July 14, 2010

MEMORANDUM TO: Gregory P. Hatchett, Chief
Environmental Projects Branch 1
Division of Site and Environmental Reviews

FROM: Mallecia Sutton, Senior Project Manager ***/RA/***
Environmental Projects Branch 1
Division of Site and Environmental Reviews

SUBJECT: SUMMARY OF THE TELECONFERENCE HELD WITH SOUTHERN NUCLEAR OPERATING COMPANY REGARDING THE VOGTLE ELECTRIC GENERATING PLANT, UNITS 3 AND 4 COMBINED LICENSE APPLICATION

On January 19, 2010, the U.S. Nuclear Regulatory Commission (NRC), Pacific Northwest National Laboratory (PNNL), and Southern Nuclear Operating Company (SNC) held a teleconference to clarify the SNC January 8, 2010, response to the NRC request for additional information (RAI) which was dated December 10, 2009. The primary topics of interest were as follows:

- RAI G1- Clarification regarding the proposed railroad spur line and heavy haul road to support construction and operation of Units 3 and 4.

    1. SNC discussed the historical concept of refurbishing an approximate 1.5 mile-long railroad siding near Millen, Georgia that runs parallel to the main line. SNC had indicated that refurbishing maybe necessary because the grade on the siding is a little less than the main line. SNC stated that Shaw/Westinghouse no longer intended to pursue this option.
    2. SNC also noted that there are no planned upgrades to the main line or to the existing 17-mile railroad spur up to the site boundary fence. The spur belongs to Georgia Power and was used for construction of Vogtle Electric Generating Plant (VEGP), Units 1 and 2. There would be some maintenance such as replacement of railroad ties but no land disturbing activities or bridge work. SNC stated that there would be modification to the rail spur and yard inside the site boundary fence. A rail yard which was discussed in the VEGP, Units 3 and 4 early site permit (ESP) application for use by the batch plant and transportation of material such as steel and gravel would be modified to include an unloading facility for heavy loads. However, the footprint for the unloading yard would be the same as identified during the ESP proceeding.

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3. SNC stated that the Shaw/Westinghouse transportation study is complete and is expected to be made available to the NRC staff soon.
4. SNC stated that a heavy haul road or barge slip will no longer be needed for the VEGP Project.

- RAI TE4.4-1- Clarification of the amount of dredge material.
  1. SNC described the dredging issue in relation to the Cofferdam for both the intake and discharge structures. The river will be dredged towards the end of construction in order to make the actual connection from the intake and discharge piping to the river bed. Most work will occur inside the Cofferdam sheet pile. The work is not considered dredging. However, they will need to connect the work inside the Cofferdam to the river, since the floor of the canal as excavated in the Cofferdam will not be below the level of the river bottom. It is this excavation to connect the river, which will be done after the Cofferdam is removed, which will be considered "dredging." SNC, in its permit to the U.S. Corps of Engineers proposed a general request that 200 cubic yards of soil be removed in order to access the river. SNC stated that at this point in time no defined location has been identified for these 200 cubic yards and that Shaw likely would remove material to allow access for pieces of equipment that may be floated on the river.
  2. SNC noted that the 200 cubic yards of soil would be deposited in an upload storage area on the site. All of the material would likely be transported to the area included within NOI 18 (the 31 acre additional borrow site).
  3. SNC stated that a current site footprint for the proposed site could be found in the Environmental Report, Revision 1. The 31 acre borrow site is being developed. However, SNC was not sure if the acreage was included in the total given in the disturbance table provided in October 2009. SNC was going to look into this and report back to the NRC staff.

- Energy Alternatives
  1. The environmental project manager explained the recent NRC direction regarding application of the new and significant review process to Energy Alternatives.
  2. SNC agreed that they could put together a statement to cover utility-specific items such as demand side management.

- RAI CR 4.6-1- Signed Memorandum of Understanding (MOU) between the SNC and the Georgia State Historic Preservation Office (SHPO)

  1. SNC is awaiting a response to their January 4, 2010, letter to Georgia SHPO that included a copy of the draft MOU for review. SNC will forward correspondence associated with finalizing the MOU to NRC.

The list of participants on the teleconference call on January 19, 2010 follows:

NRC

Mallecia Sutton
Nancy Kuntzelman

PNNL

Van Ramsdell
Michael Sackschewsky
Kim Leigh
Paul Hendrickson
Rebekah Krieg
Amanda Stegen
Tara O'Neil

Docket Nos. 052-025 and 052-026

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DATE	07/13/2010	07/13/2010	07/14/2010

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