

January 20, 2006

MEMORANDUM TO: File

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

SUBJECT: SOUTHERN NUCLEAR OPERATING COMPANY (SNC) EARLY SITE
PERMIT PRE-APPLICATION REVIEW - SUMMARY OF TELEPHONE
CALL HELD ON DECEMBER 8, 2005, TO DISCUSS THE
INFORMATION REQUIRED IN AN ENVIRONMENTAL REPORT

This memorandum documents the results of a telephone conference between the NRC staff and SNC on December 8, 2005.

A summary of the call is attached.

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Distribution:
NRBA Rdg.
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ADAMS ACCESSION NO. ML060110131

OFFICE	PM:NRBA
NAME	CAraguas
DATE	01/13/2006

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Telephone Call Summary

Subject: Information Required in an Environmental Report (ER) at the Early Site Permit (ESP) Stage

Date of Call: December 8, 2005

Participants

NRC

Christian Araguas
Jack Cushing

Pre-Applicant

Tom McCallum
Jim Davis
Tom Moorer

Actions

Topic

NRC

Applicant

Need for Power Discussion

Plan meeting time with applicant during site visit to discuss this issue further

-

Need for Power in an ER

-

Plan to include information on need for power in the ER

Other Discussion

The staff discussed the need for power analysis that Southern has proposed to perform at the ESP stage. The staff informed Southern Nuclear Operating Company (SNC) that the regulations 10CFR 52.17(a)(2) allows an ESP applicant to not include an assessment of benefits (need for power). However, the regulations do not preclude an applicant from submitting their need for power assessment at the ESP stage. Tom Moorer (SNC) stated that their ESP will include an assessment of need for power. Mr. Moorer informed us that the State of Georgia has not undergone deregulation and the GA PUC issues an Integrated Resource Plan that assesses the need for power.

The staff cited the following guidance from the NUREG 1555, the ESRP:

Data and Information Needs

Affected States and/or regions continue to prepare need-for-power evaluations for proposed energy facilities. The Nuclear Regulatory Commission (NRC) will review the evaluation and determine if it is (1) systematic, (2) comprehensive, (3) subject to confirmation, and (4) responsive to forecasting uncertainty. Forecasts should include demand scenarios for midrange, high, low, 75th percentile, and 25th percentile conditions. If the need-for-power

evaluation is found acceptable, no additional independent review by the NRC is needed, and the analysis can be the basis for ESRPs 8.2 through 8.4.

Mr. Moorer stated that they plan to use the PUC's Integrated Resource Plan, however some minority owners may not be covered by the plan. The staff told Mr. Moorer that as part of the early consultation with the staff on environmental issues (10 CFR 51.40), our expert in need for power analysis should come and discuss the need for power analysis with SNC and the State of Georgia. The staff also informed Mr. Moorer that the NRC review of need for power is only for National Environmental Policy Act purposes.

The staff plans to include the need for power topic on the list of issues to be discussed during an upcoming site visit.