

September 20, 2007

MEMORANDUM TO: William F. Burton, Chief  
Environmental Projects Branch A  
Division of Site and Environmental Reviews  
Office of New Reactors

FROM: Mark D. Notich, Project Manager */RA/*  
Environmental Projects Branch A  
Division of Site and Environmental Reviews  
Office of New Reactors

SUBJECT: CONFERENCE CALL SUMMARY - JULY 18, 2007; DISCUSSION WITH  
SOUTHERN NUCLEAR OPERATING COMPANY (SNC) CONCERNING  
STAFF QUESTIONS FOR THE EARLY SITE PERMIT FOR THE PLANT  
VOGTLE SITE

ATTENDEES: NRC - Mark D. Notich, Paul Kallan, Michael Willingham, Jon Rund  
Pacific Northwest National Laboratory - Michael Sackschewsky, Paul  
Hendrickson  
Southern Nuclear Operating Company - Tom Moorer, Dale Fulton

The NRC staff held a conference call with Southern Nuclear Operating Company (SNC) on Wednesday, July 18, 2007, to discuss several questions concerning information relevant to the draft Environmental Impact Statement for the Early Site Permit at the Plant Vogtle site. The NRC staff's questions and SNC's responses are detailed below.

NRC Question - SNC did not provide an extensive analysis of the alternate site selection and evaluation process in the Environmental Report for the Early Site Permit at the Plant Vogtle Site. Would SNC please elaborate on its alternate site selection and evaluation process?

SNC Response- SNC provided a verbal description of their alternate site selection process and committed to providing a written version to the staff as soon as possible.

NRC Question - SNC had informed the staff in previous discussions that the State of Georgia Department of Natural Resources (Ga DNR) had performed surveys for relict trillium and sunfish habitat on the Plant Vogtle site. Please provide the documentation of the results of these surveys.

CONTACT: Mark D. Notich, NRO/DSER/RAP1  
(301) 415-3053

- SNC Response - SNC agreed to provide the letters from the Ga DNR concerning the relict trillium and sunfish surveys.
- NRC Question - The staff noted an inconsistency between Section 4.4.2 of both versions of the ER which provides an assumption of 7,200 in-migrating construction workers and family members and the response to Information Need #17 on December 11, 2006 which provides an assumption of 6,700 in-migrating family workers and family members based on a Tennessee Valley Authority survey.
- SNC Response - SNC responded that the staff should use the 7,200 number for in-migrating construction workers and family members.
- NRC Question - On June 20, 2007, the staff conducted a conference call with SNC to address a number of issues. One of those issues addressed inconsistencies between radiological data in Rev 2 of the Environmental Report for the Plant Vogtle ESP Site and the computer model output files provided in support of the radiological modeling. The staff requested that the most current output files for the XOQDOQ, GASPAR, and LADTAP computer models be provided.
- SNC Response - SNC agreed to provide the latest output files for the XOQDOQ, GASPAR, and LADTAP computer models.
- NRC Question - On June 20, 2007, the staff conducted a conference call with SNC to address a number of issues. One of those issues addressed additional studies that SNC was performing in support of cultural and historic resource surveys at the new water intake pipeline location. SNC informed the staff that a report of these new surveys would be available the week of July 9, 2007. The staff requested a copy of that report.
- SNC Response - SNC agreed to provide the report on the cultural and historic resource surveys at the new water intake pipeline location.
- NRC Question - The staff asked SNC if the co-owners of the Vogtle Electric Generating Plant (besides Georgia Power Company) were required to submit an Integrated Resources Plan (IRP).
- SNC Response - The other co-owners do not have to provide an IRP. Only Georgia Power Company has to submit an IRP.
- NRC Question - RAI 2.4-1d stated that construction at the barge slip and discharge location would disturb up to 10 acres of wetlands. RAI 2.4-1g states that the barge facility will be constructed between the old barge facility and the existing intake structure, on fill that was in place during the initial construction and will not affect any existing wetlands. These statements seem to contradict.

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SNC Response - SNC said to go with the estimate of 10 acres be conservative.

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MNotich

ARedden

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NAME	MNotich	ARedden	WBurton
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