



UNITED STATES
NUCLEAR REGULATORY COMMISSION
WASHINGTON, D.C. 20555-0001

December 10, 2018

MEMORANDUM TO: Jennifer L. Dixon-Herrity, Chief
Licensing Branch 4
Division of Licensing, Siting, and
Environmental Analysis
Office of New Reactors

FROM: Jordan Hoellman, Project Manager /RA/
Licensing Branch 4
Division of Licensing, Siting, and
Environmental Analysis
Office of New Reactors

SUBJECT: SUMMARY OF A PUBLIC MEETING WITH SOUTHERN NUCLEAR
OPERATING COMPANY ON OCTOBER 25, 2018

The U.S. Nuclear Regulatory Commission (NRC) staff held a Category 1 public meeting with Southern Nuclear Operating Company (SNC) on October 25, 2018. 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. ML18263A187. 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 Nos. given below:

- License Amendment Request (LAR) 18-021, Power Operated Relief Valve (PORV) Noise Mitigation, Revision 1 (LAR-18-021R1) – ML18284A447
- Draft Requests for Additional Information (RAIs) Nos. 1 and 2 for LAR 18-021 – ML18278A291
- Clarification Topics for LAR 18-016, Normal Residual Heat Removal System (RNS) Pump Testing Inspections, Tests, Analyses, and Acceptance Criteria (ITAAC) Changes – ML18290A653

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

On October 25, 2018, 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) Revision 1 to LAR 18-021 and (2) clarification topics regarding LAR 18-016.

The first topic discussed was Revision 1 to LAR 18-021. This conference call was requested by SNC to discuss draft RAIs Nos. 1 and 2, the responses which, due to timing, were not able to be incorporated into LAR 18-021, Revision 1, dated October 11, 2018. SNC and NRC staff discussed the level of detail in LAR-18-021R1 and the level of detail requested by draft RAIs Nos. 1 and 2. SNC discussed the draft RAIs and information supporting SNC's statements in their LAR. SNC stated that many of the calculations supporting its request are located in the Westinghouse Electric Company (Westinghouse) electronic reading room and may be included in the NRC's audit review. SNC requested that NRC hold all current draft RAIs until such point as all review issues have been identified in the regulatory audit. In order to avoid multiple issuances of RAIs and multiple responses to RAIs, SNC requested that NRC collect all draft RAIs and issue them at one time. NRC agreed.

The second topic discussed was clarification topics regarding LAR 18-016. The staff noted that LAR 18-016 proposes a change to the acceptance criteria for the RNS midloop flowrate ITAAC to clarify that the RNS pumps should be tested individually because operation of both RNS pumps at the same time with reactor coolant system (RCS) hotleg water level at 50 percent is not advised as it imposes the risk of air entrainment due to vortexing at the common suction takeoff, which could damage the pumps. The staff discussed that the purpose of the meeting was to better understand the changes proposed in the LAR, specifically to confirm that the amount of air entrainment (and RCS level perturbation during midloop) is negligible. The staff and SNC discussed the clarification topics, and SNC clarified that the critical vortex water level elevation is above 30 percent for one RNS pump and above 50 percent for both RNS pumps in operation. The staff stated that they appreciated the additional clarifications provided in the meeting and that they would consider the clarifications in determining if any RAIs or an additional clarification call is needed to complete the review.

At the end of each topic, there was an opportunity for the public to provide comments and ask questions. There were no questions or comments from members of the public.

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 OCTOBER 25, 2018 DATED: DECEMBER 10, 2018

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ADAMS Accession No.: ML18323A340

*via e-mail

NRC-001

OFFICE	PM: DLSE/LB4	LA: DLSE/LB4	BC: DLSE/LB4	PM: DLSE/LB4
NAME	JHoellman (c)	RButler (c)	JDixon-Herrity (c)	JHoellman (s)
DATE	12/4/18	12/4/18	12/10/18	12/4/18

OFFICIAL RECORD COPY

**AGENDA FOR PUBLIC MEETING
U.S. NUCLEAR REGULATORY COMMISSION (NRC)
Thursday, October 25, 2018
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.

OPEN

<u>Time</u>	<u>Topic</u>	<u>Led By</u>
9:00 a.m.	Opening Remarks	NRC
9:05 a.m.	Discussion of License Amendment Request (LAR) 18-021, Power Operated Relief Valve (PORV) Noise Mitigation, Revision 1	NRC/SNC/Westinghouse
10:10 a.m.	Opportunity for Public Comment	PUBLIC/NRC
10:15 a.m.	Discussion of technical details regarding LAR 18-016, Normal Residual Heat Removal System (RNS) Pump Testing Inspections, Tests, Analyses, and Acceptance Criteria (ITAAC) Changes	NRC/SNC/Westinghouse
11:30 a.m.	Opportunity for Public Comment	PUBLIC/NRC
11:30 a.m.	Adjourn	

Enclosure 1

PUBLIC MEETING
U.S. NUCLEAR REGULATORY COMMISSION
Thursday, October 25, 2018
9:00 a.m. – 11:30 a.m.

List of Attendees

Name	Organization
Representing the Nuclear Regulatory Commission	
Jordan Hoellman	NRO/DLSE/LB4
Chandu Patel	NRO/DLSE/LB4
Billy Gleaves	NRO/DLSE/LB4
Jennifer Dixon-Herrity	NRO/DLSE/LB4
Tim Lupold	NRO/DEI/MEB
Tom Scarbrough	NRO/DEI/MEB
Renee Li	NRO/DEI/MEB
Yuken Wong	NRO/DEI/MEB
Danny Chien	NRO/DSRA/SCVB
Maryam Khan	NRO/DEI/SEB
Pravin Patel	NRO/DEI/SEB
Marie Pohida	NRO/DSRA/SPRA
Malcolm Patterson *	NRO/DSRA/SPRA
John Frost *	NSIR
Representing Industry	
Amy Chamberlain *	Southern Nuclear Operating Company (SNC)
Adam Quarles *	SNC
Stephanie Agee *	SNC
Darrell Wade *	SNC
Zach Harper *	Westinghouse Electric Company (Westinghouse)
John Durfee *	Westinghouse
Jason Eisenhauer *	Westinghouse
Ryan Menzel *	Westinghouse
Paul Wick *	Westinghouse
Adana Standish *	Westinghouse
Representing Public	
N/A	

* = participated via teleconference

Enclosure 2

Vogtle Units 3 & 4 Mailing List
cc:

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Burke County Commission
Waynesboro, GA 30830

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Gwendolyn Jackson
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Executive Secretary
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Atlanta, GA 30334

(Revised 08/16/2018)

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