

September 20, 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 JULY 14, 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 July 14, 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 ML16173A388. 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 draft license amendment request (LAR):  
Debris Screen Related Dimensions – ML16169A113
- Clarifications on SNC LAR 15-011 and SCE&G  
LAR 15-15, "Radiologically Controlled Area (RCA)  
Ventilation System (VAS) Design Changes" – ML16195A011
- SCE&G LAR 15-15, "RCA VAS Design Changes" – ML15351A165
- SCE&G LAR 15-15, Clarifications and Figure  
9.4.3-1 (Sheet 2 of 3) notes – ML16196A008

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

On July 14, 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) clarifications of NRC comments on SNC draft LAR, "Debris Screen Related Dimensions," from June 23, 2016, public meeting and (2) SCE&G LAR 15-15 and SNC LAR 15-011, "RCA VAS Design Changes," and NRC staff's clarification questions.

In the first topic discussed, the licensees, through their vendor, Westinghouse Electric Company (WEC), asked the staff to clarify their comments and questions from the June 23, 2016, public meeting. The staff clarified that they are interested in the flow comparisons versus the debris screen size increases and if the normal residual heat removal system flow is preferentially distributed to in-containment refueling water storage tank screens A and B. The staff additionally noted that they want to verify that the flow per screen area is still bounded and that the results of the screen head loss testing that demonstrated acceptability of the screens remains bounding. WEC noted that they understood the staff's comments and would be able to provide the information requested. The staff noted that an audit plan was in process to review the calculations that support the LAR. The licensees confirmed that the calculations were complete and available for staff audit.

The second topic discussed was staff clarification questions on SCE&G LAR 15-15 and SNC LAR 15-011. In response to clarification question 1, the licensees noted that the first and second zones mentioned in the LARs are not numerically specific and are solely grammatical to each respective paragraph. The staff stated that they understood the clarification. In response to clarification question 2, the licensees clarified that all three radiation monitors are capable of starting the containment air filtration system when high airborne radioactivity in the associated exhaust air duct is detected. The staff stated that they understood the clarification, but raised an additional concern associated with an isolation by VAS-RE-008 radiation monitor. Since the pathway to the filtered exhaust is located upstream of the VAS-RE-008 radiation monitor, the alarm in the main control room would clear after isolation. The staff asked if the clearing of the signal would automatically reconfigure the system and if the operators would be trained to expect this. The licensees stated that the system would not automatically reconfigure and that the operators would have to manually reconfigure the system. The staff stated that they would prepare a question requesting (1) a textual description of the isolations caused by each of the radiation monitors and (2) a textual description of how operators will be trained to know to expect the alarm to clear in the described isolation scenario.

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 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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Enclosure:  
As stated

cc w/encls: See next page

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NAME	JHoellman (c)	RButler (c)	JDixon-Herrity (c)	JHoellman (s)
DATE	09/19/16	09/19/16	09/19/16	09/20/16

**OFFICIAL RECORD COPY**

SUBJECT: SUMMARY OF A PUBLIC MEETING WITH SOUTHERN NUCLEAR  
OPERATING COMPANY AND SOUTH CAROLINA ELECTRIC & GAS  
ON JULY 14, 2016 DATED SEPTEMBER 20, 2016

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## AGENDA FOR PUBLIC MEETING

### U.S. NUCLEAR REGULATORY COMMISSION (NRC)

Thursday, July 14, 2016

9:00 a.m. – 11:00 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
9:10 a.m.	Discussion on clarifications of NRC comments on SNC draft License Amendment Request (LAR), "Debris Screen Related Dimensions"	NRC/SNC/SCE&G/Westinghouse Electric Company (WEC)
9:30 a.m.	Opportunity for Public Comment	PUBLIC/NRC
9:45 a.m.	Discussion on SCE&G LAR 15-15 and SNC LAR 15-011, "RCA VAS Design Changes," and NRC staff clarification questions	NRC/SNC/SCE&G/WEC
10:45 a.m.	Opportunity for Public Comment	PUBLIC/NRC
11:00 a.m.	Adjourn	

**PUBLIC MEETING**  
**UNITED STATES NUCLEAR REGULATORY COMMISSION**  
**Thursday, July 14, 2016**  
**9:00 a.m. – 11:00 a.m.**

**List of Attendees**

Name	Organization
<b>Representing the Nuclear Regulatory Commission</b>	
Chandu Patel	NRO/DNRL/LB4
Billy Gleaves	NRO/DNRL/LB4
Jordan Hoellman	NRO/DNRL/LB4
Charlie Hinson	NRO/DSEA/RPAC
Boyce Travis	NRO/DSRA/SCVB
<b>Representing Industry</b>	
Jason Redd *	Southern Nuclear Operating Company (SNC)
Amy Chamberlain *	SNC
David Jones	SNC
Adam Quarles *	SNC
Mark Humphries *	SNC
April Rice *	South Carolina Electric & Gas (SCE&G)
Nick Kellenberger *	SCE&G
Matthew Kunkle *	SCE&G
Zach Harper *	Westinghouse Electric Company (WEC)
Mike Bennett *	WEC
Kevin McNamee *	WEC
Ryan Burda *	WEC
Mike Boyd *	WEC
Tom Kindred *	WEC
Steve Hendrickson *	WEC
Mike Chvala *	WEC
George Wadkins *	WEC
<b>Representing Public</b>	
Gene Soult *	SC Office of Regulatory Staff
Ravi Joshi *	Public

\* = participated via teleconference

Enclosure 2

Vogtle Units 3 & 4 Mailing List

(Revised 07/13/2016)

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(Revised 03/10/2016)

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