

March 9, 1993

Docket Nos. 50-280
and 50-281

Mr. W. L. Stewart
Senior Vice President - Nuclear
Virginia Electric and Power Company
5000 Dominion Blvd.
Glen Allen, Virginia 23060

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Dear Mr. Stewart:

SUBJECT: SURRY POWER STATION, UNITS 1 AND 2 - ENVIRONMENTAL ASSESSMENT AND FINDING OF NO SIGNIFICANT IMPACT RELATING TO AMENDMENT REQUEST FOR SERVICE WATER SUPPLY LIMITING CONDITION FOR OPERATION (TAC NOS. M84893 AND M84894)

Enclosed is a copy of an "Environmental Assessment and Finding of No Significant Impact" for your information. This notice relates to your amendment request dated November 10, 1992, which would allow one of two service water flow paths to the main control and emergency switchgear rooms air conditioning condenser to be removed from service for system maintenance.

The assessment has been forwarded to the Office of the Federal Register for publication.

Sincerely,

(Original Signed By)

Bart C. Buckley, Sr. Project Manager
Project Directorate II-2
Division of Reactor Projects - I/II
Office of Nuclear Reactor Regulation

Enclosure:
Environmental Assessment

cc w/enclosure:
See next page

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Surry Power Station

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UNITED STATES NUCLEAR REGULATORY COMMISSIONVIRGINIA ELECTRIC AND POWER COMPANYSURRY POWER STATION, UNITS 1 AND 2DOCKET NOS. 50-280 AND 50-281

The U.S. Nuclear Regulatory Commission (the Commission) is considering issuance of amendments to the Virginia Electric and Power Company (the licensee), for the Surry Power Station, Unit Nos. 1 and 2, located in Surry County, Virginia.

ENVIRONMENTAL ASSESSMENTIdentification of Proposed Action:

The proposed amendments would revise Technical Specification (TS) to allow one of two service water flow paths to the main control and emergency switchgear rooms air conditioning condensers to be removed from service for system maintenance. This is accomplished by specifying an Action Statement for operable service water flow paths to the main control and emergency switchgear rooms air conditioning condensers governed by TS 3.14.C. A Limiting Condition for Operation (LCO) permitting one train to be out of service for 24 hours prior to HOT SHUTDOWN and an additional 48 hours prior to COLD SHUTDOWN will be used in lieu of the requirements of TS 3.0.1.

The Need for the Proposed Action:

The proposed change is necessary to facilitate system maintenance without shutting down the plants as currently required by the TS.

Environmental Impacts of the Proposed Action:

The Commission has completed its evaluation of the proposed revisions to the TS to allow the removal of one of the above cited service water flow paths

from service for a limited period of time and has found them to be acceptable. Without such operational flexibility, the current TS would require shutting down both Surry units, since both units share a common control room and air conditioning system. Routinely performing maintenance of this system will increase the reliability of the service water supply to the main control and emergency switchgear rooms' air conditioning condensers. Since an adequate supply of service water is being maintained by the redundant service water train, the existing analysis envelope remains bounding, hence there is not a significant increase in the probability or consequences of an accident. No changes are being made in the types of any effluents that may be released offsite, and there is no significant increase in the allowable individual or cumulative occupational radiation exposure. Accordingly, the Commission concludes that this action would result in no significant environmental impact.

With regard to potential non-radiological impacts, the proposed changes to the Technical Specifications involve systems located within the restricted area as defined in 10 CFR Part 20. They do not affect non-radiological plant effluents and have no other environmental impact. Therefore, the Commission concludes that there are no significant non-radiological environmental impacts associated with the proposed amendments.

The Notice of Consideration of Issuance of Amendments to Facility Operating Licenses and Opportunity for Hearing was published in the FEDERAL REGISTER on December 10, 1992 (57 FR 58523). No request for hearing or petition for leave to intervene was filed following this notice.

Alternatives to the Proposed Action:

Since the Commission has concluded that the environmental effects of the proposed action are not significant, any alternatives with equal or greater environmental impacts need not be evaluated.

The principal alternative would be to deny the requested amendments. This would not reduce the environmental impacts of plant operation and would result in no benefits to the public.

Alternative Use of Resources:

This action does not involve the use of any resources not previously considered in the Final Environmental Statement for the Surry Power Station, Units 1 and 2.

Agencies and Persons Consulted:

The NRC staff reviewed the licensee's request and did not consult other agencies or persons.

FINDING OF NO SIGNIFICANT IMPACT

The Commission has determined not to prepare an environmental impact statement for the proposed amendments.

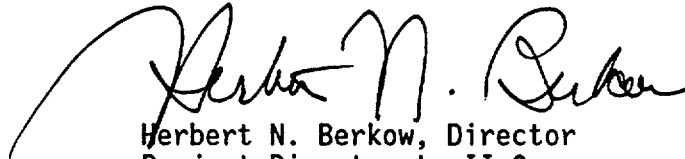
Based upon the foregoing environmental assessment, the NRC staff concludes that the proposed action will not have a significant effect on the quality of the human environment.

For further details with respect to this action, see the application for amendments dated November 10, 1992, which is available for public inspection

at the Commission's Public Document Room, the Gelman Building, 2120 L Street, NW., Washington, DC and at the Swem Library, College of William and Mary, Williamsburg, Virginia 23185.

Dated at Rockville, Maryland, this 9th day of March, 1993.

FOR THE NUCLEAR REGULATORY COMMISSION

A handwritten signature in black ink, appearing to read "Herbert N. Berkow". The signature is written in a cursive style with a large, sweeping initial "H".

Herbert N. Berkow, Director
Project Directorate II-2
Division of Reactor Projects - I/II
Office of Nuclear Reactor Regulation