

MAY 8 1986

Docket Nos. 50-280
and 50-281

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Mr. W. L. Stewart
Vice President - Nuclear Operations
Virginia Electric and Power Company
Post Office Box 26666
Richmond, Virginia 23261

Dear Mr. Stewart:

The Commission has forwarded the enclosed "Notice of Consideration of Issuance of Amendments to Facility Operating Licenses and Proposed No Significant Hazards Consideration Determination and Opportunity for Hearing" to the Office of the Federal Register for publication.

This notice relates to your application dated April 30, 1986, which requested that the previous exemption request dated November 5, 1985, as supplemented by two additional submittals, be considered an amendment request as required by the supplementary information in the notice for the amended GDC-4.

Sincerely,

/s/

Chandu P. Patel, Project Manager
PWR Project Directorate #2
Division of PWR Licensing-A
Office of Nuclear Reactor Regulation

Enclosure:
As stated

cc w/Encl: See next page

LA: PAD#2
D. Miller
5/7/86

PM: PAD#2
C. Patel;bg
5/7/86

AD: PAD#2
D. McDonald
5/7/86

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Mr. W. L. Stewart
Virginia Electric and Power Company

Surry Power Station

cc:

Mr. Michael W. Maupin
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Resident Inspector
Surry Power Station
U.S. Nuclear Regulatory Commission
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Surry, Virginia 23883

Mr. Sherlock Holmes, Chairman
Board of Supervisors of Surry County
Surry County Courthouse
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Division of Energy Regulation
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Virginia Electric and Power Company
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Regional Administrator, Region II
U.S. Nuclear Regulatory Commission
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James B. Kenley, M.D., Commissioner
Department of Health
109 Governor Street
Richmond, Virginia 23219

UNITED STATES NUCLEAR REGULATORY COMMISSIONVIRGINIA ELECTRIC AND POWER COMPANYDOCKET NOS. 50-280 AND 50-281NOTICE OF CONSIDERATION OF ISSUANCE OF AMENDMENTS TO
FACILITY OPERATING LICENSES AND PROPOSED NO SIGNIFICANT HAZARDS
CONSIDERATION DETERMINATION AND OPPORTUNITY FOR HEARING

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 Virginia Electric and Power Company (the licensee), for operation of the Surry Power Station, Unit Nos. 1 and 2 located in Surry County, Virginia.

The proposed amendments would permit plant operation with the reactor coolant pump and steam generator supports redesigned in accordance with the recently noticed amendment to General Design Criterion 4 (GDC-4), 10 CFR Part 50, Appendix A (51 FR 12502), which will be effective May 12, 1986.

The proposed amendments would be in response to the licensee's application for amendment dated April 30, 1986, which requested that the previous exemption request dated November 5, 1985, as supplemented by two additional submittals, be considered an amendment request as required by the supplementary information in the notice for the amended GDC-4.

Before issuance of the proposed license amendments, the Commission will have made findings required by the Atomic Energy Act of 1954, as amended (the Act) and the Commission's regulations.

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The Commission has made a proposed determination that the request for amendments involves no significant hazards consideration. Under the Commission's regulations in 10 CFR 50.92, this means that operation of the facility in accordance with the proposed amendments would not (1) involve a significant increase in the probability or consequences of an accident previously evaluated; or (2) create the possibility of a new or different kind of accident from any accident previously evaluated; or (3) involve a significant reduction in a margin of safety.

The amended GDC-4 states that "the dynamic effects associated with postulated pipe ruptures of primary coolant loop piping in pressurized water reactors may be excluded from the design basis when analyses demonstrate the probability of rupturing such piping is extremely low under design basis conditions." Based on the licensee's submittals and the Commission's review to date of these submittals, the advanced fracture mechanics techniques employed provide assurance that flaws in primary system piping will be detected before they reach a size that could lead to unstable crack growth. Therefore, the probability of large pipe breaks in the primary coolant system is sufficiently low such that dynamic effects associated with postulated pipe breaks need not be a design basis. In addition, based on the review to date, the revised design for the reactor coolant pump and steam generator supports adequately considers all remaining design basis loads. With this modification, the reactor coolant system equipment, piping and supports continue to have acceptable margins of safety under all licensed conditions except for the approved eliminated reactor coolant system (RCS) rupture. The accident mitigation features (e.g., emergency core cooling system, containment) of the plant are not affected by the proposed amendments. Therefore, operation of the facility in accordance with the

proposed amendments would not involve a significant increase in the probability or consequences of an accident previously evaluated.

Based on the Commission's review to date, the revised design for the reactor coolant pump and steam generator supports adequately considers all remaining design basis loads. The proposed change introduces no new mode of plant operation. Therefore, operation of the facility in accordance with the proposed amendments would not create the possibility of a new or different kind of accident from any accident previously evaluated.

Based on the Commission's review to date of the licensee's submittals, Code design criteria for the reactor coolant piping will not be exceeded. The revised design of the reactor coolant pump and steam generator supports will continue to have acceptable margins of safety under all licensed conditions except for the approved eliminated reactor coolant system rupture. The modification may result in net benefit due to increased access to other components for inspection and maintenance purposes and reduction in radiological exposure due to avoidance of further work on snubbers. Therefore, operation of the facility in accordance with the proposed amendment would not involve a significant reduction in a margin of safety.

Therefore, based on these considerations and the three criteria given above, the Commission has made a proposed determination that the request for amendments involves no significant hazards consideration.

The Commission is seeking public comments on this proposed determination. Any comments received within 30 days after the date of publication of this notice will be considered in making any final determination. The Commission will not normally make a final determination unless it receives a request for a hearing.

Comments should be addressed to the Rules and Records Branch, Division of Rules and Records, Office of Administration, U.S. Nuclear Regulatory Commission, Washington, DC 20555.

By June 9, 1986, the licensee may file a request for a hearing with respect to issuance of the amendments to the subject facility operating licenses and any person whose interest may be affected by this proceeding and who wishes to participate as a party in the proceeding must file a written petition for leave to intervene. Request for a hearing and petitions for leave to intervene shall be filed in accordance with the Commission's "Rules of Practice for Domestic Licensing Proceedings" in 10 CFR Part 2. If a request for a hearing or petition for leave to intervene is filed by the above date, the Commission or an Atomic Safety and Licensing Board, designated by the Commission or by the Chairman of the Atomic Safety and Licensing Board Panel, will rule on the request and/or petition and the Secretary or the designated Atomic Safety and Licensing Board will issue a notice of hearing or an appropriate order.

As required by 10 CFR §2.714, a petition for leave to intervene shall set forth with particularity the interest of the petitioner in the proceeding, and how that interest may be affected by the results of the proceeding. The petition should specifically explain the reasons why intervention should be permitted with particular reference to the following factors: (1) the nature of the petitioner's right under the Act to be made a party to the proceeding; (2) the nature and extent of the petitioner's property, financial, or other interest in the proceeding; and (3) the possible effect of any order which may be entered in the proceeding on the petitioner's interest. The petition should also identify the specific aspect(s) of the subject matter

of the proceeding as to which petitioner wishes to intervene. Any person who has filed a petition for leave to intervene or who has been admitted as a party may amend the petition without requesting leave of the Board up to fifteen (15) days prior to the first prehearing conference scheduled in the proceeding, but such an amended petition must satisfy the specificity requirements described above.

Not later than fifteen (15) days prior to the first prehearing conference scheduled in the proceeding, a petitioner shall file a supplement to the petition to intervene which must include a list of the contentions which are sought to be litigated in the matter, and the bases for each contention set forth with reasonable specificity. Contentions shall be limited to matters within the scope of the amendments under consideration. A petitioner who fails to file such a supplement which satisfies these requirements with respect to at least one contention will not be permitted to participate as a party.

Those permitted to intervene become parties to the proceeding, subject to any limitations in the order granting leave to intervene, and have the opportunity to participate fully in the conduct of the hearing, including the opportunity to present evidence and cross-examine witnesses.

If a hearing is requested, the Commission will make a final determination on the issue of no significant hazards consideration. The final determination will serve to decide when the hearing is held.

If the final determination is that the request for amendments involves no significant hazards consideration, the Commission may issue the amendments and make it effective, notwithstanding the request for a hearing. Any hearing held would take place after issuance of the amendments.

If a final determination is that the amendments involve a significant hazards consideration, any hearing held would take place before the issuance of any amendment.

Normally, the Commission will not issue the amendments until the expiration of the 30-day notice period. However, should circumstances change during the notice period such that failure to act in a timely way would result, for example, in derating or shutdown of the facility, the Commission may issue the license amendments before the expiration of the 30-day notice period, provided that its final determination is that the amendments involve no significant hazards consideration. The final determination will consider all public and State comments received. Should the Commission take this action, it will publish a notice of issuance and provide for opportunity for a hearing after issuance. The Commission expects that the need to take this action will occur very infrequently.

A request for a hearing or a petition for leave to intervene must be filed with the Secretary of the Commission, U.S. Nuclear Regulatory Commission, Washington, DC 20555, Attention: Docketing and Service Branch, or may be delivered to the Commission's Public Document Room, 1717 H Street, N.W., Washington, DC, by the above date. Where petitions are filed during the last ten (10) days of the notice period, it is requested that the petitioner promptly so inform the Commission by a toll-free telephone call to Western Union at (800) 325-6000 (in Missouri (800) 342-6700). The Western Union operator should be given Datagram Identification Number 3737 and the following message addressed to Lester S. Rubenstein: (petitioner's name and telephone number), (date petition was mailed), (plant name), and (publication date and page number of this FEDERAL REGISTER notice). A copy of the petition

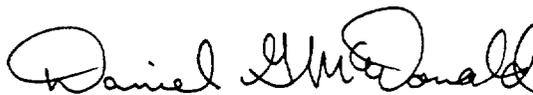
should also be sent to the Executive Legal Director, U.S. Nuclear Regulatory Commission, Washington, DC 20555, and to Michael W. Mauphin, Esq., Hunton, Williams, Gay and Gibson, P. O. Box 1535, Richmond, Virginia 23212, attorney for the licensee.

Nontimely filings of petitions for leave to intervene, amended petitions, supplemental petitions and/or requests for hearing will not be entertained absent a determination by the Commission, the presiding officer or the Atomic Safety and Licensing Board designated to rule on the petition and/or request, that the petitioner has made a substantial showing of good cause for the granting of a late petition and/or request. That determination will be based upon a balancing of the factors specified in 10 CFR 2.714(a)(1)(i)-(v) and 2.714(d).

For further details with respect to this action, see the application for amendments dated April 30, 1986, which is available for public inspection at the Commission's Public Document Room, 1717 H Street, N.W., Washington, DC, and at the Swem Library, College of William and Mary, Williamsburg, Virginia 23185.

Dated at Bethesda, Maryland, this 6th day of May, 1986.

FOR THE NUCLEAR REGULATORY COMMISSION



Daniel G. McDonald, Acting Director
PWR Project Directorate #2
Division of PWR Licensing-A