

PMVogtleCOLPEm Resource

From: Anderson, Brian
Sent: Tuesday, November 25, 2008 1:00 PM
To: 'agaughtm@southernco.com'; 'wasparkm@southernco.com'; VogtleCOL Resource
Cc: Araguas, Christian; Anderson, Brian
Subject: FW: REQUEST FOR ADDITIONAL INFORMATION LETTER NO. 014 RELATED TO SRP SECTION 17.5 FOR THE VOGTLE UNITS 3 AND 4 COMBINED LICENSE APPLICATION
Attachments: VOG RAI 014 - ML083300157.pdf
Importance: High

Correction to my previous e-mail. The accession number is [ML083300157](#).

My apologies for any confusion,
Brian

Brian Anderson
301-415-9967
Project Manager, AP1000 Projects Branch 1
Office of New Reactors
U.S. Nuclear Regulatory Commission

From: Brian Anderson
Sent: Tuesday, November 25, 2008 10:46 AM
To: 'agaughtm@southernco.com'; 'wasparkm@southernco.com'; VogtleCOL Resource
Cc: Christian Araguas; Brian Anderson
Subject: REQUEST FOR ADDITIONAL INFORMATION LETTER NO. 014 RELATED TO SRP SECTION 17.5 FOR THE VOGTLE UNITS 3 AND 4 COMBINED LICENSE APPLICATION
Importance: High

Attached is RAI Letter No. 014 related to SRP Section 17.5 for the Vogtle Units 3 and 4 combined license application. The ADAMS Accession number is [ML08330157](#).

Brian Anderson
301-415-9967
Project Manager, AP1000 Projects Branch 1
Office of New Reactors
U.S. Nuclear Regulatory Commission

Hearing Identifier: Vogtle_COL_Public
Email Number: 148

Mail Envelope Properties (CB87FC66F95637428C5E0D066E756B6F93F2CDD466)

Subject: FW: REQUEST FOR ADDITIONAL INFORMATION LETTER NO. 014 RELATED TO SRP SECTION 17.5 FOR THE VOGTLE UNITS 3 AND 4 COMBINED LICENSE APPLICATION
Sent Date: 11/25/2008 1:00:14 PM
Received Date: 11/25/2008 1:00:25 PM
From: Anderson, Brian

Created By: Brian.Anderson@nrc.gov

Recipients:

"Araguas, Christian" <Christian.Araguas@nrc.gov>
Tracking Status: None
"Anderson, Brian" <Brian.Anderson@nrc.gov>
Tracking Status: None
"agaughtm@southernco.com" <'agaughtm@southernco.com'>
Tracking Status: None
"wasparkm@southernco.com" <'wasparkm@southernco.com'>
Tracking Status: None
"VogtleCOL Resource" <VogtleCOL.Resource@nrc.gov>
Tracking Status: None

Post Office: HQCLSTR01.nrc.gov

Files	Size	Date & Time
MESSAGE	945	11/25/2008 1:00:25 PM
VOG RAI 014 - ML083300157.pdf		146069

Options

Priority: High
Return Notification: No
Reply Requested: No
Sensitivity: Normal
Expiration Date:
Recipients Received:

VoglecolRAIsPEm Resource

From: Brian Anderson
Sent: Tuesday, November 25, 2008 10:24 AM
To: VoglecolRAIsPEm Resource
Subject: REQUEST FOR ADDITIONAL INFORMATION LETTER NO. 014 RELATED TO SRP SECTION 17.5 FOR THE VOGTLE ELECTRIC GENERATING PLANT
Attachments: VOG-RAI-LTR-014.doc
Importance: High

Hearing Identifier: Vogtle_COL_eRAIs
Email Number: 17

Mail Envelope Properties (CB87FC66F95637428C5E0D066E756B6F93F2CDD35C)

Subject: REQUEST FOR ADDITIONAL INFORMATION LETTER NO. 014 RELATED TO SRP SECTION 17.5 FOR THE VOGTLE ELECTRIC GENERATING PLANT
Sent Date: 11/25/2008 10:23:36 AM
Received Date: 11/25/2008 10:23:42 AM
From: Brian Anderson

Created By: Brian.Anderson@nrc.gov

Recipients:
"VogtlecolRAIsPEm Resource" <VogtlecolRAIsPEm.Resource@nrc.gov>
Tracking Status: None

Post Office: HQCLSTR01.nrc.gov

Files	Size	Date & Time
MESSAGE	3	11/25/2008 10:23:42 AM
VOG-RAI-LTR-014.doc	61434	

Options
Priority: High
Return Notification: No
Reply Requested: No
Sensitivity: Normal
Expiration Date:
Recipients Received:

November 25, 2008

Mr. Joseph A. (Buzz) Miller
Senior Vice President
Southern Nuclear Operating Company
P.O. Box 1295
Birmingham, AL 35201

SUBJECT: REQUEST FOR ADDITIONAL INFORMATION LETTER NO. 014 RELATED TO
SRP SECTION 17.5 FOR THE VOGTLE ELECTRIC GENERATING PLANT
UNITS 3 AND 4 COMBINED LICENSE APPLICATION

Dear Mr. Miller:

By letter dated March 28, 2008, Southern Nuclear Operating Company (SNC), submitted its application to the U.S. Nuclear Regulatory Commission (NRC) for a combined license (COL) for two AP1000 advanced passive pressurized water reactors pursuant to 10 CFR Part 52. The NRC staff is performing a detailed review of this application to enable the staff to reach a conclusion on the safety of the proposed application.

The NRC staff has identified that additional information is needed to continue portions of the review. The staff's request for additional information (RAI) is contained in the enclosure to this letter.

To support the review schedule, you are requested to respond within 30 days of the date of this letter. If changes are needed to the final safety analysis report, the staff requests that the RAI response include the proposed wording changes.

If you have any questions or comments concerning this matter, you may contact me at 301-415-9967 or you may contact Christian Araguas, the lead project manager for the Vogtle Electric Generating Plant combined license at 301-415-3637.

Sincerely,

/RA/

Brian C. Anderson, Project Manager
AP1000 Projects Branch 1
Division of New Reactor Licensing
Office of New Reactors

Docket Nos. 52-025
52-026

eRAI Tracking No. 1486

Enclosure:
Request for Additional Information

If you have any questions or comments concerning this matter, you may contact me at 301-415-9967 or you may contact Christian Araguas, the lead project manager for the Vogtle Electric Generating Plant combined license at 301-415-3637.

Sincerely,

/RA/

Brian C. Anderson, Project Manager
AP1000 Projects Branch 1
Division of New Reactor Licensing
Office of New Reactors

Docket Nos. 52-025
52-026

eRAI Tracking No. 1486

Enclosure:
Request for Additional Information

Distribution:

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NRO-002

OFFICE	CQVP/BC	NWE1/PM	OGC	NWE1/L-PM
NAME	JPeralta *	BAnderson *	AHodgdon*	CAraguas*
DATE	11/12/08	11/12/08	11/18/08	11/25/08

*Approval captured electronically in the electronic RAI system.

OFFICIAL RECORD COPY

**Request for Additional Information
Vogle, Units 3 and 4
Southern Nuclear Operating Co.
Docket No. 52-0025 and 52-0026**

**SRP Section: 17.5 - Quality Assurance Program Description - Design Certification, Early Site
Permit and New License Applicants
Application Section: 17.5**

QUESTIONS for Quality and Vendor Branch 1 (AP1000/EPR Projects) (CQVP)

17.5-1

Post-Docketing Activities Within the Scope of the QAPD (FSAR Section 17.1)

FSAR Section 17.1 addresses design, procurement, and construction activities to be conducted subsequent to submittal of the application. In order for the NRC staff to plan its inspections of these activities, please clarify the expected scope, locations, and schedules for activities subject to the provisions of the QAPD that are to be conducted by the applicant and its contractors from the date of the docketing until the expected date of issuance for a COL.

17.5-2

NEI 06-14 Commitments (Revision 5)

NEI 06-14A, Revision 5 is currently being reviewed by the NRC staff. By letter dated September 17, 2008, the staff requested additional information concerning the draft NEI report. The applicant should describe plans for revising the submitted QAPD to incorporate changes to the NEI document, particularly with regard to QAPD Part II, Section 7.2, which addresses commercial calibration services and the applicability of Regulatory Issue Summary 2002-22 to commercial grade items.

17.5-3

Safety-Related Design Basis Activities (QAPD Part II, Section 2.3)

NEI 06-14A, Section 2.3, states that the COL application will be annotated to identify site-specific design basis activities. This section was omitted from the QAPD. The applicant should identify the site-specific design basis activities, consistent with the guidance in NEI 06-14A, or justify its omission.

17.5-4

Scope of the Quality Assurance Program (FSAR Section 17.5 and QAPD Part I)

FSAR Section 17.5 of the application states that the quality assurance program in place during the design, construction, and operations phases is described in the QAPD, which is maintained as a separate document. However, the QAPD (Part I), submitted as an enclosure with the application, states that it establishes the quality assurance policy for Nuclear Development activities; the QA manual also states that it applies to activities until turnover to Operations. The NRC staff is reviewing the application for the purpose of issuing a combined construction and operating license under the 10 CFR Part 52 regulations. Please explain how these statements are consistent with the COL application.

17.5-5

Organization – QA During the Construction and Operations Phases

NEI 96-14A, Rev. 5 is currently being reviewed by the NRC staff. By letter of September 17, 2008, the staff requested additional information concerning this revision. The letter requests, in part, additional detail for Part II, Section 1, Organization, of the NEI document for positions implementing QA program requirements. This information should cover the quality assurance organizations for construction, and operation, and the transition between these phases. The applicant should describe plans for revising the submitted QAPD to incorporate changes consistent with the requested changes to the NEI document.

17.5-6

Safety Related SSCs (QAPD Part II, Section 2)

QAPD Part II, Section 2, states that the QAPD applies to those quality-related activities that involve the functions of safety-related activities of structures, systems, and components (SSCs) as described in the COL FSAR. Appendix B to 10 CFR Part 50 requires, in part, that Part 52 applicants include in the FSAR a description of the quality assurance [program] applied to the design, and to be applied to the fabrication, construction, and testing of the SSCs of the facility and to the managerial and administrative controls to be used to assure safe operations. Please revise the language in this section to conform to this requirement. Also, Section 2 of the QAPD indicates that safety-related SSCs are described in the FSAR. Please identify the corresponding FSAR section(s) or clarify the purpose of this text and/or modify it accordingly.

17.5-7

Inspections by Line Personnel (QAPD Part III, Section 1.10)

NEI 06-14A Part III describes QA program controls for SSCs that are significant contributors to plant safety, but are not "safety-related," as defined by §50.2. QAPD Part III, Section 1.10 states that inspections may be performed by personnel in the line organization through the SNC independent verification process/simultaneous verification process, or similar process that utilizes knowledgeable personnel to perform the verification function. Please provide additional description for 'SNC simultaneous and similar processes' and also qualifications for personnel performing these inspections.

17.5-8

Regulatory Guide 1.28

RG 1.28, Rev. 3, "Quality Assurance Program Requirements (Design and Construction)" describes a method acceptable to the NRC staff for complying with the provisions of Appendix B to 10 CFR Part 50 with regard to establishing and implementing the requisite program for the design and construction phase of nuclear power plants. Please describe how your current QAPD satisfies the regulatory position established in RG 1.28, Section C.