

November 29, 2012

MEMORANDUM TO: Lawrence J. Burkhart, Acting Chief
Licensing Branch 4
Division of New Reactor Licensing
Office of New Reactors

FROM: Anthony Minarik, Project Manager */RA/*
Licensing Branch 4
Division of New Reactor Licensing
Office of New Reactors

SUBJECT: SUMMARY OF PUBLIC MEETINGS WITH SOUTHERN NUCLEAR
COMPANY AND SOUTH CAROLINA ELECTRIC & GAS ON
OCTOBER 23, 2012 AND NOVEMBER 1, 2012

The U.S. Nuclear Regulatory Commission (NRC) held two Category 2 public meetings on October 23 and November 1, 2012, with Southern Nuclear Operating Company (SNC) and South Carolina Electric & Gas (SCE&G) to discuss licensing actions related to the Vogtle Electric Generating Plant (VEGP) Units 3 and 4 and Virgil C. Summer Units 2 and 3. On October 23, 2012, the topics of discussion were a draft submittal of an alternative request for American Society of Mechanical Engineers Boiler and Pressure Vessel Code (the ASME Code) for Preservice Inspection – VEGP 3 & 4 (PSI RA-01) submitted October 4, 2012, and a draft submittal of License Amendment Request (LAR) 12-012, “Changes to the Primary Sampling System” (PSS) submitted on October 9, 2012. On November 1, 2012, the main topic of discussion was a draft submittal of LAR 12-011, “Changes to the Chemical and Volume Control System (CVS).” Additionally, technical staff of the NRC requested a clarification from SCE&G regarding LAR 12-01, “Additional Electrical Penetration Assemblies” during the November 1 meeting.

Regarding the October 23, 2012, meeting, enclosed are the meeting agenda (Enclosure 1), the meeting attendees list (Enclosure 2), the draft Alternative Request (Enclosure 3), and the draft submittal of LAR 12-012 (Enclosure 4). Enclosures 3 and 4 can be found in the Agencywide Documents Access and Management System (ADAMS) Accession Numbers ML12307A364 and ML12292A014 respectively.

Regarding the November 1, 2012, meeting, enclosed are the meeting agenda (Enclosure 5), the meeting attendees list (Enclosure 6), the official submittal of LAR 12-01 (Enclosure 7), the draft submittal of LAR 12-011(Enclosure 8), an enclosure submitted with the draft LAR (Enclosure 9), and a list of comments from NRC staff on the draft submittal (Enclosure 10). Enclosures 7, 8, 9, and 10 can be found in ADAMS under Accession Numbers ML12244A011, ML12320A214, ML12320A219, and ML12318A248 respectively.

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October 23, 2012 Meeting Summary:

In the first portion of the meeting, NRC staff and representatives from SNC discussed alternative request PSI-RA-01. SNC intends to request authorization to use the 2007 Editions, 2008 Addenda of Section XI of the ASME Code. The current design references the 1998 edition and 2000 addenda for components that make up the primary cooling system (Class 1), components that are part of various important-to-safety emergency core cooling systems (Class 2), and components of plant operation systems (Class 3), and the 2001 editions and 2002 addenda for components of metal containment supports (Class MC). NRC staff asked SNC if this change could potentially lead to more relief or amendment requests due to changing materials and/or construction in the new edition and addenda. Additionally, the NRC asked the licensee to clarify how they will use Section III and Section XI of the ASME Code moving forward, and to justify their request for NRC endorsement of a change related to MC components. SNC plans to address these comments in the official submittal.

The next portion of the meeting covered topics related to LAR 12-012 "Changes to the PSS," officially submitted on October 9, 2012. The main topic of discussion introduced by the NRC was for the licensee to clarify their reasoning for including a Tier 2 change that did not involve a change to Tier 1 information in the License Amendment Request. The licensee stated that they would review their reasoning. The NRC also requested clarification on the meaning of the phrase "plant life" as it pertains to the re-design of the system. The licensee stated that they would delete the phrase from the request, but had intended for it to be in line with what is found in Table 3.9-21 of the DCD. On the topic of environmental effects, the licensee stated that while the in-plant leakage will increase because there will be more penetrations and piping, the environmental dose estimates will not be affected.

November 1, 2012 Meeting Summary:

Technical staff from the NRC first asked SCE&G to clarify information presented in LAR 12-01, "Additional Electrical Penetration Assemblies." In the submittal the licensee stated in the technical evaluation portion that they had performed an evaluation. The staff asked the licensee to clarify what was meant by that statement, and representatives from SCE&G stated they would address the comment. The staff then confirmed with SNC that they would take note of the comment and address it in their submittal of a similar LAR.

The next topic of discussion was LAR 12-011, "Changes to the CVS." The licensee described the overall change to be requested by this LAR as three distinct changes. First, the licensee will propose to add a bypass line in order to perform the overpressure function of the CVS with respect to the regenerative heat exchangers. Second, the licensee will change a valve in the Zinc injection line to a globe valve, in order to allow constant injection control. Third, the Zinc and Hydrogen injection is currently performed by one line of piping, so the licensee will propose to add a separate line for Hydrogen injection.

NRC technical staff asked the licensee to clarify their labeling scheme on the drawings to be submitted with the LAR. The staff also asked if there were missing information in some of the drawings regarding valve labels and types. The licensee stated that the final submittal will be corrected to include the relevant information. Additionally, the staff sought clarification as to what constituted the Tier 1 change, and what were separate Tier 2 changes. Finally, the staff confirmed with the licensee that no technical specification changes are requested with this LAR, but the technical specification bases will be changed.

L. Burkhart

- 3 -

NRC staff ensured the licensee was implementing lessons learned from previous LAR submittals into future LAR's, and that the changes requested for this LAR had proper justification in the LAR. NRC licensing staff asked the applicant to address the comments included in Enclosure, in its official submittal of LAR 12-011.

At both the October 23 and November 1 meetings, members of the public in attendance did not have any comments or questions for the NRC.

Docket Nos.: 052-025
052-026
052-027
052-028

Enclosures:
As stated

cc w/encls: See next page

NRC staff ensured the licensee was implementing lessons learned from previous LAR submittals into future LAR's, and that the changes requested for this LAR had proper justification in the LAR. NRC licensing staff asked the applicant to address the comments included in Enclosure, in its official submittal of LAR 12-011.

At both the October 23 and November 1 meetings, members of the public in attendance did not have any comments or questions for the NRC.

Docket Nos.: 052-025
052-026
052-027
052-028

Enclosures:
As stated

cc w/encls: See next page

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ADAMS ACCESSION NO.: ML12321A219

NRC-001

OFFICE	LA: DNRL/LB4	PM: DNRL/LB4	(A)BC: DNRL/LB4
NAME	RButler	AMinarik	LBurkhart
DATE	11/21/12	11/26/2012	11/29/2012

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AGENDA FOR PUBLIC MEETING
U.S. NUCLEAR REGULATORY COMMISSION (NRC)
TELECONFERENCE

Tuesday, October 23, 2012

1:00 p.m. – 2:30 p.m.

PURPOSE: To discuss resolution of issues to support the safety review of licensing actions for Southern Nuclear Operating Company's (SNC) Vogtle Electric Generating Plant Units 3 and 4 and South Carolina Electric & Gas's (SCE&G) Virgil C. Summer Nuclear Site Units 2 and 3.

<u>Time</u>	<u>Topic</u>	<u>Led By</u>
1:00 p.m.	Opening Remarks	NRC
1:05 p.m.	Discussion of Issues	NRC/SNC/SCE&G
2:10 p.m.	Opportunity for Public Comment	PUBLIC
2:20 p.m.	Conclusion/Document Actions	NRC
2:30 p.m.	Adjourn	

LIST OF MEETING ATTENDEES
Tuesday, October 23, 2012

Nuclear Regulatory Commission

R. Joshi*
D. Terao*
A. Minarik
L. Burkhart
T. Steingass*

Southern Nuclear Operating Company

B. Meadors*
N. Haggerty*
B. Jacobs*
T. Amundson*
R. Graham*
D. Folton
W. Smith
J. Lumpkin

Westinghouse/Shaw

A. Cardillo*
F. Rippy

Public

B. Jacobs — Georgia Public Service Commission
S. Roetger — Georgia Public Service Commission

Note: All attendees outside of the NRC attended via telephone, as did T. Steingass of the NRC

* = speakers

AGENDA FOR PUBLIC MEETING
U.S. NUCLEAR REGULATORY COMMISSION (NRC)
TELECONFERENCE

Thursday, November 1, 2012

9:00 a.m. – 12:00 Noon

PURPOSE: To discuss resolution of issues to support the safety review of licensing actions for Southern Nuclear Operating Company's (SNC) Vogtle Electric Generating Plant Units 3 and 4 and South Carolina Electric & Gas's (SCE&G) Virgil C. Summer Nuclear Site Units 2 and 3.

<u>Time</u>	<u>Topic</u>	<u>Led By</u>
9:00 a.m.	Opening Remarks	NRC
9:05 a.m.	Discussion of Issues	NRC/SNC/SCE&G
11:40 a.m.	Opportunity for Public Comment	PUBLIC
11:50 a.m.	Conclusion/Document Actions	NRC
12:00 Noon	Adjourn	

LIST OF MEETING ATTENDEES
Thursday, November 1, 2012

Nuclear Regulatory Commission

R. Joshi
D. McGovern
D. Terao
A. Minarik
L. Burkhart
A. Grady
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J. Frost
J. Petrucelli
T. Scarbrough
R. Goel
V. Thomas
M. Shams
B. Tegeler
J. Chuang
C. Hinson
A. Patel
C. Van Wert

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M. Humphrey
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R. Graham
D. Folton
W. Smith
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Westinghouse/Shaw

A. Cardillo*
F. Rippy
S. Leighty

South Carolina Electric & Gas

R. Troficanto
J. Gillespie

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(Revised 09/26/2012)

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(Revised 09/26/2012)

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