

March 20, 2017

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 FEBRUARY 2, 2017

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 2, 2017. 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 ML17010A242. 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:

- Handout for Operator Licensing Charter – ML16364A179
- VCSNS Units 2 and 3 License Amendment Request (LAR) 15-17, Addition of Turbine Building Sump Pumps – ML15273A115
- VCSNS Units 2 and 3 LAR 15-17, Revision 1 – ML16167A045
- VEGP Units 3 and 4 and VCSNS Units 2 and 3 Inspections, Tests, Analyses, and Acceptance Criteria (ITAAC) Closure Notifications (ICNs) and VEGP Unit 3 Uncompleted ITAAC Notifications (UINs) Discussion Topics – ML17025A099

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Summary of Meeting:

On February 2, 2017, 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) the Charter for the path from a Commission Approved Simulation Facility (CAS) to Plant Reference Simulator (PRS); (2) clarifications on staff's comments about VCSNS Units 2 and 3 LAR 15-17 (and VEGP Units 3 and 4 LAR 15-019, which is identical in technical content to LAR 15-17 submitted by SCE&G); and (3) staff comments on VEGP Units 3 and 4 and VCSNS Units 2 and 3 ICNs and VEGP Unit 3 UINs.

The first topic discussed was the Charter for the path from a CAS to a PRS. The staff walked through the associated handout titled, "Charter for Improving the NRC Cold Operator Licensing Process." The licensees asked questions regarding when the industry would be involved in the process and how the final guidance document would be captured. The staff noted that the Charter Review Team, consisting of staff from the Office of New Reactors (NRO) and Region II, will develop recommendations to address operator licensing generically (i.e., not specific to a certain reactor design) and provide them to NRO and Region II management. As recommendations are approved, the staff will develop an Interim Staff Guidance document, which requires stakeholder involvement. The staff noted that the licensees and industry will be informed as those milestones are approached.

The second topic discussed was clarifications on staff comments about VCSNS Units 2 and 3 LAR 15-17 (and VEGP Units 3 and 4 LAR 15-019, which is identical in technical content to LAR 15-17 submitted by SCE&G). The staff noted that Revision 1 of the LAR states, "The addition of the second sump pump in each of the two turbine building main sumps, the increase in capacity for the turbine building main sumps, and expansion of the turbine building at EI. 82'-9" to accommodate the larger sumps have been separately evaluated in accordance with the requirements of 10 CFR 52, Appendix D, Section VIII and determined to not require prior NRC approval." Since these LARs are based on a previous Tier 2 departure, internally evaluated by SCE&G and SNC, the Tier 2 departures need to be reviewed by the staff as part of these LARs. The licensees agreed and stated that they could provide supplements to the LARs that include the Tier 2 information and clearly identify the Tier 2 departures.

The third topic discussed was the VEGP Units 3 and 4 and VCSNS Units 2 and 3 ICNs and VEGP Unit 3 UINs listed in the referenced document. The staff discussed the comments in the "Issue" column of the referenced document. The licensees noted that the submittals provide the level of detail provided in guidance document, Nuclear Energy Institute 08-01, Industry Guideline for the ITAAC Closure Process Under 10 CFR Part 52, and that that level of detail should be satisfactory for ICN completion. SNC also noted that they would revise the ICNs discussed in item No. 16 and the UIN discussed in item No. 14 of the referenced document to incorporate the staff's feedback. The staff and licensees agreed to discuss item Nos. 10, 11, 12, and 17 in a future public meeting.

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

SUMMARY OF A PUBLIC MEETING WITH SOUTHERN NUCLEAR OPERATING COMPANY AND SOUTH CAROLINA ELECTRIC & GAS ON FEBRUARY 2, 2017 DATED MARCH 20, 2017

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ADAMS Accession No.: ML17046A514

NRC-001

OFFICE	PM: DNRL/LB4	LA: DNRL/LB4	BC: DNRL/LB4	PM: DNRL/LB4
NAME	JHoellman (c)	RButler (c)	JDixon-Herrity (c)	JHoellman (s)
DATE	03/17/17	3/16/17	03/20/17	03/20/17

**OFFICIAL RECORD COPY**

**AGENDA FOR PUBLIC MEETING  
U.S. NUCLEAR REGULATORY COMMISSION (NRC)  
Thursday, February 2, 2017  
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'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.	Discussion of Charter for the path from a Commission Approved Simulation Facility (CAS) to Plant Reference Simulator (PRS)	NRC/SNC/SCE&G
10:00 a.m.	Opportunity for Public Comment	PUBLIC/NRC
10:15 a.m.	Discussion of clarifications on staff's comments about VCSNS Units 2 and 3 LAR 15-17 (and VEGP Units 3 and 4 LAR 15-019, which is identical in technical content to LAR 15-17 submitted by SCE&G)	NRC/SNC/SCE&G
10:55 a.m.	Opportunity for Public Comment	PUBLIC/NRC
11:00 a.m.	VEGP Units 3 and 4 and VCSNS Units 2 and 3 Inspections, Tests, Analyses, and Acceptance Criteria (ITAAC) Completion Notifications (ICNs) and VEGP Unit 3 Uncompleted ITAAC Notifications (UINs)	NRC/SCE&G/SNC
11:55 a.m.	Opportunity for Public Comment	PUBLIC/NRC
12:00 p.m.	Adjourn	

**PUBLIC MEETING**  
**UNITED STATES NUCLEAR REGULATORY COMMISSION**  
**Thursday, February 2, 2017**  
**9:00 a.m. – 12:00 p.m.**

**List of Attendees**

Name	Organization
<b>Representing the Nuclear Regulatory Commission</b>	
Jordan Hoellman	NRO/DNRL/LB4
Paul Kallan	NRO/DNRL/LB4
Tanny Santos	NRO/DNRL/LB4
Billy Gleaves	NRO/DNRL/LB4
Chandu Patel	NRO/DNRL/LB4
Christopher Welch *	NRO/DCIP/HOIB
Mark Miller *	RII/DRS
Eugene Guthrie *	RII/DRS/OB2
Mark Bates *	RII/DRS/OB1
Bruno Caballero *	RII/DRS/OB2
Jim Kellum *	NRO/DCIP/HOIB
Garrett Henderson	OGC
Michael Spencer *	OGC
Lauren Kent	NRO/DCIP/HOIB
Ed Kleeh	NRO/DCIP/HOIB
Aida Rivera-Varona	NRO/DCIP/HOIB
Surinder Arora	NRO/DCIP/HOIB
<b>Representing Industry</b>	
Mark Chitty	Southern Nuclear Operating Company (SNC)
Frederick Willis *	SNC
Amy Chamberlain *	SNC
Mike Yox *	SNC
Neil Haggerty *	SNC
John Austin *	SNC
Paige Ridgeway *	SNC
Amanda Pugh *	SNC
Bob Hirmanpour *	SNC
Calvin Marrow *	SNC
David Woods *	SNC
April Rice	South Carolina Electric & Gas (SCE&G)
Al Harris	SCE&G
Andy Barbee	SCE&G

Name	Organization
Paul Mothena	SCE&G
Nick Kellenberger *	SCE&G
Ryder Thompson *	SCE&G
Randy Newton *	SCE&G
Brian Barwick *	SCE&G
Jason Weathersby *	SCE&G
Peter LeRoy *	Westinghouse Electric Company (WEC)
Sarah DiTommaso *	WEC
<b>Representing Public</b>	
Bill Jacobs *	GA Public Service Commission
Sara Barczak *	Southern Alliance for Clean Energy
Gene Soult *	SC Office of Regulatory Staff
Steve Franzone *	Florida Power & Light Company
Mari Jaworski *	Duke Energy

\* = participated via teleconference

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(Revised 02/07/2017)

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(Revised 02/07/2017)

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