

August 20, 2008

MEMORANDUM TO: William F. Burton, Branch Chief
Environmental Projects Branch 1
Division of Site and Environmental Reviews

FROM: Mark D. Notich, Sr. Project Manager */RA/*
Environmental Projects Branch 1
Division of Site and Environmental Reviews

SUBJECT: CONFERENCE CALL – JUNE 26, 2008; DISCUSSION WITH SOUTH
CAROLINA ELECTRIC AND GAS CONCERNING THE STAFF'S
ACCEPTANCE REVIEW OF THE ALTERNATE SITE SELECTION
PROCESS INCLUDED IN THE ENVIRONMENTAL REPORT FOR
THE V.C. SUMMER NUCLEAR STATION, UNITS 2 AND 3
COMBINED OPERATING LICENSE APPLICATION

Mark Notich of the NRC staff started the conference call by stating that the purpose was to let SCE&G know that the staff had concerns about the alternate site selection process described in the VC Summer COL ER and that the staff didn't want SCE&G to be surprised about any issues that were developed as a result of the review of the ER. Mr. Notich also asked whether the summary table that SCANA is developing for the ecological surveys would include information for both aquatic and terrestrial species. SCE&G verified that this was correct.

Alternative Site Selection Process

The staff noted that the reconnaissance level data for the four sites was of exceptional quality. The staff also noted that there were two different siting criteria used, one qualitative and one quantitative. This led the staff to have questions concerning the alternate site selection process, such as:

1. How were the primary, secondary, and tertiary sites chosen?
2. How was the 1974 report used and/or updated to reflect current available data?
3. How was the updated 1974 study screened to determine representative sites from primary and secondary alternate sites?
4. How were the Cope Generating Station (CGS) and Saluda Sites determined?

Contact: Mark Notich, NRO/DSER/RAP1
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SCE&G stated that the site selection process was very similar to the EPRI Site Guide and that information in the earlier company siting studies (1974 Dames and Moore Study and 2005 McCallum/Turner) was compared to the information in the EPRI siting guide. SCE&G also stated that they didn't have the actual scoring system for the EPRI basis study for the Savannah River Site (SRS)/VC Summer comparison but that they had the scoring summary document (i.e. final score) for the study. They used the McCallum/Turner study (2005) to select the SRS and VC Summer Station Sites, which were evaluated using EPRI prescriptive weighting and rankings for the 10 siting factors. They used the McCallum/Turner study to set up a qualitative process to analyze other sites.

The staff asked how SCE&G got from that process to applying EPRI referenced exclusionary and avoidance determinations. SCE&G answered that they were looking for a representative and highest rated Greenfield Site and a representative and highest rated Brownfield Site.

The staff then questioned if the process of pre-determining one Greenfield Site and one Brownfield Site may preclude other sites that may be environmentally preferable or have obvious superiority from consideration. If siting criteria were performed uniformly across all sites, this would be measurable, rather than relying on qualified data sets only with no reference to weighting and ranking application. For example, the Ne-1 Site "appears" to qualitatively score higher than the CGS, but was excluded due to the Saluda Site already representing the Primary Site.

SCE&G stated that some of the sites included in the 1974 study were currently being used for residential and development purposes (shown as having "some" land use conflicts in ER Table 9.3.-1), and that would exclude them from the current study. Sites chosen for the VC Summer COL application were also looked at in the original 1967 Unit 1 siting study.

SCE&G commented that the business sensitive siting study would be available for review during the site audit and alternate site evaluation.

Enclosure: As stated

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DATE	08/ 18 /08	08/19/08	08/20/08

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Attendees

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	Jim Cabe			Ann Lovell

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(Revised 06/05/2008)

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