



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

June 20, 2018

MEMORANDUM TO: Jennifer 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 MAY 3, 2018

The U.S. Nuclear Regulatory Commission (NRC) staff held a Category 1 public meeting with Southern Nuclear Operating Company (SNC) on May 3, 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. ML18110A120. 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) 17-041,
Changes to Natural Circulation and Passive Residual Heat Removal Heat Exchanger Startup Tests – ML17321B080
- Draft Request for Additional Information (RAI)
Responses for LAR 17-037, Changes to Tier 2* Departure Evaluation Process – ML18116A009

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

On May 3, 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) SNC's draft RAI responses related to LAR 17-037 and (2) clarification questions regarding LAR 17-041.

The first topic discussed was SNC's LAR 17-037 draft RAI response regarding the AP1000 reactor coolant pump (RCP) design. The staff stated that they reviewed SNC's draft RAI response and noted that since only the canned motor type RCP was reviewed as part of the AP1000 Design Certification (DC), the "canned motor" RCP type should be specifically included in Criterion 2 of the proposed License Condition 2.d(13)(a), which would require NRC approval if any change to the RCP design was proposed. The staff and SNC agreed that because the AP1000 RCP design's safety-related functions include its sealless feature and because the RCP serves as a reactor coolant system (RCS) pressure boundary, any change to the RCP design would require NRC approval per the criteria of Title 10 of the *Code of Federal Regulations* (10 CFR) Part 52, Appendix D, paragraph VIII.B.5. SNC stated that they would review their response and revise it, as necessary, before formally submitting the response.

The second topic discussed was clarifications regarding LAR 17-041. Specifically, the staff asked clarifying questions regarding the second bullet on Page 8 of 9 in Enclosure 2 about chemical volume control system (CVS) auxiliary spray and letdown flow path are operable for controlling pressurizer pressure and level after RCPs are shutoff. SNC described that the bullet is intended to be a valve line up prerequisite to ensure the CVS is properly configured and available for use after RCPs are tripped. SNC discussed that while the term "shutoff" is not readily used, they decided to leave it since the Updated Final Safety Analysis Report (UFSAR) section on this test was previously approved with the term and it is descriptive for the condition discussed in the bullet. Further, SNC stated that as part of the detailed procedure, operators would have to reduce RCS pressure to conduct the test, and therefore, auxiliary spray control is needed for the test. Additionally, SNC discussed that training for this test has been performed on their plant simulator. The staff noted that they understood SNC's clarification.

The third topic discussed was SNC's LAR 17-037 draft RAI response regarding AP1000 critical sections. The staff noted that further internal discussions were needed before an official staff position could be discussed with SNC. With that understanding, the staff and SNC proceeded to discuss how the LAR and proposed License Condition apply to critical sections. SNC discussed that the Tier 2* information in Section 3.H of the UFSAR for reinforced concrete includes the area of steel provided and the demand to capacity ratio for critical sections. SNC discussed that the intent of the LAR is to allow proposed changes to Tier 2* information to be evaluated through an internal SNC screening process and implemented without prior NRC approval for changes determined to have low safety significance. Regarding critical sections, SNC discussed construction related examples where they foresee using this new process, such as interferences that would require using an area of steel different from what is specified in the UFSAR. SNC stated that they would review their response and revise it, as necessary, before formally submitting the response.

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 MAY 3, 2018 DATED: JUNE 20, 2018

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ADAMS Accession No.: ML18170A060

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	6/20/18	6/18/18	6/20/18	6/20/18

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**AGENDA FOR PUBLIC MEETING
U.S. NUCLEAR REGULATORY COMMISSION (NRC)
Thursday, May 3, 2018
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.

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) 17-037 Request for Additional Information (RAI) Response related to Reactor Coolant Pump Design	NRC/SNC
9:20 a.m.	Opportunity for Public Comment	PUBLIC/NRC
9:25 a.m.	Discussion of clarification questions related to LAR 17-041	NRC/SNC
9:40 a.m.	Opportunity for Public Comment	PUBLIC/NRC
9:40 a.m.	Discussion of LAR 17-037 RAI Response related to Critical Sections	NRC/SNC
11:00 a.m.	Opportunity for Public Comment	PUBLIC/NRC
11:00 a.m.	Adjourn	

Enclosure 1

PUBLIC MEETING
U.S. NUCLEAR REGULATORY COMMISSION
Thursday, May 3, 2018
9:00 a.m. – 11:00 a.m.

List of Attendees

Name	Organization
Representing the Nuclear Regulatory Commission	
Jordan Hoellman	NRO/DNRL/LB4
Chandu Patel	NRO/DNRL/LB4
Jennifer Dixon-Herrity	NRO/DNRL/LB4
Don Habib	NRO/DNRL/LB4
Frank Akstulewicz	NRO/DEI
Matthew Mitchell	NRO/DEI/MCB
John Honcharik *	NRO/DEI/MCB
Donald Palmrose	NRO/DSRA/SRSB
Pravin Patel	NRO/DEI/SEB
Marieliz Vera	NRO/DEI/SEB
John Frost *	NSIR
Representing Industry	
Jason Redd	Southern Nuclear Operating Company (SNC)
Tom Hicks	SNC
Amy Aughtman *	SNC
Wes Sparkman	SNC
Neil Haggerty *	SNC
Brad Chamberlain *	SNC
Amanda Pugh *	SNC
Ted Amundson	SNC
Shayan Sinha *	Westinghouse Electric Company (Westinghouse)
Tod Baker *	Westinghouse
Pat Tilley *	Westinghouse
Representing Public	
Steve Franzone *	Florida Power & Light Company (FPL)
Steve Pope *	NuScale
Bill Jacobs *	GA Public Service Commission
Russ Bell	Nuclear Energy Institute (NEI)

* = participated via teleconference

Enclosure 2

Vogtle Units 3 & 4 Mailing List
cc:

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Gwendolyn Jackson
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Executive Secretary
Georgia Public Service Commission
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(Revised 03/13/2018)

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