

January 5, 1994

Docket Nos. 50-280
and 50-281

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

Dear Mr. Stewart:

SUBJECT: SURRY POWER STATION, UNITS 1 AND 2 - ENVIRONMENTAL ASSESSMENT AND FINDING OF NO SIGNIFICANT IMPACT (TAC NOS. M87061 AND M87062)

Enclosed is a copy of a "Environmental Assessment and Finding of No Significant Impact" for your information. This assessment relates to your application dated July 16, 1993, as supplemented November 15, 1993, for amendments to the Surry Technical Specifications (TS) to revise the limitations on concentrations of radioactive material released in liquid effluents and the limitations on the dose rate resulting from radioactive material released in gaseous effluents, and reflects the relocation of the prior 10 CFR 20.106 requirements to the new 10 CFR 20.1302.

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

Sincerely,

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

Enclosure:
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 50-281ENVIRONMENTAL ASSESSMENT AND FINDING OF NO SIGNIFICANT IMPACT

The U.S. Nuclear Regulatory Commission (the Commission) is considering issuance of amendments to Facility Operating License Nos. DPR-32 and DPR-37 issued to the Virginia Electric and Power Company (the licensee), for operation of the Surry Power Station, Units 1 and 2 located in Surry County, Virginia.

ENVIRONMENTAL ASSESSMENTIdentification of Proposed Action:

The proposed action would revise the limitations on concentrations of radioactive material released in liquid effluents and the limitations on the dose rate resulting from radioactive material released in gaseous effluents, and reflect the relocation of the prior 10 CFR 20.106 requirements to the new 10 CFR 20.1302. These changes are in response to the new 10 CFR Part 20. The review of an additional item, to revise the definition of "UNRESTRICTED AREA", was not completed and consequently is not included in the amendment. It will be addressed by separate correspondence.

The Need for the Proposed Action:

The proposed action is needed in order to retain operational flexibility consistent with 10 CFR Part 50, Appendix I, concurrent with the implementation of the revised 10 CFR Part 20.

Environmental Impact of the Proposed Action:

The proposed revision does not change the actual release rates as referenced in the Technical Specifications (TS) as a dose rate to the maximally exposed number of the public. Therefore, there will be no increase in the types or amounts of effluents that may be released offsite, nor an increase in individual or cumulative occupational radiation exposures. Therefore, the Commission concludes that there are no significant radiological environmental impacts associated with the proposed changes.

With regard to potential nonradiological impacts, the proposed changes do not affect nonradiological effluents and have no other environmental impact. Therefore, the Commission concludes that there are no significant nonradiological impacts associated with the proposed changes.

Alternatives to the Proposed Action:

Since the Commission's staff has concluded that there is no significant environmental impact associated with the proposed changes to the TS, any alternative to the amendments will have either no significantly different environmental impact or greater environmental impact. The principal alternative would be to deny the requested amendments. This would not reduce environmental impacts as a result of plant operation.

Alternative Use of Resources:

This action does not involve the use of any resources not previously considered in connection with the Final Environmental Statement related to the operation of the Surry Power Station, Units 1 and 2, dated May and June 1972, respectively.

Agencies and Persons Consulted:

The staff consulted with the State of Virginia regarding the environmental impact of the proposed action.

FINDING OF NO SIGNIFICANT IMPACT

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

Based on the above environmental assessment, the Commission concludes that the proposed action will not have a significant effect on the quality of the human environment.

For further information with respect to this action, see the application dated July 16, 1993, as supplemented November 15, 1993, which is available for public inspection at the Commission's Public Document Room, 2120 L Street, NW., Washington, DC and at the Swem Library, College of William and Mary, Williamsburg, Virginia 23185.

Dated at Rockville, Maryland, this 5th day of January 1994.

FOR THE NUCLEAR REGULATORY COMMISSION



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