



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

June 12, 2019

MEMORANDUM TO: Jennifer Dixon-Herrity, Chief  
Licensing Branch 2  
Division of Licensing, Siting,  
and Environmental Analysis  
Office of New Reactors

FROM: William (Billy) Gleaves, Sr. Project Manager /RA/  
Licensing Branch 2  
Division of Licensing, Siting,  
and Environmental Analysis  
Office of New Reactors

SUBJECT: SUMMARY OF A PUBLIC MEETING WITH SOUTHERN NUCLEAR  
OPERATING COMPANY ON MAY 23, 2019 (EPID A17008)

The U.S. Nuclear Regulatory Commission (NRC) staff held a Category 1 public meeting with Southern Nuclear Operating Company's (SNC) staff and contractors at NRC Headquarters, One White Flint North, 11555 Rockville Pike, Rockville, Maryland on May 23, 2019. The purpose of the meeting was to have SNC make a pre-submittal presentation on License Amendment Request (LAR) 19-003 (WEC 164) "Reconciliation of Detailed AP1000 Radiation Analyses," and to have technical exchange discussions associated with LAR 19-010 (WEC 163), "Heat-up of Auxiliary Building Rooms following Loss of HVAC or Loss of all AC Power," and LAR 19-009 (WEC 80), "Small Break Loss-of-Coolant Accident (SBLOCA) Analysis Updates," all for the 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 Number ML19074A017. 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 meeting slides referenced during the discussion can be found at the ADAMS Accession Numbers below:

- "2019/05/16 Vogtle COL Docs - [External Sender] Slides for 5/23 Public Meeting" – ML19141A339
- "2019/05/21 Vogtle COL Docs - FW: Emailing: LAR Slides for Emailing to the Public" – ML19141A343

CONTACT: Billy Gleaves, NRO/DLSE/LB2  
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Summary of Meeting:

On May 23, 2019, at approximately 9:02 a.m., the NRC staff started a public meeting with representatives from SNC and its contractors to discuss feedback for its pre-application and pre-submittal presentations for three potential licensing actions for SNC's VEGP Units 3 and 4. Specifically, the meeting discussed (1) a pre-submittal presentation for LAR 19-003 (WEC 164) "Reconciliation of Detailed AP1000 Radiation Analyses," (2) a pre-application technical exchange on LAR 19-010 (WEC 163), "Heat-up of Auxiliary Building Rooms following Loss of HVAC or Loss of all AC Power," and (3) a pre-application technical exchange on LAR 19-009 (WEC 80), "Small Break Loss-of-Coolant Accident (SBLOCA) Analysis Updates," for VEGP Units 3 and 4.

The first discussion item started at 9:05 a.m. was for the pre-submittal presentation for LAR 19-003 (WEC 164). This discussion is called a pre-submittal discussion because the related technical exchange meeting occurred on March 26, 2019. The purpose of this SNC presentation was to seek feedback from the NRC on the draft LAR, including how it relates to the in-containment refueling water storage tank (IRWST) source term information. The staff stated that it would expect to see the IRWST source term(s) in the application with a listing of radionuclides and/or energies and not just a general description of the source in the Final Safety Analysis Report (FSAR). The staff stated that it may have to review the detailed calculations supporting this request, therefore an audit may be required. The staff asked about environmental qualification and why the regulatory basis did not include 10 CFR 50.49. SNC stated that they would include a statement on the equipment impacted by the IRWST. SNC stated that it plans to submit this LAR to the NRC by June 2019. At the end of the presentation and discussion of staff questions, questions from any members of the public were requested, but none were offered.

At 9:36 a.m., the second discussion item was a pre-application technical exchange on LAR 19-010 (WEC 163). SNC stated that the purpose of this change is to reflect updated information since these calculations were completed originally for the AP1000 design certification. The staff stated that the proposed LAR should be clear on the impact of these changes on the main control room heat up analysis. The staff stated that SNC should be clear on the impact of these changes on American Concrete Institute (ACI)-349 "Code Requirements for Nuclear Safety-Related Concrete Structures and Commentary," temperature limits. SNC stated its intention to pre-submit this LAR to staff for discussion before early August 2019 and to submit the LAR before late August 2019 with a 6-month review requested to support inspection, test, analysis, and acceptance criteria (ITAAC) closure. At the end of this discussion, NRC requested public comments and received none.

At 10:00 a.m. the meeting was paused for a break and restarted at 10:12 a.m. for the pre-application technical exchange on LAR 19-009 (WEC 80) "Small Break Loss-of-Coolant Accident (SBLOCA) Analysis Updates." The staff had questions as to the changes proposed for the Stage 1 Automatic Depressurization System valve and the associated isolation valves. The staff had questions about changes to the equipment qualification of the valves and their actuators. When discussing changes to the flow area, the staff stated that this would likely require an audit of the supporting calculations. SNC stated that they expect to request a pre-submittal meeting on this proposed LAR before early July 2019 with submittal before August 2019 with a 6-month review requested.

When requested by the staff, there were no comments or questions from members of the public.  
The meeting ended at 11:25 a.m.

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 23, 2019 (EPID A17008) DATED: **JUNE 12, 2019**

**DISTRIBUTION:**

PUBLIC	CPatel, NRO	JDixon-Herrity, NRO	ABarrett, NRO
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ADAMS Accession No.: ML19154A558

NRC-008

OFFICE	PM: DLSE/LB2	LA: DLSE/LB2	BC: DLSE/LB2	PM: DLSE/LB2
NAME	WGleaves	RButler	JDixon-Herrity	WGleaves (s)
DATE	6/10/19	6/6/19	6/10/19	6/12/19

**OFFICIAL RECORD COPY**

## PUBLIC MEETING AGENDA

### Notice of Meeting with Southern Nuclear Operating Company

May 23, 2019, 9:00 a.m. to 12:00 p.m.

Teleconference

<i>Time</i>	<i>Topic</i>	<i>Organizational Lead</i>
<b><u>OPEN</u></b>		
9:00 a.m.	Opening Remarks	NRC
9:05 a.m.	Discussion of Identified Topics	NRC/SNC
	Opportunity for Public Comment (after each topic)	PUBLIC/NRC
	Open Portion Concludes (if needed)	
<b><u>CLOSED</u></b>		
	Proprietary-Related Topics	NRC/SNC
12:00 p.m.	Adjourn	

Enclosure 1

**PUBLIC MEETING**  
**U.S. NUCLEAR REGULATORY COMMISSION**  
**Thursday, May 23, 2019**  
**9:00 a.m. – 12:00 p.m.**

<b>List of Attendees</b>	
<b>Name</b>	<b>Organization</b>
<b>Representing the Nuclear Regulatory Commission</b>	
Billy Gleaves	NRO/DLSE/LB2
Chandu Patel	NRO/DLSE/LB2
Anne-Marie Grady	NRO/DESR/SPRA
Sheila Ray	NRR/DE/EENB
Antonio Barrett	NRO/DESR/SRSB
Ryan Nolan	NRO/DESR/SRSB
T.R. Tjader	NRR/STSB
Tim Lupold	NRO/DESR/MEB
Ed Stutzcage	NRO/DLSE/RGRB
Pravin Patel	NRO/DESR/SEB
Thomas Scarbrough	NRO/DESR/MEB
Nan Chien	NRO/DESR/SPRA
Malcolm Patterson*	NRO/DESR/SPRA
Tarico Sweat*	NRR/STSB
Chris Welch*	NRO/DLSE/CIPB
<b>Representing Applicant/Licensee</b>	
Amy Chamberlain	Southern Nuclear Operating Company (SNC)
Amy Aughtman	SNC
Keith Dorsey	SNC
Key Warren	SNC
Eddie Grant	SNC/Excel
Brad Chamberlain*	SNC
Adam Quarles*	SNC
Matt Humphrey*	SNC
Neil Haggerty*	SNC
George Wadkins*	SNC
Yasmeen Arafeh*	SNC
Jason Eisenhauer	Westinghouse Electric Company (WEC)
Mike Patterson	WEC
Anthony Schoedel	WEC

Enclosure 2

John Kirkwood*	WEC
Zachary Harper*	WEC
Kevin May*	WEC
Mark Sheaffer*	WEC
Anthony Trupiano*	WEC
Bob Pinkston*	WEC
Jen Meneely*	WEC
Jesse Klingensmith*	WEC
David McDevitt*	WEC
<b>Representing Public</b>	
None	

\* participated via teleconference

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(Revised 05/08/2019)

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