways and major electrical and instrumentation cabinets</li> </ol>
Construction and Operational Program Inspections (IMC 2504)	
Construction Programs - Appendix A	
2 <sup>nd</sup> & 3 <sup>rd</sup> Qtr. 2020	Quality Assurance (QA), Inspection Procedure (IP) 35007
2 <sup>nd</sup> & 3 <sup>rd</sup> Qtr. 2020	ITAAC Maintenance, IP 40600
3 <sup>rd</sup> Qtr. 2020	Corrective Action Program, IP 35007
Operational Programs - Appendix B (See Note 1)	
1 <sup>st</sup> Qtr. 2020	Maintenance Rule, IP 62712
1 <sup>st</sup> & 2 <sup>nd</sup> Qtr. 2020	Preservice Inspection, IPs 73054, 73754, 73757
1 <sup>st</sup> - 3 <sup>rd</sup> Qtr. 2020	Physical Security/Cyber (Security-Related) (See Note 2)
2 <sup>nd</sup> Qtr. 2020	Environmental Qualification, IP 51080
2 <sup>nd</sup> Qtr. 2020	Containment Leak Rate Testing, IP 70368
2 <sup>nd</sup> Qtr. 2020	Target Set (Security-Related) (See Note 2)
2 <sup>nd</sup> Qtr. 2020	Emergency Preparedness, IP 82002
2 <sup>nd</sup> Qtr. 2020	QA Operations, IPs 35101, 36100, 36302, 42401, 42453, 42454
2 <sup>nd</sup> Qtr. 2020	Radiation Protection, IPs 83533 thru 85337
2 <sup>nd</sup> Qtr. 2020	Process Effluent Monitoring, IPs 84527 thru 84529, 80522, 83531
2 <sup>nd</sup> Qtr. 2020	Preservice and MOV Testing, IP 73758
2 <sup>nd</sup> Qtr. 2020	Inservice Testing, IP 73758
2 <sup>nd</sup> Qtr. 2020	Startup Test Program, IP 72401
1 <sup>st</sup> - 4 <sup>th</sup> Qtr. 2020	Component and Preoperational Testing, IP 70702
3 <sup>rd</sup> Qtr. 2020	Fire Protection, IP 64704
Operational Programs - Appendix B Cont' (See Note 1)	
4 <sup>th</sup> Qtr. 2020	Part 52, Inspection of Startup Test Program, IP 72304 (See Note 3)

Notes:

1. Inspection schedule is subject to change based on licensing and construction activities.
2. All Physical Security, Target Sets, and Cyber Security IPs are planned to be completed by August 2020
3. This inspection will occur after the 10 CFR 52.103(g) determination