

June 17, 2016

MEMORANDUM TO: Jennifer Dixon-Herrity, Acting 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 AND SOUTH CAROLINA ELECTRIC & GAS  
ON MAY 12, 2016

The U.S. Nuclear Regulatory Commission (NRC) staff held a Category 2 public meeting with Southern Nuclear Operating Company (SNC) and South Carolina Electric & Gas (SCE&G) on May 12, 2016. 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, and SCE&G's Virgil C. Summer Nuclear Station (VCSNS) Units 2 and 3.

The meeting notice can be found in the Agencywide Documents Access and Management System (ADAMS) under accession number ML16113A232. The meeting notice is also posted on the NRC's 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:

- SNC draft License Amendment Request (LAR) on AP1000 protection and safety monitoring system (PMS) Logic Change for Source-Range Flux Doubling – ML16131A584
- NRC draft Requests for Additional Information (RAIs) for V.C. Summer Proposed Emergency Action Level (EAL) Scheme Change – ML16127A536

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Summary of Meeting:

On May 12, 2016, staff from the NRC conducted a public meeting with representatives from SNC and SCE&G to discuss issues associated with the safety review of licensing actions for SNC's VEGP Units 3 and 4, and SCE&G's VCSNS Units 2 and 3. Specifically, the meeting discussed (1) SNC's draft LAR on PMS logic change for source-range flux doubling, (2) NRC staff draft RAIs for V.C. Summer, Units 2 and 3 proposed EAL scheme change, and (3) an NRC staff clarification question regarding SCE&G's request for a Commission-Approved Simulation Facility (CAS).

The first discussion topic was SNC's draft LAR on PMS logic change for source-range flux doubling. SNC described the differences between their draft LAR submittal and the submittal by Duke Energy Carolinas, LLC, for the William States Lee III Nuclear Station Units 1 and 2, presented in Section 4.2, "Precedent," of SNC's draft LAR. SNC noted that the design changes are identical to Duke's submittal for compliance with the requirements in Institute of Electrical and Electronics Engineers (IEEE) 603-1991. SNC stated that the differences consist of RAI responses being incorporated into VEGP Units 3 and 4 Updated Final Safety Analysis Report and editorial differences for consistency and to convey the Technical Specification requirements. The staff noted that they understood the differences and would perform a detailed review when the LAR is formally submitted.

The second discussion topic was to discuss draft RAIs related to the SCE&G application dated December 1, 2015 (ADAMS Accession No. ML15335A448), requesting approval for an EAL scheme change for the VCSNS, Units 2 and 3. The discussion primarily focused on gaining mutual understanding for RAI-VCSNS-01, RAI-VCSNS-02, and RAI-VCSNS-11. For RAI-VCSNS-01, it was stated that engagement with NEI may be necessary to address this RAI. SCE&G stated that they understood the remaining RAI questions and that they did not need additional clarification to understand what the staff was requesting.

The third discussion topic was to discuss an NRC staff clarification question regarding how the simulator discrepancies were categorized in SCE&G's request for a CAS. SCE&G provided the clarifications necessary for the staff to continue the review of SCE&G's request for a CAS.

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

Docket Nos.: 052-025, 052-026  
052-027, 052-028

Enclosure:  
As stated

cc w/encls: See next page

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ADAMS ACCESSION NUMBER: ML16146A215			NRO-002

OFFICE	PM: DNRL/LB4	LA: DNRL/LB4	(A)BC: DNRL/LB4	PM: DNRL/LB4
NAME	JHoellman (c)	RButler (c)	JDixon-Herrity (c)	JHoellman (s)
DATE	6/16/16	6/9/16	6/16/16	06/17/16

**AGENDA FOR PUBLIC MEETING  
U.S. NUCLEAR REGULATORY COMMISSION (NRC)  
Thursday, May 12, 2016  
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, and SCE&G's Virgil C. Summer Nuclear Station (VCSNS) Units 2 and 3.

**OPEN**

<u>Time</u>	<u>Topic</u>	<u>Led By</u>
9:00 a.m.	Opening Remarks	NRC
9:05 a.m.	Discussion on SCE&G's draft LAR for PMS logic change for source-range flux doubling	NRC/SNC/SCE&G
9:30 a.m.	Opportunity for Public Comment	PUBLIC/NRC
9:45 a.m.	Discussion on draft RAIs regarding V.C. Summer proposed EAL scheme change	NRC/SCE&G/SNC
10:30 a.m.	Opportunity for Public Comment	PUBLIC/NRC
10:45 a.m.	Discussion on staff clarification question about SCE&G request for a CAS	NRC/SCE&G
10:55 a.m.	Opportunity for Public Comment	PUBLIC/NRC
11:00 a.m.	Adjourn	

**PUBLIC MEETING**  
**UNITED STATES NUCLEAR REGULATORY COMMISSION**  
**Thursday, May 12, 2016**  
**9:00 a.m. – 11:00 a.m.**

**List of Attendees**

Name	Organization
<b>Representing the Nuclear Regulatory Commission</b>	
Billy Gleaves	NRO/DNRL/LB4
Paul Kallan	NRO/DNRL/LB4
Jordan Hoellman	NRO/DNRL/LB4
Chandu Patel	NRO/DNRL/LB4
Lauren Kent	NRO/DCIP/HOIB
Paul Pieringer	NRO/DCIP/HOIB
Shawn Williams	NRR/DORL/LPL2-1
Jack Zhao	NRO/DEIA/ICE
Craig Harbuck	NRO/DSRA/SPSB
Bob Tjader	NRO/DSRA/SPSB
Don Johnson *	NSIR/DPR/ORLOB/ORLT
Michael Norris *	NSIR/DPR/ORLOB/ORLT
Ray Hoffman *	NSIR/DPR/ORLOB/ORLT
<b>Representing Industry</b>	
Jason Redd *	Southern Nuclear Operating Company (SNC)
Chris Whitfield *	SNC
Wes Sparkman *	SNC
Ted Amundson *	SNC
Dan Williamson *	SNC
Eddie Grant *	SNC
Jonathan Hartman *	SNC
Pat Leary *	South Carolina Electric & Gas (SCE&G)
April Rice *	SCE&G
Garrett Sanders *	SCE&G
Paul Mothena *	SCE&G
Andy Barbee *	SCE&G
Al Harris *	SCE&G
Tim Bonnet *	SCE&G
Molly Fanguy *	SCE&G
Kelly Walker *	SCE&G
Bob Williams *	SCE&G

Name	Organization
Greg Travers *	SCE&G
Bob Myers *	SCE&G
Justin Bouknight *	SCE&G
<b>Representing Public</b>	
Ravi Joshi *	Public
Marvin Lewis *	Public
Wayne Cutright *	Duke Energy
Steve Franzone *	Florida Power and Light

\* = participated via teleconference

Vogtle Units 3 & 4 Mailing List

(Revised 05/17/2016)

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(Revised 03/10/2016)

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