

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 MAY 5, 2008 TO
DISCUSS APPENDIX 2.5 E OF THE ESP APPLICATION

This memorandum documents a telephone conference between the U.S. Nuclear Regulatory Commission staff and Southern Nuclear Operating Company on May 5, 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: Appendix 2.5 E

Date of Call: May 5, 2008

Participants

NRC

Jan Mazza
Tom Cheng
Becky Karas
Sarah Gonzalez
Christian Araguas
Carl Constantino
Jim George

SNC

Jim Davis
Tom McCallum
Don Moore

Bechtel

John Prebula
Bob Prunty
John Damm
Greg Kasel

Referenced documents

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

Discussion

On May 5, 2008, at the request of NRC staff, a phone call was held to discuss the inclusion of Appendix 2.5 E in revision 4 of the Vogtle Early Site Permit ESP application. Appendix 2.5 E includes information required for both the COL and ESP reviews. Initially the NRC staff was in favor of removing most of this appendix, leaving only the information on the seismic input. After further review the staff concluded that other parts of the appendix would be required for the ESP review. SNC will propose a resolution. The compaction of the backfill adjacent to the Mechanically Stabilized Earth (MSE) wall was also discussed with SNC. Phase 2 of the test bed program will determine if uniform compaction can be achieved using different compaction equipment close to the wall than further away from the wall. The NRC staff also noted that SNC included a coefficient of friction between the mudmat and the backfill of .45. This differs from the Westinghouse AP1000 Design Certification value of .7. SNC used the site specific seismic values to recalculate the coefficient required for stability of the nuclear island. NRC staff will review this further.