

March 31, 2016

MEMORANDUM TO: John McKirgan, Acting Chief
Licensing Branch 4 (LB4)
Division of New Reactor Licensing
Office of New Reactors

FROM: Jordan Hoellman, Project Manager */RA/*
Licensing Branch 4 (LB4)
Division of New Reactor Licensing
Office of New Reactors

SUBJECT: SUMMARY OF A PUBLIC MEETING WITH SOUTHERN NUCLEAR
OPERATING COMPANY AND SOUTH CAROLINA ELECTRIC & GAS
ON FEBRUARY 4, 2016

The U.S. Nuclear Regulatory Commission (NRC) staff held a Category 2 public meeting with Southern Nuclear Operating Company (SNC) and South Carolina Electric & Gas (SCE&G) on February 4, 2016. The purpose of the meeting was to discuss issues associated with the safety review of licensing actions for SNC's Vogtle Electric Generating Plant (VEGP), Units 3 and 4, and SCE&G's Virgil C. Summer Nuclear Station (VCSNS), Units 2 and 3.

The meeting notice can be found in the Agencywide Documents Access and Management System (ADAMS) under accession number ML16019A063. The meeting notice is also posted on the NRC public website. Enclosures 1 and 2 are the meeting agenda and attendance list for the meeting, respectively. The other documents referenced during the discussion can be found at the ADAMS Accession Numbers given below:

1. Vogtle, Units 3 and 4 License Amendment Request (LAR) 15-020 – ML15320A464
2. Public Meeting Talking Points for LAR 15-020 – ML16033A051

CONTACT: Jordan Hoellman, NRO/DNRL
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Summary of Meeting:

On February 4, 2016, staff from the NRC conducted a public meeting with representatives from SNC and SCE&G to discuss issues associated with the safety review of licensing actions for SNC's VEGP, Units 3 and 4, and SCE&G's VCSNS, Units 2 and 3. Specifically, the meeting discussed SNC's LAR 15-020 for the use of localized shoring for composite floors and roof in the auxiliary building.

In the discussion, the staff requested additional details about two specific conditions described in the LAR for the use of shoring to provide temporary support for openings used in construction activities, described in the Public Meeting Talking Points handout. Specifically, the staff asked SNC to clarify the construction sequence of how loads will be transferred from the shoring to the support wall. SNC, through their contractor, Westinghouse Electric Company (WEC), provided the explanation, noting that the steel deck spans between beams and supports the weight of the wet concrete. At the beam seats, temporary shoring will be used in instances where the wall is not fully complete due to construction sequence of wall penetrations. When wall construction is completed, there will be no gap between the beam seat and the steel beam. WEC confirmed, noting that the shoring has no impact on the design of the beams or the behavior of the structure. WEC stated that the localized shoring is only used in isolated incidences at the end of a member if the end cannot be placed during normal construction sequences. The staff understood SNC and WEC's response and noted that these additional details should be explained in the LAR to fully describe the extent of using shoring in construction sequences for these conditions. SNC noted that they plan to submit a voluntary supplement to LAR 15-020 to provide these additional details. The staff stated that they still expect to complete the safety review of this LAR to meet SNC's schedule to support concrete placement for the ceilings and floors of the Auxiliary Building.

At the end of the open portion of the meeting, there was an opportunity for the public to provide comments and ask questions. All comments and questions were addressed before ending the meeting.

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

Enclosure:
As stated

cc w/encls: See next page

Summary of Meeting:

On February 4, 2016, staff from the NRC conducted a public meeting with representatives from SNC and SCE&G to discuss issues associated with the safety review of licensing actions for SNC's VEGP, Units 3 and 4, and SCE&G's VCSNS, Units 2 and 3. Specifically, the meeting discussed SNC's LAR 15-020 for the use of localized shoring for composite floors and roof in the auxiliary building.

In the discussion, the staff requested additional details about two specific conditions described in the LAR for the use of shoring to provide temporary support for openings used in construction activities, described in the Public Meeting Talking Points handout. Specifically, the staff asked SNC to clarify the construction sequence of how loads will be transferred from the shoring to the support wall. SNC, through their contractor, Westinghouse Electric Company (WEC), provided the explanation, noting that the steel deck spans between beams and supports the weight of the wet concrete. At the beam seats, temporary shoring will be used in instances where the wall is not fully complete due to construction sequence of wall penetrations. When wall construction is completed, there will be no gap between the beam seat and the steel beam. WEC confirmed, noting that the shoring has no impact on the design of the beams or the behavior of the structure. WEC stated that the localized shoring is only used in isolated incidences at the end of a member if the end cannot be placed during normal construction sequences. The staff understood SNC and WEC's response and noted that these additional details should be explained in the LAR to fully describe the extent of using shoring in construction sequences for these conditions. SNC noted that they plan to submit a voluntary supplement to LAR 15-020 to provide these additional details. The staff stated that they still expect to complete the safety review of this LAR to meet SNC's schedule to support concrete placement for the ceilings and floors of the Auxiliary Building.

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

Enclosure:
As stated

cc w/encls: See next page

ADAMS Accession No.: ML16075A423

NRC-001

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DATE	3/23/16	3/21/16	3/24/16	3/31/16

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SUBJECT: SUMMARY OF A PUBLIC MEETING WITH SOUTHERN NUCLEAR
OPERATING COMPANY AND SOUTH CAROLINA ELECTRIC & GAS
ON FEBRUARY 4, 2016 DATED MARCH 31, 2016

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(Revised 03/10/2016)

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(Revised 03/10/2016)

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

Thursday, February 4, 2016

9:00 a.m. – 9:30 a.m.

PURPOSE: To discuss issues associated with the safety review of licensing actions for Southern Nuclear Operating Company's (SNC) Vogtle Electric Generating Plant (VEGP), Units 3 and 4, and SCE&G's Virgil C. Summer Nuclear Station (VCSNS), Units 2 and 3.

OPEN

<u>Time</u>	<u>Topic</u>	<u>Led By</u>
9:00 a.m.	Opening Remarks	NRC
9:05 a.m.	Discussion regarding LAR 15-020 Talking Points	NRC/SNC/SCE&G
9:25 a.m.	Opportunity for Public Comment	PUBLIC
9:30 a.m.	Adjourn	

PUBLIC MEETING
UNITED STATES NUCLEAR REGULATORY COMMISSION
Thursday, February 4, 2016
9:00 a.m. – 9:30 a.m.

List of Attendees

Name	Organization
Representing the Nuclear Regulatory Commission	
John McKirgan	NRO/DNRL/LB4
Billy Gleaves	NRO/DNRL/LB4
Jordan Hoellman	NRO/DNRL/LB4
Chandu Patel*	NRO/DNRL/LB4
Sujit Samaddar	NRO/DEIA/SEB
Tze-Jer (Jerry) Chuang	NRO/DEIA/SEB
Peter Hearn	NRO/DNRL/LB4
Ruth Reyes*	NRO/DNRL/LB4
Representing Industry	
Jason Redd*	Southern Nuclear Operating Company (SNC)
Neil Haggerty*	SNC
Paige Ridgway*	SNC
Leon Ray*	SNC
Justin Bouknight*	South Carolina Electric & Gas (SCE&G)
Don Lindgren*	Westinghouse Electric Company (WEC)
Gerry Couture*	WEC
Matt Schmidt*	WEC
Michael Newberry*	WEC
Joe Cole*	WEC
Jeff Castello*	WEC
Representing Public	
Sara Barczak*	Clean Energy
Steve Roetger*	Georgia Public Service Commission
Steve Franzone*	Florida Power and Light

* = participated via teleconference