



**UNITED STATES  
NUCLEAR REGULATORY COMMISSION**

WASHINGTON, D.C. 20555-0001

March 7, 2006

**MEMORANDUM TO:** File

**FROM:** Christian J. Araguas, Project Manager C.A.  
New Reactor Licensing Branch  
Division of New Reactor Licensing  
Office of Nuclear Reactor Regulation

**SUBJECT:** SOUTHERN NUCLEAR EARLY SITE PERMIT PRE-APPLICATION  
REVIEW - SUMMARY OF TELEPHONE CALL HELD ON  
FEBRUARY 14, 2006, TO DISCUSS THE INFORMATION REQUIRED  
IN AN ENVIRONMENTAL REPORT

This memorandum documents the results of a telephone conference between the NRC staff and Southern Nuclear Operating Company on February 14, 2006.

A summary of the call is attached.

Attachment: As stated

Project No. 737

DFK2

## Telephone Call Summary

**Subject:** Information Required in an Environmental Report for an Early Site Permit (ESP) Application at the Vogtle Site.

**Date of Call:** February 14, 2006

### Participants

#### NRC

Christian Araguas  
John Segala  
Tom Kenyon  
Jim Wilson  
Mark Notich  
Andy Kugler

#### Pre-Applicant

Jim Davis  
Tom Moorer

### Actions

#### Topic

#### NRC

#### Applicant

Pre-Application  
Activities

The staff needs to work with the applicant to setup a meeting to discuss need for power issues and potential pre-application activities

-

White Paper on  
Need for Power  
Analysis

-

Committed to providing the staff with a white paper on whether need for power analysis is necessary

### Other Discussion

The staff discussed Southern Nuclear Company's (SNC's) proposal regarding need for power in an environmental report. SNC stated that it was considering whether or not a need for power analysis would be necessary for a COL review of the environmental report. SNC said that it was not prepared to have a formal discussion on the issue and would instead like to defer the discussion for sometime in March. The staff agreed to a March time frame for a discussion on need for power. SNC also said that it would prepare a white paper for the discussion which would summarize the issue.

Attachment

The staff also discussed SNC's environmental monitoring procedures for the types of data that is required to be included in the Environmental Report for the ESP application. SNC has ongoing meteorological and hydrological monitoring efforts being conducted under documented procedures. The staff normally reviews these procedures during a site visit and currently plans on visiting the site in mid-May. The staff brought up an issue concerning the height of the meteorological tower in relation to the height of the cooling towers. SNC requested more information on the requirements for meteorological tower placement and height and the staff made a commitment to provide that information. SNC plans on using historical site meteorological data in the ER, ecological data from the DOE Savannah River Site, and hydrological data that will be obtained from a real-time water quality monitoring station in the Savannah River.

The staff discussed the selection of alternative sites and SNC stated that they were planning on proposing sites at the Farley and Hatch plants and a greenfield site. SNC is currently developing a report on their alternative site selection process and results and is willing to provide this report to the staff within a couple of weeks.