



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

May 4, 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 APRIL 12, 2018

The U.S. Nuclear Regulatory Commission (NRC) staff held a Category 1 public meeting with Southern Nuclear Operating Company (SNC) on April 12, 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. ML18082A041. 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:

- Draft Request for Additional Information (RAI)  
Regarding License Amendment Request (LAR) 17-037, Changes to Tier 2\* Departure Evaluation Process – ML18089A652
- SNC Clarifications regarding draft RAIs for LAR 17-037 – ML18099A362
- LAR 17-037 RAI Response (LAR 17-037S1) – ML18096B328

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Summary of Meeting:

On April 12, 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) draft RAIs regarding LAR 17-037 and (2) SNC's Supplement to LAR 17-037 containing RAI responses.

The first topic discussed was draft RAIs regarding LAR 17-037. The staff and SNC discussed the clarifications regarding the draft RAI questions. The staff confirmed that the two structural Tier 2\* items of concern are related to steel-concrete (SC) modular construction and capacity aspects, such as provided area of steel and demand to capacity ratio tables for critical sections using reinforced concrete. The staff discussed that since the staff's safety finding for the AP1000 design certification relied on information from analyses and tests in combination with codes and standards for the SC modules, it is unclear how Criterion 1 of the proposed license condition would be applied to changes to the SC modules that didn't involve a deviation from a code or standard. The staff and SNC agreed that further discussion on this topic was needed at a future public meeting.

The second topic discussed was SNC's responses to RAIs regarding LAR 17-037. Draft responses for these RAIs were discussed in a public meeting on March 29, 2018. In the response to RAI Question 3, the staff discussed that the statement at the end of the second paragraph, "... any non-conservative change to the Tier 2\* test would trigger the paragraph VII.B.5.b.(2) criterion" should be clarified to state more specifically reiterate what is stated at the beginning of the second paragraph. Specifically, the staff discussed that conservative changes to certain parameters could reduce or adversely alter the design and qualification provisions based on American Society of Mechanical Engineers (ASME) Qualification of Active Mechanical Equipment Used in Nuclear Facilities (QME-1). SNC stated that they understood the staff's comments and agreed that they sentence could be clarified to more accurately capture the intention of the sentence. Regarding the response to RAI Question 2, the staff noted that the ASME Code does not postulate pipe rupture. The staff noted that they would provide further written clarification regarding the clarification discussed for the response to RAI Question 2, which can be found at ADAMS Accession No. ML18107A587.

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 APRIL 12, 2018 DATED MAY 4, 2018

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ADAMS Accession No.: ML18113A131

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	5/4/18	5/4/18	5/4/18	5/4/18

**OFFICIAL RECORD COPY**

**AGENDA FOR PUBLIC MEETING  
U.S. NUCLEAR REGULATORY COMMISSION (NRC)  
Thursday, April 12, 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 draft Request for Additional Information (RAI) Regarding License Amendment Request (LAR) 17-037	NRC/SNC
9:50 a.m.	Opportunity for Public Comment	PUBLIC/NRC
10:05 a.m.	Discussion of LAR 17-037 Request for Additional Information (RAI) Responses Regarding (LAR 17-037S1)	NRC/SNC
10:55 a.m.	Opportunity for Public Comment	PUBLIC/NRC
11:00 a.m.	Adjourn	

Enclosure 1

**PUBLIC MEETING**  
**U.S. NUCLEAR REGULATORY COMMISSION**  
**Thursday, April 12, 2018**  
**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
Chandu Patel	NRO/DNRL/LB4
Jennifer Dixon-Herrity	NRO/DNRL/LB4
Don Habib	NRO/DNRL/LB4
Sujit Samaddar	NRO/DEI/SEB
Pravin Patel	NRO/DEI/SEB
Tom Scarbrough *	NRO/DEI/MEB
Nick Hansing *	NRO/DEI/MEB
John Frost *	NSIR
<b>Representing Industry</b>	
Jason Redd *	Southern Nuclear Operating Company (SNC)
Tom Hicks *	SNC
Amy Aughtman *	SNC
Wes Sparkman *	SNC
Amanda Pugh	SNC
Ted Amundson *	SNC
Tom Petrak	SNC
Chuck Pierce *	SNC
Kara Stacy *	SNC
<b>Representing Public</b>	
Steve Franzone *	Florida Power & Light Company (FPL)
Ravi Joshi *	Public
Rob Berg *	EPM
Bill Jacobs *	GA Public Service Commission

\* = participated via teleconference

Enclosure 2

Vogtle Units 3 & 4 Mailing List

(Revised 03/13/2018)

cc:

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Burke County Commission  
Waynesboro, GA 30830

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