

December 13, 2016

Mr. Michael J. Yox, Director
Regulatory Affairs
Southern Nuclear Operating Company, Inc.
42 Inverness Center Parkway, B022
Birmingham, AL 35242

SUBJECT: STAFF POSITION ON AP1000 DIGITAL INSTRUMENTATION AND CONTROLS
INSPECTIONS, TESTS, ANALYSES, AND ACCEPTANCE CRITERIA
COMPLETION

Dear Mr. Yox:

In response to your letter dated May 17, 2016, "Treatment of Process [Instrumentation and Control Inspections, Tests, Analyses and Acceptance Criteria (ITAAC)] Closure Notification," (Agencywide Documents Access and Management System (ADAMS) Accession No. ML16138A305), the U.S. Nuclear Regulatory Commission (NRC) is providing its position and expectations relative to performance, completion and closure of the AP1000 Digital ITAAC identified in your letter.

In accordance with Title 10 of the *Code of Federal Regulations* (10 CFR) Section 52.99(c)(1), the licensees are required to notify the NRC of the completion of ITAAC. The closure process used by Southern Nuclear Company (SNC), the licensee for Vogtle Electric Generating Plant Units 3 and 4, for ITAAC is based on the guidance described in Nuclear Energy Institute (NEI) 08-01, "Industry Guideline for the ITAAC Closure Process under 10 CFR Part 52." NEI 08-01 was endorsed by the NRC in Regulatory Guide 1.215, "Guidance for ITAAC Closure Under 10 CFR Part 52." The purpose of SNC's letter was to notify the NRC of methodology that was used and will be used for the "Process" related ITAAC and requested that the NRC provide clarification on treatment of these ITAAC. On October 27, 2016, the staff discussed this position with AP1000 licensees in a public meeting (ADAMS Accession No. ML16299A246). Enclosed with this letter is the staff's response to your May 17, 2016, letter.

If you have any questions, please contact me at (301) 415-3025 or Chandu.Patel@nrc.gov.

Sincerely,

/RA/

Jennifer Dixon-Herrity, Chief
Licensing Branch 4
Division of New Reactor Licensing
Office of New Reactors

Docket No(s): 52-025
52-026

Enclosure:
Staff Position on AP1000 Digital Instrumentation
and Controls ITAAC Completion

cc: See next page

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NRO-008

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(Revised 11/14/2016)

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