

March 9, 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 JANUARY 12, 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 January 12, 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 ML16356A178. 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 Requests for Additional Information (RAIs) regarding VEGP Units 3 and 4 licensing amendment request (LAR) 16-016 and VCSNS Units 2 and 3 LAR 16-11 – ML16364A179
- VCSNS Units 2 and 3 LAR 14-14, Revision 3, Supplement 1, Structural Design of Auxiliary Building Floors – ML16357A257
- VEGP Units 3 and 4 LAR 16-009, Revision 3, Supplement, Structural Design of Auxiliary Building Floors – ML16351A487
- 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 – ML17010A321

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Summary of Meeting:

On January 12, 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) draft RAIs regarding VEGP Units 3 and 4 LAR 16-016 and VCSNS Units 2 and 3 LAR 16-11; (2) clarifications on RAI responses for VCSNS Units 2 and 3 LAR 14-14 and VEGP Units 3 and 4 LAR 16-009, Structural Design of Auxiliary Building Floors; 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 draft RAIs regarding VEGP Units 3 and 4 LAR 16-016 and VCSNS Units 2 and 3 LAR 16-11. The staff described RAI Question 1, noting that the purpose of the RAI is to ensure that the data used justify the non-conforming welds identified in the LAR is only applicable to this specific population of welds and not applicable for future welds that may not receive the appropriate nondestructive examination. The licensees stated that they understood the RAI, but they do not want to use the manufacturer's name in their licensing basis documents. The staff noted that they understood and would internally discuss revising the RAI language. The staff described RAI Question 2, noting that they are requesting (1) additional details related to the hardness testing and (2) an explanation of what "influenced by the fixture weld" means in the LAR. The licensees stated that they understood the staff's request and that they could expand upon these portions of the LAR in a supplement.

The second topic discussed was clarifications on RAI responses for VCSNS Units 2 and 3 LAR 14-14 and VEGP Units 3 and 4 LAR 16-009. The staff noted that, with respect to General Design Criterion (GDC) 19 compliance, it is unclear how much of a gap between the steel plate and wall is acceptable and asked if the licensees could specify the maximum allowable gap in Note 13 to Updated Final Safety Analysis Report Figure 3H.5-9. The licensees stated that the gap is expected to be 0.5" to 2.5" and that other construction constraints specified in the LAR are more limiting than the GDC 19 requirements. The staff stated that they would verify that the LAR complies with the GDC 19 requirements. The staff noted that the response to NRC Staff Question 2 indicates that the updated penetration locations were explicitly evaluated and asked if the input model was changed to reflect the location of the changed penetrations and documented in a calculation package. The licensees stated that the model was changed and that the updated calculation package is available for staff audit, if necessary.

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. The licensees also noted that they would consider revising the ICNs and UINs to incorporate the staff's comments.

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 JANUARY 12, 2017 DATED MARCH 9, 2017

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OFFICE	PM: DNRL/LB4	LA: DNRL/LB4	BC: DNRL/LB4	PM: DNRL/LB4
NAME	JHoellman (c)	RButler (c)	JDixon-Herrity (c)	JHoellman (s)
DATE	3/8/17	3/6/17	3/9/17	3/9/17

**OFFICIAL RECORD COPY**

**AGENDA FOR PUBLIC MEETING  
U.S. NUCLEAR REGULATORY COMMISSION (NRC)  
Thursday, January 12, 2017  
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
9:05 a.m.	Discussion of draft Requests for Additional Information (RAIs) regarding VEGP Units 3 and 4 license amendment request (LAR) 16-016 and VCSNS Units 2 and 3 LAR 16-11	NRC/SCE&G/SNC/WEC
9:40 a.m.	Opportunity for Public Comment	PUBLIC/NRC
9:45 a.m.	Discussion of clarifications on RAI responses for VCSNS Units 2 and 3 LAR 14-14 and VEGP Units 3 and 4 LAR 16-009	NRC/SNC/SCE&G/WEC
10:15 a.m.	Opportunity for Public Comment	PUBLIC/NRC
10:20 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
10:55 a.m.	Opportunity for Public Comment	PUBLIC/NRC
11:00 a.m.	Adjourn	

**PUBLIC MEETING**  
**UNITED STATES NUCLEAR REGULATORY COMMISSION**  
**Thursday, January 12, 2017**  
**9:00 a.m. – 11:00 a.m.**

**List of Attendees**

Name	Organization
<b>Representing the Nuclear Regulatory Commission</b>	
Jordan Hoellman	NRO/DNRL/LB4
Jennifer Dixon-Herrity	NRO/DNRL/LB4
Tanny Santos	NRO/DNRL/LB4
Billy Gleaves	NRO/DNRL/LB4
Chandu Patel	NRO/DNRL/LB4
Peter Hearn	NRO/DNRL/LB4
Shawn Williams	NRR/DORL/LPL2-1
Christopher Welch *	NRO/DCIP/HOIB
Nicholas McMurray	NRO/DEIA/MCB
Matthew Mitchell	NRO/DEIA/MCB
Eric Reichelt	NRO/DEIA/MCB
John Honcharik *	NRO/DEIA/MCB
Edward Stutzcage	NRO/DSEA/RPAC
Ron LaVera	NRO/DSEA/RPAC
Tom Scarbrough *	NRO/DEIA/MEB
Pravin Patel	NRO/DEIA/SEB
Alissa Neuhausen	NRO/DEIA/SEB
Jim Gaslevic	NRO/DCIP/HOIB
Aida Rivera-Varona *	NRO/DCIP/HOIB
Surinder Arora	NRO/DCIP/HOIB
<b>Representing Industry</b>	
Frederick Willis *	Southern Nuclear Operating Company (SNC)
Amy Chamberlain *	SNC
Neil Haggerty *	SNC
Wes Sparkman *	SNC
Paige Ridgeway *	SNC
Jim Marrucci *	SNC
Amanda Pugh *	SNC
Eddie Grant *	SNC
David Jones *	SNC
Bob Hirmanpour *	SNC
Greg Wilson *	SNC

Name	Organization
David Woods *	SNC
Nick Kellenberger *	South Carolina Electric & Gas (SCE&G)
Ryder Thompson *	SCE&G
Mory Diane *	SCE&G
April Rice *	SCE&G
Greg Downs *	SCE&G
Anthony Scoedel *	Westinghouse Electric Company (WEC)
Jim Mermagos *	WEC
Ryan Menzel *	WEC
Si Wu *	WEC
Jesse Clingingsmith *	WEC
Sarah DiTommaso *	WEC
Amanda McGuire *	WEC
<b>Representing Public</b>	
Bill Jacobs *	GA Public Service Commission
Steve Roetger *	GA Public Service Commission
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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