

October 31, 2007

Mr. Bruce H. Hamilton
Vice President, Oconee Site
Duke Power Company LLC
7800 Rochester Highway
Seneca, SC 29672

SUBJECT: OCONEE NUCLEAR STATION, UNITS 1, 2, AND 3, ENVIRONMENTAL
ASSESSMENT RELATED TO ISSUANCE OF AMENDMENTS (TAC NOS.
MD6734, MD6735, AND MD6736)

Dear Mr. Hamilton:

Enclosed is a copy of the Environmental Assessment and Finding of No Significant Impact related to your application for amendments dated January 31, 2007. The proposed amendments are administrative in nature and would revise the Technical Specifications to remove requirements that are no longer applicable due to the completion of the control room intake/booster fan modifications.

The assessment is being forwarded to the Office of the Federal Register for publication.

Sincerely,

/RA/

Leonard N. Olshan, Project Manager
Plant Licensing Branch II-1
Division of Operating Reactor Licensing
Office of Nuclear Reactor Regulation

Docket Nos 50-269, 50-270, and 50-287

Enclosure:
Environmental Assessment

cc w/encl: See next page

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UNITED STATES NUCLEAR REGULATORY COMMISSION

DUKE POWER COMPANY LLC

DOCKET NOS. 50-269, 50-270, AND 50-287

OCONEE NUCLEAR STATION, UNITS 1, 2, AND 3

ENVIRONMENTAL ASSESSMENT AND FINDING OF

NO SIGNIFICANT IMPACT

The U.S. Nuclear Regulatory Commission (NRC) is considering issuance of amendments to Renewed Facility Operating Licenses Nos. DPR-38, DPR-47, and DPR-55, issued to Duke Power Company LLC (the licensee), for operation of the Oconee Nuclear Station, Units 1, 2, and 3, located in Seneca, South Carolina. Therefore, as required by Title 10 of the *Code of Federal Regulations*, Part 51, Section 51.21, the NRC is issuing this environmental assessment and finding of no significant impact.

ENVIRONMENTAL ASSESSMENT

Identification of the Proposed Action:

The proposed action is administrative in nature and would revise the Technical Specifications (TSs) to remove requirements that are no longer applicable due to the completion of the control room intake/booster fan modifications.

The proposed action is in accordance with the licensee's application dated January 31, 2007.

The Need for the Proposed Action:

The proposed action removes requirements from the TSs that are no longer applicable.

Environmental Impacts of the Proposed Action:

The NRC has completed its safety evaluation of the proposed action and concludes that there are no environmental impacts.

The details of the staff's safety evaluation will be provided in the license amendments that will be issued as part of the letter to the licensee approving the license amendments.

The proposed action will not significantly increase the probability or consequences of accidents. No changes are being made in the types of effluents that may be released off site. There is no significant increase in the amount of any effluent released off site. There is no significant increase in occupational or public radiation exposure. Therefore, there are no significant radiological environmental impacts associated with the proposed action.

With regard to potential non-radiological impacts, the proposed action does not have a potential to affect any historic sites. It does not affect nonradiological plant effluents and has no other environmental impact. Therefore, there are no significant nonradiological environmental impacts associated with the proposed action.

Accordingly, the NRC concludes that there are no significant environmental impacts associated with the proposed action.

Environmental Impacts of the Alternatives to the Proposed Action:

As an alternative to the proposed action, the staff considered denial of the proposed action (i.e., the "no-action" alternative). Denial of the application would result in no change in current environmental impacts. The environmental impacts of the proposed action and the alternative action are similar.

Alternative Use of Resources:

The action does not involve the use of any different resources than those previously considered in the Final Environmental Statement for the Oconee Nuclear Station, Units 1, 2, and 3, dated March 1972 and Final Supplemental Environmental Impact Statement (NUREG-1437, Supplement 2) dated December 9, 1999.

Agencies and Persons Consulted:

In accordance with its stated policy, on October 18, 2007, the staff consulted with the South Carolina State official, Mr. R. Mike Gandy of the Department of Health and Environmental Control, regarding the environmental impact of the proposed action. The State official had no comments.

FINDING OF NO SIGNIFICANT IMPACT

On the basis of the environmental assessment, the NRC concludes that the proposed action will not have a significant effect on the quality of the human environment. Accordingly, the NRC has determined not to prepare an environmental impact statement for the proposed action.

For further details with respect to the proposed action, see the licensee's letter dated January 31, 2007. Documents may be examined and/or copied for a fee, at the NRC's Public Document Room (PDR), located at One White Flint North, 11555 Rockville Pike (first floor), Rockville, Maryland. Publicly available records will be accessible electronically from the Agencywide Documents Access and Management System (ADAMS) Public Electronic Reading Room on the Internet at the NRC Web site, <http://www.nrc.gov/reading-rm/adams.html>.

Persons who do not have access to ADAMS or who encounter problems in accessing the documents located in ADAMS should contact the NRC PDR Reference staff by telephone at 1-800-397-4209 or 301-415-4737, or send an e-mail to pdr@nrc.gov.

Dated at Rockville, Maryland, this 31st day of October 2007.

FOR THE NUCLEAR REGULATORY COMMISSION

/RA/

Leonard N. Olshan, Project Manager
Plant Licensing Branch II-1
Division of Operating Reactor Licensing
Office of Nuclear Reactor Regulation

Oconee Nuclear Station, Units 1, 2, and 3

cc:

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