

October 23, 2012

MEMORANDUM TO: Mark Tonacci, Chief  
Licensing Branch 4  
Division of New Reactor Licensing  
Office of New Reactors

FROM: Anthony Minarik, Project Manager */RA/*  
Licensing Branch 4  
Division of New Reactor Licensing  
Office of New Reactors

SUBJECT: SUMMARY OF PUBLIC MEETINGS WITH SOUTHERN NUCLEAR  
COMPANY AND SOUTH CAROLINA ELECTRIC & GAS ON  
OCTOBER 3, 2012 AND OCTOBER 10, 2012

The U.S. Nuclear Regulatory Commission (NRC) held two Category 2 public meetings on October 3 and October 10, 2012, with Southern Nuclear Operating Company (SNC) and South Carolina Electric & Gas (SCE&G) to discuss licensing actions related to the Vogtle Electric Generating Plant (VEGP or Vogtle) Units 3 and 4 and Virgil C. Summer (VCS) Units 2 and 3. On October 3, 2012, the topic of discussion was a pre-submittal meeting regarding License Amendment Request (LAR) 12-012, "Changes to the Primary Sampling System" (PSS). On October 10, 2012, the agenda included two main items of discussion both in their pre-submittal stages. First, an Alternative Request from the American Society of Mechanical Engineers (ASME) Certification Marks, and second continued discussion on the draft of LAR 12-006, "Turbine Building Layout."

Regarding the October 3, 2012, meeting, enclosed is the meeting agenda (Enclosure 1), the meeting attendees list (Enclosure 2), and the draft LAR (Enclosure 3). Enclosure 3 can be found in the Agencywide Documents Access and Management System (ADAMS) Accession Number ML12270A015. Regarding the October 10, 2012, meeting, enclosed is the meeting agenda (Enclosure 4), the meeting attendees list (Enclosure 5), the draft Alternative Request (Enclosure 6), the draft LAR 12-006 (Enclosure 7), and the figures showing the In-Structure Response Spectra for the Turbine Building in LAR submitted with LAR 12-006 (Enclosure 8). Enclosures 6, 7, and 8 can be found at ADAMS Accession Numbers ML12270A028, ML12284A245, and ML12284A259.

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October 3, 2012, Discussion:

On October 3, 2012, representatives from SNC and the NRC discussed draft LAR 12-012, "Changes to the Primary Sampling System," because of their submittal that followed a similar format, representatives from SCE&G also attended the meeting. The Primary Sampling System performs the safety-function of containment isolation (via the penetration lines) in order to preserve containment integrity, and the non-safety function of providing reactor coolant and containment atmosphere samples. Representatives from SNC explained that the proposed changes to the Primary Sampling System will theoretically reduce wear and tear on the parts, allow for continuous sampling, and allow for maintenance work to be performed at power. The NRC staff asked for clarification regarding their proposal of eliminating inspections, tests, analyses, and acceptance criteria (ITAAC), and the licensee responded that they will address that comment in the official submittal.

The NRC requested clarification in three areas of the LAR: first, in the designation of Tier 1 and Tier 2 changes; second, in the portion of the LAR that discusses cycles that pertain to the lifetime of the plant; and third, in the discussion for justification of changes as it relates to all locations affected. Finally, NRC staff asked the licensee to revisit their "No Significant Hazards" analysis/determination. Representatives from SNC will address these clarifications in the official submittal. The only public comment received during the meeting was an expression of gratitude at the availability of public interaction from Bill Jacobs of the Georgia Public Service Commission.

October 10, 2012, Discussion:

On October 10, 2012, representatives from SNC and NRC discussed in detail, the draft submittals of the Proposed Alternative concerning ASME Certification Marks, and LAR 12-006 "Turbine Building Layout," because SCE&G plans to submit similar LAR's. SCE&G representatives were also in attendance at the meeting. The ASME alternative request centers on certification marks used on ASME-certified materials starting in 2013. The NRC has not yet approved the new portion of the ASME code allowing the use of these marks. The Turbine Building Layout discussions are an additional round of discussion following a pre-submittal meeting on July 30, 2012, and subsequent LAR revision.

On the topic of the ASME Alternative Request, the NRC staff requested the licensee to provide clarification regarding the use of appropriate code cases for this particular issue, the duration of the alternative if it were to be approved, and the particular units the licensee expects the case to apply to. SNC plans to address these concerns in the official submittal.

On the topic of the Turbine Building Layout LAR 12-006, the NRC asked for clarification in the areas of radiation protection, physical security, seismic loading, and licensing process-related concerns. The licensee plans to take closer looks at the effects the changing door locations and elevations will have on radiation protection and physical security. For licensing process, the NRC staff requested clarification in the "no significant hazards determination" made by the

licensee. In the area of seismic loading, the NRC staff recognized the inclusion of information requested during the last pre-submittal meeting, but also asked if additional checks on the floor spectra of other buildings were performed and if they could be provided as part of the official submittal. The licensee plans to address all of the staff's concerns in the official submittal.

The only public comment received during this meeting, was from Sarah Barczak, Southern Alliance for Clean Energy regarding the timelines of all the submittals discussed. The NRC replied that official timelines begin when the acceptance review of the official submittal has been completed and the item is docketed. The LAR itself will have a need-date that the NRC attempts to meet.

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

Enclosures:  
As stated

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licensee. In the area of seismic loading, the NRC staff recognized the inclusion of information requested during the last pre-submittal meeting, but also asked if additional checks on the floor spectra of other buildings were performed and if they could be provided as part of the official submittal. The licensee plans to address all of the staff's concerns in the official submittal.

The only public comment received during this meeting, was from Sarah Barczak, Southern Alliance for Clean Energy regarding the timelines of all the submittals discussed. The NRC replied that official timelines begin when the acceptance review of the official submittal has been completed and the item is docketed. The LAR itself will have a need-date that the NRC attempts to meet.

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

Enclosures:  
As stated

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ADAMS ACCESSION NO.: ML12291A617

NRC-001

OFFICE	LA: DNRL/LB4	PM: DNRL/LB4	BC: DNRL/LB4
NAME	RButler	AMinarik	MTonacci
DATE	10/18/12	10/19/2012	10/23/2012

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AGENDA FOR PUBLIC MEETING  
U.S. NUCLEAR REGULATORY COMMISSION (NRC)

Wednesday, October 3, 2012

1:00 p.m. – 2:30 p.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's (SCE&G) Virgil C. Summer Nuclear Site Units 2 and 3.

<u>Time</u>	<u>Topic</u>	<u>Led By</u>
1:00 p.m.	Opening Remarks	NRC
1:05 p.m.	Discussion of Issues	NRC/SNC/SCE&G
2:10 p.m.	Opportunity for Public Comment	PUBLIC
2:20 p.m.	Conclusion/Document Actions	NRC
2:30 p.m.	Adjourn	

**LIST OF MEETING ATTENDEES**  
**Wednesday, October 3, 2012**

Nuclear Regulatory Commission

R. Joshi  
A. Minarik  
L. Burkhart  
C. Li  
J. McKirgan  
R. Goel  
T. Sweat  
S. Lee

Southern Nuclear Operating Company

W. Sparkman  
T. Amundson  
N. Haggerty  
B. Massey\*  
J. Lumpkin\*  
G. Becker\*  
Mr. Vaughn\*

Westinghouse Electric Company

A. Stanish  
S. Leighty  
T. Ray\*  
T. Sokalak\*  
Mr. Rippy\*  
Mr. Murphy\*  
Mr. Makevich\*

Public

B. Jacobs\* – Georgia Public Service Commission  
Mr. Rucker\* – Georgia Public Service Commission  
Mr. Franzone\* – Florida Power & Light

\*= via telephone

AGENDA FOR PUBLIC MEETING  
U.S. NUCLEAR REGULATORY COMMISSION (NRC)

Wednesday, October 10, 2012

8:30 a.m. – 10:30 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's (SCE&G) Virgil C. Summer Nuclear Site Units 2 and 3.

<u>Time</u>	<u>Topic</u>	<u>Led By</u>
8:30 a.m.	Opening Remarks	NRC
8:35 a.m.	Discussion of Issues	NRC/SNC/SCE&G
10:15 a.m.	Opportunity for Public Comment	PUBLIC
10:20 a.m.	Conclusion/Document Actions	NRC
10:30 a.m.	Adjourn	

**LIST OF MEETING ATTENDEES**  
**Wednesday, October 10, 2012**

Nuclear Regulatory Commission

R. Joshi  
D. McGovern  
M. Brown  
J. Frost  
J. Honcharik  
M. Sutton  
D. Terao  
A. Minarik  
M. Shams  
R. Visttori  
C. Hinson  
B. Tegeler  
L. Burkhart

Southern Nuclear Operating Company

B. Meadors  
N. Haggerty  
B. Jacobs\*

Westinghouse/Shaw

T. Ray – W  
Kevin Moore – W\*  
Anqi Huang – W\*  
Tim Sokolak – W\*  
Mike Sleigh – W\*  
Blaise Genes – W\*  
Paul Powers – S\*  
Curt Castell – S\*  
George Galley – S\*

Public

J. Bergman – Scientech  
S. Barczak – Southern Alliance for Clean Energy\*  
B. Massey – Florida Power & Light\*

\* = via telephone



Vogtle Units 3 & 4 Mailing List  
cc:

(Revised 9/26/12)

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(Revised 09/26/2012)

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