

October 21, 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 AUGUST 25, 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 August 25, 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 ML16209A094. 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:

- Draft request for additional information (RAI) for steam generator (SG) to reactor coolant pump (RCP) weld alternative request – ML16222A797
- SNC's license amendment request (LAR) 16-009, Revision 2, "Structural Design of Auxiliary Building Floors" – ML16225A655

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Summary of Meeting:

On August 25, 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) draft RAI for SG to RCP weld American Society of Mechanical Engineers (ASME) alternative request and (2) SNC and SCE&G LARs 16-009R2 and 14-14R2, respectively, requesting changes to the structural design of the AP1000 auxiliary building floors.

The first topic discussed was the draft RAI regarding the licensee's requests for alternative pre-service inspection requirements for SG nozzle to RCP casing welds. The licensees asked clarification questions regarding the draft RAI to understand the staff's requests. In response to Question 1, the licensees stated that a summary of the fracture mechanics analysis could be provided, including the analysis of postulated vibrations of the SG and RCP. Additionally, the licensees stated that if a full calculation audit of the analysis is needed, it can be supported. The staff noted that, due to the licensee's requested approval date for this alternative request, if their responses provide detailed information to address the staff's requests, an audit may not be necessary to make the required finding.

The second topic discussed was SNC LAR 16-009R2 and SCE&G LAR 14-14R2 requesting changes to the structural design of the AP1000 auxiliary building floors. The staff provided comments on the LAR addressing clarifications and requesting additional information be provided in support of the LAR. Regarding Change Activity 4, the staff asked if the change impacts fire protection or main control room habitability. The licensees noted that the fire protection programs are not changed by this LAR and noted that they would provide additional clarifications. The staff asked the licensees to provide an example of the demand verses capacity for the most severe (most limiting) loading condition for both the finned floors and the CA20 floors. The licensees noted that they would prepare a supplement to the LAR to address all of the staff comments, including revisions to the Updated Final Safety Analysis Report markups to provide clearer descriptions in the text, Table 3H.5-13, and several figures.

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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As stated

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DATE	10/14/2016	10/13/2016	10/20/2016	10/21/2016

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**AGENDA FOR PUBLIC MEETING  
U.S. NUCLEAR REGULATORY COMMISSION (NRC)  
Thursday, August 25, 2016  
9:00 a.m. – 11:30 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 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
9:05 a.m.	<u>First Topic:</u>  Discussion on Draft request for additional information (RAI) for steam generator (SG) to reactor coolant pump (RCP) weld alternative request	NRC/SCE&G/SNC/WEC
10:00 a.m.	Opportunity for Public Comment	PUBLIC/NRC
10:05 a.m.	<u>Second Topic:</u>  Discussion on SNC and SCE&G license amendment requests (LARs) 16-009R2 and 14-14R2, respectively, "Structural Design of Auxiliary Building Floors"	NRC/SNC/SCE&G/ Westinghouse Electric Company
11:15 a.m.	Opportunity for Public Comment	PUBLIC/NRC
11:30 a.m.	Adjourn	

**PUBLIC MEETING**  
**UNITED STATES NUCLEAR REGULATORY COMMISSION**  
**Thursday, August 25, 2016**  
**9:00 a.m. – 11:30 a.m.**

**List of Attendees**

<b>Name</b>	<b>Organization</b>
<b>Representing the Nuclear Regulatory Commission</b>	
Billy Gleaves	NRO/DNRL/LB4
Jordan Hoellman	NRO/DNRL/LB4
Chandu Patel	NRO/DNRL/LB4
Steven Downey	NRO/DEIA/MCB
Sujit Samaddar	NRO/DEIA/SEB
Pravin Patel	NRO/DEIA/SEB
Sunwoo Park	NRO/DEIA/SEB
Alissa Neuhausen	NRO/DEIA/SEB
Thinh Dinh	NRO/DSRA/SPSB
<b>Representing Industry</b>	
Amy Chamberlain *	Southern Nuclear Operating Company (SNC)
Wes Sparkman *	SNC
Corey Thomas *	SNC
Jason Redd *	SNC
Eddie Grant *	SNC
Mark Wilson *	SNC
Fred Willis *	SNC
Paige Ridgway *	SNC
Jeremiah Haswell *	SNC
Nick Kellenberger *	South Carolina Electric & Gas (SCE&G)
Steven Mothena *	SCE&G
Matt Kunkle *	SCE&G
Tod Baker *	Westinghouse Electric Company (WEC)
Rick Rishel *	WEC
Paul Russ *	WEC
Brian McIntyre *	WEC
<b>Representing Public</b>	
Steve Franzone *	Florida Power and Light (FPL)
Ravi Joshi *	Public
Sametha Jones *	GA Public Service Commission

\* = participated via teleconference

Enclosure 2

Vogtle Units 3 & 4 Mailing List  
cc:

Revised (09/28/2016)

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(Revised 09/19/2016)

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