

November 2, 2014

MEMORANDUM TO: Lawrence J. Burkhart, Chief  
Licensing Branch 4 (LB4)  
Division of New Reactor Licensing  
Office of New Reactors

FROM: Jordan Hoellman, Project Manager */RA/*  
Licensing Branch 4 (LB4)  
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 OCTOBER 30, 2014

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 October 30, 2014. 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 ML14267A403. 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 presentation discussed at the meeting, addressing the AP1000 licensees' response to NRC Bulletin 2012-01 (BL 2012-01) can be found in ADAMS under Accession Number ML14311A867. The other documents referenced during the discussion can be found at the ADAMS Accession Numbers given below:

1) SNC's LAR 14-006

ML14280A391

CONTACT: Jordan Hoellman, NRO/DNRL  
(301) 415-5481

Summary of Meeting:

On October 30, 2014, 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 the AP1000 licensees' responses to BL 2012-01, "Design Vulnerability in Electric Power System" and the AP1000 design's compliance with General Design Criteria (GDC) 17, "Electric Power Systems." The staff also asked a clarification question regarding SNC's License Amendment Request (LAR) 14-006, "Addition of Instruments to Design Reliability Assurance Program (D-RAP)" during the meeting.

The first topic discussed was the AP1000 licensees' responses to BL 2012-01. The licensees gave their presentation (ADAMS Accession Number ML14311A867) detailing their responses to BL 2012-01 and their position regarding the AP1000 design's compliance with GDC 17. The staff had comments and questions regarding compliance with GDC 17. Specifically, the staff's questions focused on the licensees' inability to demonstrate, through analyses or tests, that the AP1000 design can detect an open phase condition for all modes of operation and all loading conditions. The licensees understood the staff's concerns and requested to have the staff issue a letter. The staff's position is that the licensees have not provided sufficient information for the staff to conclude that they satisfy the requirements of GDC 17 given this open phase condition vulnerability. The licensees will review the letter and consider their options to sufficiently address BL 2012-01.

The second topic discussed was SNC's LAR 14-006. The staff had comments and clarification questions regarding the proposed changes. SNC understood the staff's comments, and both parties agreed to have further discussions about the proposed changes identified in LAR 14-006 at a future public teleconference.

At the end of the meeting, 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

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On October 30, 2014, 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 the AP1000 licensees' responses to BL 2012-01, "Design Vulnerability in Electric Power System" and the AP1000 design's compliance with General Design Criteria (GDC) 17, "Electric Power Systems." The staff also asked a clarification question regarding SNC's License Amendment Request (LAR) 14-006, "Addition of Instruments to Design Reliability Assurance Program (D-RAP)" during the meeting.

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052-026  
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052-028

Enclosure:  
As stated

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NAME	JHoellman (c)	RButler	LBurkhart	JHoellman (s)
DATE	12/01/14	11/13/14	12/02/14	12/02/14

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**AGENDA FOR PUBLIC MEETING**

**U.S. NUCLEAR REGULATORY COMMISSION (NRC)**

**Thursday, October 30, 2014**

**9:00 a.m. – 11:30 a.m.**

**PURPOSE:** To discuss resolution of issues to support the safety review of licensing actions for Southern Nuclear Operating Company's (SNC) Vogtle Electric Generating Plant, Units 3 and 4 and South Carolina Electric & Gas' (SCE&G) Virgil C. Summer Nuclear Station, 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.	Presentation on AP1000 Licensees' Response to BL 2012-01	SCE&G/SNC
10:00 a.m.	Discussion of BL 2012-01 and AP1000 Design Compliance with General Design Criteria No. 17	NRC/SCE&G/SNC
10:30 a.m.	Discussion of SNC's LAR 14-006	NRC/SNC
11:00 a.m.	Opportunity for Public Comment	PUBLIC
11:15 a.m.	Document Actions and Future Communications on BL 2012-01	NRC/SCE&G/SNC
11:30 a.m.	Meeting Adjourns	

**PUBLIC MEETING  
 UNITED STATES NUCLEAR REGULATORY COMMISSION  
 Thursday, October 30, 2014  
 9:00 a.m. – 11:30 a.m.**

**List of Attendees**

Name	Organization
<b>Representing the Nuclear Regulatory Commission</b>	
Larry Burkhart	NRO/DNRL/LB4
Don Habib	NRO/DNRL/LB4
Jordan Hoellman	NRO/DNRL/LB4
Denise McGovern	NRO/DNRL/LB4
Sheila Ray	NRR/DE/EEEB
Roy Mathew	NRR/DE/EEEB/EET
Ayo Ayegbusi	NRO/DSRA/SPRA
Ngola Otto	NRR/DE/EEEB/EET
Adakou Foli	NRR/DE/EEEB/EET
Hari Kodali	NRR/DE/EEEB/EET
<b>Representing Industry</b>	
Duane Brock	Southern Nuclear Operating Company
Rick Graham	Southern Nuclear Operating Company
Jason Redd *	Southern Nuclear Operating Company
Will Smith *	Southern Nuclear Operating Company
Neil Haggerty *	Southern Nuclear Operating Company
Wes Sparkman *	Southern Nuclear Operating Company
Todd Hicks *	Southern Nuclear Operating Company
Eddie Grant *	Southern Nuclear Operating Company
Andy Underwood	South Carolina Electric & Gas
April Rice	South Carolina Electric & Gas
Brad Stokes	South Carolina Electric & Gas
Steve Franzone	Florida Power and Light
Terry McCool	Florida Power and Light
Mark DeMaglio	Westinghouse Electric Company
Scott Sweat	Westinghouse Electric Company
Don Durkosh	Westinghouse Electric Company
<b>Representing Public</b>	
Ruth Thomas *	Environmentalists, Inc.
Tom Clements *	SRS Watch

\* = participated via teleconference

Enclosure 2

Vogtle Units 3 & 4 Mailing List

(Revised 11/06/2014)

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Oglethorpe Power Corporation  
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(Revised 07/23/2014)

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