

September 30, 2013

MEMORANDUM TO: Lawrence J. Burkhart, Chief
Licensing Branch 4 (LB4)
Division of New Reactor Licensing
Office of New Reactors

FROM: Anthony Minarik, Project Manager */RA Manny Comar for:/*
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Division of New Reactor Licensing
Office of New Reactors

SUBJECT: SUMMARY OF PUBLIC MEETING WITH SOUTHERN NUCLEAR
COMPANY AND SOUTH CAROLINA ELECTRIC & GAS ON
AUGUST 1, 2013

The U.S. Nuclear Regulatory Commission (NRC) held a Category 2 public meeting 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 Nuclear Station (Summer) Units 2 and 3 on August 1, 2013. The topic of discussion at this meeting was a submittal of License Amendment Request (LAR) 13-007, "Turbine Building Battery Room and Electrical Changes" submitted by SNC. This LAR was received by the NRC on July 10, 2013. At this meeting, the NRC had comments and questions regarding licensing issues with the LAR. The input provided by the NRC regarding the submittal of LAR 13-007 by SNC aided the licensee's understanding of modifications needed to be made to the LAR to yield its acceptance by the NRC.

Enclosures 1 and 2 are the meeting agenda and attendance list for the meeting. Enclosure 3 is the list of comments the NRC generated for the licensee. The Agencywide Document Access and Management System Accession Numbers to the other discussed documents are given below:

- 1) SNC Submittal of LAR 13-007 – ML13192A216

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Summary of Meeting

On August 1, 2013, staff from the NRC held a public meeting with representatives from SNC, SCE&G, and Westinghouse Electric Company (WEC) to discuss SNC's submittal of LAR-13-007 for VEGP. Within the license amendment, SNC requested that the NRC allow them to apply the following changes: (1) increasing total equipment capacity, component ratings, and protective device sizing to support increased load demand of the Non-Class 1E dc and Uninterruptible Power Supply System (EDS), (2) relocating equipment and moving Turbine Building first bay EDS Battery Room and Charger Room, and (3) removing the Class 1E dc and Uninterruptible Power Supply System (IDS) Battery Back-up tie to the Non-Class 1E EDS Battery.

At the meeting, NRC staff provided comments (Enclosure 3) to the licensee in order to discuss actions the licensee can take to allow NRC to better understand the license amendment request content (specifically in areas of No Significant Hazards Consideration discussion and applicable regulatory requirements) and accept the LAR for a detailed review. With regards to the exemption, the NRC staff prompted the licensee to reference the LAR within the exemption document or amplify/expand a standalone discussion for Items 4 and 5 under Section 4, "Justification for Exemption." The NRC and SNC also agreed that the exemption needs elaboration on a "minimal change" to the AP1000 Design Control Document. The licensee stated that it will supplement its submittal to address the NRC's comments. No specific date for the supplement was provided by the licensee at this time.

After the business portion of the meeting concluded, members of the public were given the opportunity to ask questions pertinent to the meeting. However, there were no questions or concerns raised by the public.

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

Enclosures:
As stated

cc w/encls: See next page

Summary of Meeting

On August 1, 2013, staff from the NRC held a public meeting with representatives from SNC, SCE&G, and Westinghouse Electric Company (WEC) to discuss SNC's submittal of LAR 13 007 for VEGP. Within the license amendment, SNC requested that the NRC allow them to apply the following changes: (1) increasing total equipment capacity, component ratings, and protective device sizing to support increased load demand of the Non-Class 1E dc and Uninterruptible Power Supply System (EDS), (2) relocating equipment and moving Turbine Building first bay EDS Battery Room and Charger Room, and (3) removing the Class 1E dc and Uninterruptible Power Supply System (IDS) Battery Back-up tie to the Non Class 1E EDS Battery.

At the meeting, NRC staff provided comments (Enclosure 3) to the licensee in order to discuss actions the licensee can take to allow NRC to better understand the license amendment request content (specifically in areas of No Significant Hazards Consideration discussion and applicable regulatory requirements) and accept the LAR for a detailed review. With regards to the exemption, the NRC staff prompted the licensee to reference the LAR within the exemption document or amplify/expand a standalone discussion for Items 4 and 5 under Section 4, "Justification for Exemption." The NRC and SNC also agreed that the exemption needs elaboration on a "minimal change" to the AP1000 Design Control Document. The licensee stated that it will supplement its submittal to address the NRC's comments. No specific date for the supplement was provided by the licensee at this time.

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DATE	9/24/13	09/30/13	09/30/13

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AGENDA FOR PUBLIC MEETING

U.S. NUCLEAR REGULATORY COMMISSION (NRC)

Thursday, August 1, 2013

9:00 a.m. – 9:45 a.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>
9:00 a.m.	Opening Remarks	NRC
9:05 a.m.	Discussion of LAR 13-007	SNC/NRC
9:35 a.m.	Conclusion/Action Items	SNC/SCE&G/NRC
9:40 a.m.	Public Comment	PUBLIC
9:45 a.m.	Adjourn	

LIST OF MEETING ATTENDEES
Thursday, August 1, 2013

Nuclear Regulatory Commission (NRC)

D. McGovern
B. Anderson
R. Joshi*
K. Finn

Southern Nuclear Operating Company*

N. Haggerty
W. Sparkman
W. Smith
M. Flack

South Carolina Electric & Gas*

J. Ezell
D. Reed

Westinghouse Electric Company*

T. Sokolak
G. Strambeck
M. DeMaglio
B. Shebish

Florida Power and Light*

S. Franzone

Public*

S. Barczak – Southern Alliance for Clean Energy
T. Clements—Friends of the Earth

* attended via telephone bridge line

**Comments on License Amendment Request (LAR) 13-007
and Associated Exemption:**

A. LAR 13-007:

1. **Enclosure 1 Section 2.1, page 4 of 21:** Describes changes due to increase in non-class 1E dc and Uninterruptible Power supply System (EDS) total equipment capacity, component ratings, and protective device sizing to support increased load demands. It is the NRC staffs' understanding that these increased loads are inside containment. During a conference call on May 9, 2013, a question was asked regarding any need for additional electrical penetrations (through the containment) to support these loads. SNC stated that it will clarify that question in the revised submittal. NRC staff could not find this clarification.
2. **Section 4.1, Applicable Regulatory Requirements/Criteria (page 15 of 21):** The first regulatory Criterion included refers to Title 10 of the *Code of Federal Regulations* (10 CFR) 52.63(b) and 10 CFR Part 52, Appendix D, Section VIII for Tier 1 departure. The reference is correct but the regulatory requirements are for requesting exemption and not for an LAR (the subject of this enclosure). The exemption request is described in Enclosure 2. Therefore, this requirement does not apply for the LAR.
3. **Section 4.1, Applicable Regulatory Requirements/Criteria (page 15 of 21):** This LAR also requests NRC approval of changes to Appendix C of the combined license (COL). No criteria or regulatory requirements are specified for those changes.
4. **Section 4.3.1 (page 17 of 21 and 18 of 21):** The NRC staff requests SNC explain the design function of the Turbine building (refer to the first paragraph). This section also states that the proposed changes will not affect the Updated Final Safety Analysis Report (UFSAR) analyses postulated radioactive releases. What about other postulated accidents that do not involve radioactive release (other Chapter 15 accidents)? How are those accidents impacted?

B. Exemption:

1. **Section 4 of Enclosure 2, Item 4, Special Circumstances are present (page 5 of 6) second paragraph:** States that the proposed changes to the onsite power system description maintain the design functions of the onsite power system. Please explain why the function would be same as in the rule or under the exemption.
2. **Section 4 of Enclosure 2, Item 5, Special Circumstances outweigh-- (page 5 of 6):** states that this exemption request and associated marked-up tables and figure demonstrate that there is a minimal change from the generic AP1000 DCD. Please explain why the proposed changes are minimal.

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(Revised 07/25/2013)

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(Revised 09/24/2013)

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