

March 23, 2015

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

FROM: Chandu Patel, 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 JANUARY 22, 2015

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 January 22, 2015. 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 ML14353A241. 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:

- SNC's Draft License Amendment Request (LAR) 15-003, Containment Hydrogen Igniter Changes — ML15014A230

CONTACT: Chandu Patel, NRO/DNRL
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Summary of Meeting:

On January 22, 2015, 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 presubmittal information regarding SNC's Draft LAR 15-003, Containment Hydrogen Igniter Changes.

SNC presented an overview of the proposed changes described in SNC's Draft LAR 15-003 to modify the design of the hydrogen ignition subsystem by adding two additional igniters to the In-Containment Refueling Water Storage Tank (IRWST) roof vents. The staff had comments and asked clarifying questions regarding some of the proposed changes. Specifically, the staff asked why these changes were being proposed and if additional analyses were performed to determine that the addition of two igniters outside of the IRWST roof vents was sufficient to control the local hydrogen releases from the roof vents. The licensee stated that the changes were being made to meet AP1000 design criteria. They noted that no additional analyses has been performed because the mixing in the volume above the IRWST where the plume is released from the IRWST vents is too complex to be accurately modeled and it will not provide any significant new information. In addition, analysis was not necessary to meet the criteria in Updated Final Safety Analysis Report Table 6.2.4-6 which were developed to ensure appropriate igniters placement without the need to perform complex analysis.

The staff also asked questions regarding the proposed hydrogen igniter control related changes. Specifically, the staff asked why these changes were being proposed. The licensee stated that since the hydrogen igniters are not safety-related, fixed position controls for the hydrogen igniters are not provided in the Protection and Safety Monitoring System (PMS) and the hydrogen igniter signals are not processed through the PMS. The Plant Control System provides manual component soft level controls for nonsafety-related components, including the hydrogen igniters. The licensee stated that these changes involve a clarification related to what kind of control is used, noting that the control itself has not changed. The staff noted that a technical justification for why the control should be a soft level control and not a fixed position control may be needed, and that the Instrumentation and Control staff and Human Factors staff will look more closely at these changes included in the License Amendment Request. The licensee agreed to consider the staff's comments and questions and make appropriate clarifications before the submittal of LAR 15-003.

At the end 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

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Docket Nos.: 052-025
052-026
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ADAMS Accession No.: ML15051A219

NRC-001

OFFICE	PM: DNRL/LB4	LA: DNRL/LB4	BC: DNRL/LB4	PM: DNRL/LB4
NAME	CPatel (c)	RButler	LBurkhart	CPatel (s)
DATE	3/17/15	3/3/15	3/20/15	3/23/15

OFFICIAL RECORD COPY

SUBJECT: SUMMARY OF A PUBLIC MEETING WITH SOUTHERN NUCLEAR OPERATING
COMPANY AND SOUTH CAROLINA ELECTRIC & GAS ON JANUARY 22, 2015
DATED MARCH 23, 2015

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

Thursday, January 22, 2015

9:00 a.m. – 10:00 a.m.

PURPOSE: 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.

OPEN

<u>Time</u>	<u>Topic</u>	<u>Led By</u>
9:00 a.m.	Opening Remarks	NRC
9:10 a.m.	Overview of Changes Proposed in SNC's Draft Licensing Amendment Request (LAR) 15-003	SNC
9:20 a.m.	Open Discussion of Changes Described in Draft LAR	NRC/Westinghouse/ Electric Company/ SNC/SCE&G
9:50 a.m.	Opportunity for Public Comment	PUBLIC
10:00 a.m.	Meeting Adjourns	

PUBLIC MEETING
UNITED STATES NUCLEAR REGULATORY COMMISSION
Thursday, January 22, 2015
9:00 a.m. – 10:00 a.m.

List of Attendees

Name	Organization
Representing the Nuclear Regulatory Commission	
Denise McGovern	NRO/DNRL/LB4
Jordan Hoellman	NRO/DNRL/LB4
John McKirgan	NRO/DSRA/SCVB
Chandu Patel	NRO/DNRL/LB4
David Jaffe	NRO/DNRL/LB4
Boyce Travis	NRO/DSRA/SCVB
Anne-Marie Grady	NRO/DSRA/SCVB
Representing Industry	
Amy Chamberlain *	Southern Nuclear Operating Company
Neil Haggerty *	Southern Nuclear Operating Company
Chris Whitfield *	Southern Nuclear Operating Company
Jason Redd *	Southern Nuclear Operating Company
Todd Hicks *	Southern Nuclear Operating Company
Justin Bouknight *	South Carolina Electric & Gas
Dean Kersey *	South Carolina Electric & Gas
Steve Leighty *	Westinghouse Electric Company
Jim Scobel *	Westinghouse Electric Company
John Watkins *	Westinghouse Electric Company
Representing Public	
Sara Barczak *	Clean Energy

* = participated via teleconference

Vogtle Units 3 & 4 Mailing List

(Revised 03/12/2015)

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(Revised 02/09/2015)

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