

December 19, 2016

MEMORANDUM TO: Jennifer Dixon-Herrity, Chief
Licensing Branch 4
Division of New Reactor Licensing
Office of New Reactors

FROM: Jordan Hoellman, Project Manager */RA/*
Licensing Branch 4
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 OCTOBER 20, 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 October 20, 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 ML16270A201. The meeting notice is also posted on the NRC's 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 presentation regarding Post-Accident Main Control Room (MCR) Operator Dose (PUBLIC) – ML16280A560
- SNC draft Preservice Inspection (PSI) Alternative for Specific Valve to Pipe Welds – ML16278A450
- PSI of Specific Valve to Piping Welds presentation – ML16288A506
- Inspectability Extent of Condition Review presentation – ML16288A507
- SCE&G draft License Amendment Request (LAR) 13-09 R1 S2, "Annex and Radwaste Building Changes" – ML16285A204

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Summary of Meeting:

On October 20, 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 (1) pre-submittal information regarding an SNC proposed LAR related to post-accident MCR operator dose, (2) pre-submittal information regarding an SNC proposed alternative request related to PSI of specific valve to piping welds, and (3) SCE&G's draft supplement to LAR 13-09 and responses to staff's requests for additional information (RAIs).

The first topic discussed was pre-submittal information regarding an SNC proposed LAR related to post-accident MCR operator dose. SNC walked through the presentation, describing the differences in the resolution of the MCR dose issues between the combined license (COL) application departure submitted by Duke Energy Florida, LLC for the Levy Nuclear Plant Units 1 and 2 and the proposed SNC LAR. SNC stated that in addition to the departures included in the COL applications, there are other changes that will be proposed for incorporation into the VEGP Units 3 and 4 COL. SNC explained the four additional changes expected in the LAR and described in the pre-submittal presentation. The staff asked clarification questions and provided feedback regarding the additional proposed changes. The staff noted that they understood the additional changes proposed by SNC and that they would review the LAR when it is submitted by SNC.

The second topic discussed was pre-submittal information regarding an SNC alternative for PSI of specific piping to valve welds. SNC walked through the presentation, describing the alternative for preservice volumetric inspection of specific valve to piping welds. SNC described that the American Society of Mechanical Engineers (ASME) Section III requirements are met for the subject piping to valve welds; however, they cannot be inspected as required by ASME Section XI. SNC explained the scope of the proposed alternative request, including the alternative inspection and technical basis described in the pre-submittal presentation. The staff noted that it was the NRC's and industry's expectation that new reactors would have the ability to do a better job with design for inspectability and with that in mind, asked SNC what other options they considered. With respect to the conditions in the proposed rule regarding ASME Code Case N-824, the staff provided feedback that the alternative request should provide as much detail as possible for each condition to describe how the alternative request is a best effort examination. SNC stated that they understood the staff's comments and would consider the staff's feedback before formally submitting the alternative request.

SNC walked through the "Inspectability Extent of Condition Review" presentation and described the extent of condition of inspectability issues. SNC explained that while some components and pipe connections are designed for inspectability, there is ongoing work being performed and evaluated throughout construction and PSI implementation for fitting to fitting connections and other fitting welds. The staff provided comments and asked if there was a schedule for how the ongoing work and evaluations will develop as construction continues. SNC noted that they would continue to engage with the staff regarding the ongoing work.

The third topic discussed was SCE&G's draft supplement to LAR 13-09 and responses to staff's RAIs. The staff asked clarification questions about the responses and revised Updated Final Safety Analysis Report text. SCE&G stated that they understood the staff's questions and noted that a line was missing in the draft supplement on Page 9 of 15. SCE&G stated that they would revise the supplement, considering the staff's comments, and formally submit the supplement for the staff's review.

At the end of each topic discussed, there was an opportunity for the public to provide comments and ask questions. All comments and questions were addressed before moving to the next topic or ending the meeting.

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

Enclosure:
As stated

cc w/encls: See next page

At the end of each topic discussed, there was an opportunity for the public to provide comments and ask questions. All comments and questions were addressed before moving to the next topic or ending the meeting.

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

Enclosure:
As stated

cc w/encls: See next page

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ADAMS Accession No.: ML16309A489

NRC-001

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DATE	12/15/16	12/13/16	12/16/16	12/15/16

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AGENDA FOR PUBLIC MEETING
U.S. NUCLEAR REGULATORY COMMISSION (NRC)
Thursday, October 20, 2016
9:00 a.m. – 12:00 p.m.

PURPOSE: To discuss issues associated with the safety review of licensing actions for Southern Nuclear Operating Company (SNC) Vogtle Electric Generating Plant (VEGP) Units 3 and 4, and South Carolina Electric and Gas (SCE&G) 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.	<u>First Topic:</u> Pre-submittal discussion regarding an SNC proposed license amendment request related to post-accident main control room operator dose	NRC/SNC/SCE&G/WEC
10:00 a.m.	Opportunity for Public Comment	PUBLIC/NRC
10:15 a.m.	<u>Second Topic:</u> Pre-submittal discussion regarding an SNC proposed alternative request related to preservice inspection of specific valve to piping welds	NRC/SNC/SCE&G/WEC
11:20 a.m.	Opportunity for Public Comment	PUBLIC/NRC
11:25 a.m.	<u>Third Topic:</u> Discussion on SCE&G's draft supplement to LAR 13-09 and responses to staff's requests for additional information	NRC/SNC/SCE&G/WEC
11:50 a.m.	Opportunity for Public Comment	PUBLIC/NRC
12:00 p.m.	Adjourn	

PUBLIC MEETING
UNITED STATES NUCLEAR REGULATORY COMMISSION
Thursday, October 20, 2016
9:00 a.m. – 12:00 p.m.

List of Attendees

Name	Organization
Representing the Nuclear Regulatory Commission	
Chandu Patel	NRO/DNRL/LB4
Jordan Hoellman	NRO/DNRL/LB4
Paul Kallan	NRO/DNRL/LB4
Michelle Hart	NRO/DSEA/RPAC
Ronald LaVera	NRO/DSEA/RPAC
Ed Stutzcage	NRO/DSEA/RPAC
Nan Chien	NRO/DSRA/SCVB
Jason White	NRO/DSEA/RHM1
Matthew Mitchell	NRO/DEIA/MCB
Eric Reichelt	NRO/DEIA/MCB
John Honcharik	NRO/DEIA/MCB
Nicholas McMurray	NRO/DEIA/MCB
Representing Industry	
Amy Aughtman	Southern Nuclear Operating Company (SNC)
Corey Thomas	SNC
Amy Chamberlain	SNC
Keith Dorsey	SNC
Tom McCallum	SNC
David Jones *	SNC
Mark Humphrey *	SNC
Adam Quarles *	SNC
Eddie Grant *	SNC
Jason Redd *	SNC
Mark Wilson *	SNC
April Rice	South Carolina Electric & Gas (SCE&G)
Jerrold Ewing	SCE&G
Mory Diane	SCE&G
Zach Harper	Westinghouse Electric Company (WEC)
Warren Bamford	WEC
Rick Rishel	WEC
Mark Urso	WEC
Paul Gionta	WEC
Eric Henry	WEC
Steven Leighty	WEC

Name	Organization
Jen Meneely	WEC
Jon Durfee	WEC
Corey Hosak *	WEC
Aaron Wilmont *	WEC
Representing Public	
Sara Barczak *	Clean Energy
Kate Lashay *	GA Public Service Commission
Marvin Lewis *	Environmentalist, Inc.
Jim Thornton *	Duke Energy
Dave Waters *	Duke Energy
Rick Orthen *	Florida Power and Light (FPL)
Steve Franzone *	FPL

* = participated via teleconference

Vogtle Units 3 & 4 Mailing List
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Revised (10/28/2016)

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(Revised 10/03/2016)

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