

February 9, 2018

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 ON DECEMBER 14, 2017

The U.S. Nuclear Regulatory Commission (NRC) staff held a Category 1 public meeting with Southern Nuclear Operating Company (SNC) on December 14, 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.

The meeting notice can be found in the Agencywide Documents Access and Management System (ADAMS) under Accession No. ML17325A246. The meeting notice is also posted on the NRC 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:

- Supplement to Request for License Amendment and Exemption: Pipe Rupture Hazard and Flooding Analysis (LAR 17-010S4) – ML17335A762
- Draft Request for License Amendment and Exemption: Changes to Tier 2\* Departure Evaluation Process (LAR 17-037) – ML17339A284

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Summary of Meeting:

On December 14, 2017, staff from the NRC conducted a public meeting with representatives from SNC to discuss issues associated with the safety review of licensing actions for SNC's VEGP Units 3 and 4. Specifically, the meeting discussed (1) SNC's responses to requests for additional information (RAIs) regarding LAR 17-010 and (2) pre-submittal information regarding LAR 17-037.

The first topic discussed was SNC's RAI responses in LAR 17-010S4, specifically the proposed addition to the Updated Final Safety Analysis Report (UFSAR) Subsection 7.1.2.12, Safety-Related Display Instrumentation. The staff explained that it had concerns with the proposed addition because the added language neither adequately nor clearly describes the changes being implemented as a result of LAR 17-010 in such a manner that a knowledgeable member of the public could understand how the newly designed water level instrumentation signal interfaces with the Protection and Safety Monitoring System (PMS) and how the previously described functions of the PMS as described in Chapter 7 of the UFSAR and the PMS Architecture Technical Report will be impacted due to the new level signals interfacing with key components of the PMS as a result of this design change. SNC noted that they understood the staff's concerns and suggested a proposed revision to the language addressing the concerns. The staff noted that the proposed revision seemed to address the concerns but that it would have to be reviewed once the proposed language is formally submitted. SNC agreed to submit a revision to LAR 17-010S4 that includes the proposed revision to UFSAR Subsection 7.1.2.12 within the next few weeks.

The second topic discussed was pre-submittal information regarding LAR 17-037. SNC discussed the proposed LAR, noting that the LAR requests to expand the applicability of the existing Tier 2 departure evaluation process in Title 10 of the *Code of Federal Regulations* (10 CFR) Part 52, Appendix D, Paragraph VIII.B.5, to Tier 2\* information that meet criteria proposed in a new License Condition without a license amendment. SNC stated that the proposal is intended to be in line with the staff's lessons learned related to Tier 2\* discussed in SECY-17-0075, "Planned Improvements in Design Certification Tiered Information Designations" (ADAMS Accession No. ML16196A321). Additionally, SNC stated that the proposed approach for the treatment of Tier 2\* departures would require NRC approval for all safety-significant departures. The staff noted that they understood SNC's proposed LAR and provided comments and asked clarifying questions. Specifically, the staff asked how the proposed LAR impacts human factors engineering, structural critical sections, and fuel design; if the proposed License Condition should include specific reporting requirements for Tier 2\* departures that meet the criteria; and if SNC could provide examples of how the proposed process would be applied. SNC noted that they would consider the staff's comments and revise the LAR, if necessary, before formally submitting the LAR.

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

Docket Nos.: 052-025  
052-026

Enclosure:  
As stated

cc w/encls: See next page

SUMMARY OF A PUBLIC MEETING WITH SOUTHERN NUCLEAR OPERATING COMPANY  
ON DECEMBER 14, 2017 DATED FEBRUARY 9, 2018

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ADAMS Accession No.: ML18031A409

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	2/9/18	2/8/18	2/9/18	2/9/18

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**AGENDA FOR PUBLIC MEETING  
U.S. NUCLEAR REGULATORY COMMISSION (NRC)  
Thursday, December 14, 2017  
10:00 a.m. – 12:30 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.

**OPEN**

<u>Time</u>	<u>Topic</u>	<u>Led By</u>
10:00 a.m.	Opening Remarks	NRC
10:05 a.m.	Discussion of SNC's responses to requests for additional information (RAIs) regarding License Amendment Request (LAR) 17-010	NRC/SNC
10:30 a.m.	Opportunity for Public Comment	PUBLIC/NRC
10:35 a.m.	Discussion of pre-submittal information regarding LAR 17-037	NRC/SNC
12:30 p.m.	Opportunity for Public Comment	PUBLIC/NRC
12:30 p.m.	Adjourn	

**PUBLIC MEETING**  
**UNITED STATES NUCLEAR REGULATORY COMMISSION**  
**Thursday, December 14, 2017**  
**10:00 a.m. – 12:30 p.m.**

**List of Attendees**

Name	Organization
<b>Representing the Nuclear Regulatory Commission</b>	
Jordan Hoellman	NRO/DNRL/LB4
Jennifer Dixon-Herrity	NRO/DNRL/LB4
Billy Gleaves	NRO/DNRL/LB4
Chandu Patel	NRO/DNRL/LB4
Don Habib	NRO/DNRL/LB4
Anna Bradford	NRO/DNRL
Frank Akstulewicz	NRO/DNRL
Andy Campbell	NRO/DSEA
Bob Caldwell *	NRO/DEI
Joe Williams	NRO/DSRA/ARPB
Joe Colaccino	NRO/DNRL/LB3
Diane Jackson	NRO/DSRA/SCVB
Raj Goel	NRO/DSRA/SCVB
Sujit Samaddar	NRO/DEI/SEB
Pravin Patel *	NRO/DEI/SEB
Ata Istar	NRO/DEI/SEB
Vaughn Thomas	NRO/DEI/SEB
Rebecca Karas	NRO/DSRA/SRSB
Chris Van Wert	NRO/DSRA/SRSB
John Honcharik	NRO/DEI/MCB
Greg Makar	NRO/DEI/MCB
Tuan Le	NRO/DEI/MEB
Jack Zhao	NRO/DEI/ICE
Bill Roggenbrodt *	NRO/DEI/ICE
Dinesh Taneja *	NRO/DEI/ICE
Barbara Hayes *	NRO/DNRL/LB3
Bob Weisman	OGC/GCHEA/AGCNRP
Brian Green	NRO/DCIP/HOIB
Andrea Johnson	NRO/DCIP/CIPB
Ian Spivack	NRO/DCIP/CIPB
John Frost	NSIR/DPCP/RSB
<b>Representing Industry</b>	
Jason Redd	Southern Nuclear Operating Company (SNC)

Name	Organization
Neil Haggerty	SNC
Charles Pierce	SNC
Ted Amundson	SNC
Amy Chamberlain *	SNC
Tom Hicks *	SNC
Amanda Pugh *	SNC
Eddie Grant *	SNC
Wes Sparkman *	SNC
<b>Representing Public</b>	
Russ Bell	Nuclear Energy Institute
Bill Jacobs *	GA Public Service Commission

\* = participated via teleconference

Vogtle Units 3 & 4 Mailing List

(Revised 01/29/2018)

cc:

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Burke County Commission  
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