

June 18, 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 APRIL 28, 2008 TO
REVIEW HYDROLOGY MODELING PROGRESS

This memorandum documents a telephone conference between the U.S. Nuclear Regulatory Commission staff and Southern Nuclear Operating Company on April 28, 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	06/03/08	06/04/08	06/18/08

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Telephone Call Summary

Subject: Hydrology Modeling Progress

Date of Call: April 28, 2008

Participants

NRC

Jan Mazza
Christian Araguas
Hosung Ahn
Mark Thaggard

SNC

Jim Davis
Dale Fulton

Bechtel

Bob Prunty
John Damm
Greg Kasel

PNNL

Lance Vail

Referenced documents

Accession Number	Title	Date
ML081020274	Vogtle Electric Generating Plant Units 3 & 4 Early Site Permit Application	Revision 4 – March, 2008

Discussion

On April 28, 2008, at the request of NRC staff, a phone call was held to discuss the progress of the hydrology modeling in support of the Vogtle Early Site Permit ESP application. Southern Nuclear SNC reported that they were focusing on four main areas in response to the outcome of the Public Meeting and Site Audit held on April 8 and 9, 2008 respectively. The four areas are the accurate representation of the blue bluff marl, spatial trend in residual errors, mass balance errors, and documentation of the model in the ESP. NRC staff noted that SNC should also include a sensitivity analysis on the ground water recharge and a discussion of plausible pathways for effluent to flow from the Vogtle site. Another progress meeting will be held the second or third week of May in support of a final submittal from SNC by June 15.