

August 18, 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 26, 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 26, 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 ML16113A235. 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:

- Information for Risk Informed In-Service Inspection (ISI) Pre-Submittal Meeting – ML16138A264
- SNC's draft superseded Exemption and Request for Additional Information (RAI) Response: Operator Licensing – ML16144A787
- SNC's draft License Amendment Request (LAR): Structural Design of Auxiliary Building Floors – ML16145A076
- Non-Proprietary Slides for draft LAR, Structural Design of Auxiliary Building Floors – ML16146A039

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Summary of Meeting:

On May 26, 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) pre-submittal information regarding a pilot risk informed in-service inspection (ISI) program for the new build fleet, (2) SNC's superseded draft revised request for in-plant job performance measure (JPM) exemption and an RAI response regarding operator licensing examinations, and (3) pre-submittal information regarding a license amendment request (LAR) requesting changes to the structural design of the AP1000 auxiliary building floors.

In the open portion of the meeting, the first topic discussed was the pre-submittal information regarding a pilot risk informed ISI program. SCE&G, through their contractor, Electric Power Research Institute (EPRI), walked through the pre-submittal public meeting slides, explaining the background and feasibility of risk informed ISI for the new build fleet and the application of the method to VCSNS Units 2 and 3 pilot plant. The staff identified the lack of plant-specific operating experience as a potential regulatory and implementation issue that would need to be addressed. The staff also identified concerns regarding the application of generic experience/data to the AP1000 design, which has systems and components that are unique in comparison to the operating fleet. SCE&G stated that they would consider the staff's feedback and revise their request, if appropriate, before formally submitting the risk informed ISI alternative request.

The second topic discussed was SNC's draft superseded exemption request for in-plant JPMs and RAI response regarding operator licensing examinations. The NRC staff asked SNC clarification questions about their superseded draft request for exemption and response to staff's RAIs to follow-up from the public meeting held on May 19, 2016. The staff asked SNC to clarify their justification for why the exemption is in the public's interest by relating the timing for operator licensing examinations to their estimated construction completion date, noting that the date is subject to change. SNC stated that they will revise their exemption request to address the staff's questions and formally submit the exemption request.

The third topic discussed was the pre-submittal information regarding an LAR requesting changes to the structural design of the AP1000 auxiliary building floors. SNC and SCE&G, through their vendor, Westinghouse Electric Company (WEC), walked through the pre-submittal presentation, describing the design and detailing changes requested in the LAR (WEC LAR-90). The staff asked clarification questions about the proposed changes, including if these changes impact the global seismic models and when the calculations supporting these changes would be finalized. WEC confirmed that the proposed changes do not impact the global seismic models and noted that the calculations would be finalized and available for NRC audit this summer, 2016. The staff noted that a detailed review of the technical bases supporting the LARs will have to be conducted before determining if it is acceptable. The licensees stated that they plan to submit the LARs early this summer, 2016.

At the end of each topic discussed, there was an opportunity for the public to provide comments and ask questions. All comments and questions were addressed before moving to the next topic or ending the open portion of the meeting.

In the closed portion of meeting, the staff and the licensees discussed the proprietary details regarding the LAR requesting changes to the structural design of the AP1000 auxiliary building floors.

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

Enclosure:
As stated

cc w/encls: See next page

In the closed portion of meeting, the staff and the licensees discussed the proprietary details regarding the LAR requesting changes to the structural design of the AP1000 auxiliary building floors.

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 NO. ML16168A121 *via e-mail NRC-001

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	8/17/16	8/16/16	8/18/16	8/18/16

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**AGENDA FOR PUBLIC MEETING
U.S. NUCLEAR REGULATORY COMMISSION (NRC)
Thursday, May 26, 2016
9:00 a.m. – 1:00 p.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 South Carolina Electric and Gas' (SCE&G) 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.	<u>First Topic:</u> Discussion on pre-submittal information regarding a pilot risk informed In-Service Inspection (ISI) program for the new build fleet	NRC/SCE&G/SNC
10:00 a.m.	Opportunity for Public Comment	PUBLIC/NRC
10:10 a.m.	<u>Second Topic:</u> Discussion on Southern Nuclear Operating Company (SNC's) superseded draft revised request for in-plant job performance measure (JPM) exemption and Request for Additional Information (RAI) response regarding operator licensing examinations	NRC/SNC
10:30 a.m.	Opportunity for Public Comment	PUBLIC/NRC
10:45 a.m.	<u>Third Topic:</u> Discussion on pre-submittal information regarding a license amendment request (LAR) requesting changes to the structural design of the AP1000 auxiliary building floors	NRC/SNC/SCE&G/WEC
11:45 a.m.	Opportunity for Public Comment	PUBLIC/NRC

CLOSED

11:50 a.m.	Discussion on pre-submittal information regarding a LAR requesting changes to the structural design of the AP1000 auxiliary building floors	NRC/SNC/SCE&G/WEC
1:00 p.m.	Adjourn	

PUBLIC MEETING
UNITED STATES NUCLEAR REGULATORY COMMISSION
Thursday, May 26, 2016
9:00 a.m. – 1:00 p.m.

List of Attendees

Name	Organization
Representing the Nuclear Regulatory Commission	
Billy Gleaves	NRO/DNRL/LB4
Paul Kallan	NRO/DNRL/LB4
Jordan Hoellman	NRO/DNRL/LB4
John McKirgan	NRO/DNRL/LB4
Chandu Patel	NRO/DNRL/LB4
Mike Junge	NRO/DCIP/HOIB
Lauren Kent	NRO/DCIP/HOIB
Mark Miller *	RII/DRS
Matthew Mitchell	NRO/DEIA/MCB
Steven Downey	NRO/DEIA/MCB
Lynn Mrowca	NRO/DSRA/SPRA
Malcolm Patterson	NRO/DSRA/SPRA
Jim Xu	NRO/DEIA
Bob Caldwell	NRO/DEIA
Robert Roche-Rivera	NRO/DEIA/SEB
Sujit Samaddar	NRO/DEIA/SEB
John Honcharik *	NRO/DEIA/MCB
Donnie Harrison	NRO/DSRA/SPRA
Representing Industry	
Mike Yox	Southern Nuclear Operating Company (SNC)
Dave Woods	SNC
Wes Sparkman	SNC
Chester Dicks	SNC
Corey Thomas	SNC
David Jones	SNC
Jason Redd	SNC
Eddie Grant	SNC
Jim Maricchi	SNC
Amy Aughtman	SNC
Jim Blackmon *	SNC
Chris Whitfield *	SNC

Name	Organization
Fred Willis *	SNC
John Austin *	SNC
Greg Crosby *	SNC
April Rice	South Carolina Electric & Gas (SCE&G)
Richard Troficanto	SCE&G
Pat Leary *	SCE&G
Matt Kunkle *	SCE&G
Justin Bouknight *	SCE&G
Bob Myers *	SCE&G
Zach Harper	Westinghouse Electric Company (WEC)
Tod Baker	WEC
Paul Russ	WEC
Don Lindgren	WEC
Rick Easterling	WEC
Mike Miller	WEC
Stuart Kellner	WEC
Patrick O'Regan	Electric Power Research Institute (EPRI)
Jim Moody	EPRI Consultant
Representing Public	
Steve Franzone *	Florida Power and Light (FPL)
Allyn Powell *	SC Office of Regulatory Staff
Bill Jacobs *	GDS Associates

* = participated via teleconference

Vogtle Units 3 & 4 Mailing List

(Revised 07/13/2016)

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