

July 7, 2008

MEMORANDUM TO: Stephanie M. Coffin, Branch Chief  
AP1000 Projects Branch 1  
Division of New Reactor Licensing  
Office of New Reactors

FROM: Jan Mazza, Project Manager **/RA/**  
AP1000 Projects Branch 1  
Division of New Reactor Licensing  
Office of New Reactors

SUBJECT: SOUTHERN NUCLEAR OPERATING COMPANY (SNC) EARLY SITE  
PERMIT (ESP) APPLICATION FOR THE VOGTLE ESP SITE-  
SUMMARY OF TELEPHONE CALL HELD ON MARCH 11, 2008 TO  
DISCUSS METEOROLOGICAL AND EMERGENCY PLANNING  
TOPICS

This memorandum documents a telephone conference between the U.S. Nuclear Regulatory Commission staff and Southern Nuclear Operating Company on March 11, 2008.

A summary of the call is enclosed.

Docket No. 52-011

Enclosure:  
Telephone Conference Call

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NRC-001

OFFICE	DNRL/NWE1:LA	DNRL/NWE1:PM	DNR/NWE1:BC
NAME	KGoldstein	JMazza	SCoffin
DATE	06/02/08	06/03/08	07/07/08

**OFFICIAL RECORD COPY**

**Telephone Call Summary**

Subject: Discussion of New Information Provided by SNC in Letter AR-07-2216

Date of Call: March 11, 2008

**Participants**

NRC

Jan Mazza  
Stephanie Coffin  
Bruce Musico

SNC

Jim Davis  
Ted Amundson  
Tom Moore

Bechtel

Bob Prunte  
John Prebula

**Referenced documents**

Accession Number	Title	Date
ML0800040589	AR-07-2216 Southern Nuclear Operating Company Vogtle Early Site Permit Application Comments on Draft Environmental Impact Statement (DEIS) – Enclosure 1	12/26/2007

**Discussion**

On March 11, 2008, at the request of NRC staff, a phone call was held with Southern Nuclear Operating Company to discuss comment numbers 13, 18, and 20 of the referenced document. Even though the referenced document discusses the DEIS, these three comments relate also to the staff's safety review. The NRC staff communicated that both the ER and SSAR need to be consistent.

Comment Nos. 13 and 18 concerned Emergency Planning. After discussion it was agreed that SNC would write a letter to the NRC identifying the location of the commercial dairy including its distance from the Vogtle site and describe any impact it has on the evacuation time estimate (ETE) described in Appendix 6 of the Emergency Plan (SSAR Part 5). Additionally the letter will confirm that the 812 full time workers are associated with units 3 and 4, and describe any impact of this increase in Vogtle site population has on the ETE appendix 6 of the Emergency Plan (SSAR Part 5).

## Telephone Call Summary

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Comment No. 20 design basis accidents. Revision 16 Westinghouse Design Certification lowered the release height from the containment. SNC verified that the Chi/Q values would not change. The release height change would lower the source terms which would decrease the total effective dose equivalents (TEDE). SNC will explain this in the Environmental Report and did not believe a change to the SSAR was necessary. The Staff agreed.

