

UNITED STATES NUCLEAR REGULATORY COMMISSION  
VIRGINIA ELECTRIC AND POWER COMPANY  
DOCKET NOS. 50-338 AND 50-339  
NOTICE OF CONSIDERATION OF ISSUANCE OF AMENDMENTS TO  
FACILITY OPERATING LICENSES AND OPPORTUNITY FOR HEARING

The U.S. Nuclear Regulatory Commission (the Commission) is considering issuance of amendments to Facility Operating License Nos. NPF-4 and NPF-7, issued to the Virginia Electric and Power Company (the licensee), for the operation of the North Anna Power Station, Units No. 1 and No. 2 (NA-1&2) located in Louisa County, Virginia.

The proposed amendments would modify the NA-1&2 TS, Section 3.7.12, Table 3.7.5 to delete components which were replaced during the Service Water Reservoir Improvement Project and to change the allowable differential settlement between Unit 2 Main Steam Valve House and the Service Building (SB).

The proposed changes to the NA-1&2 TS, Section 3.7.12, Table 3.7.5 would delete the settlement monitoring requirements for service water lines which were removed from service and replaced with new lines connecting the Service Water System to the new Service Water Valve House and spray headers during the Service Water Reservoir Improvement Project in 1987. This replacement was approved by the NRC in license Amendments 91 and 76, respectively, on March 27, 1987.

The proposed changes would also revise the limit for differential settlement between points 117 and 113 of Table 3.7-5. The differential settlement between settlement monitoring points 117, the SB, and 113, the NA-2 Main Steam Valve House (MSVH), has frequently approached 75% of the allowable value in Table 3.7-5 of TS Section 3.7.12, and the measured value exceeded 75% of the allowable

value in June 1987 and in 1980. A report on exceeding 75% of allowable differential settlement between these two points was submitted to the NRC in 1981 and in August 1987 in accordance with the NA-1&2 TS. The August 1987 report is provided as part of the licensee's March 10, 1988 submittal.

The primary concern of the differential settlement between the SB and the NA-2 MSVH is the effect on the four buried service water lines running between the two structures. The code allowable stress in the service water lines for differential settlement condition is 45,000 pounds per square inch (psi). As stated in the NA-1&2 TS, critical differential settlement is the downward movement of the SB with respect to the MSVH. The results of an engineering analysis show that, disregarding survey inaccuracies, there has been negligible additional settlement of the SB since 1981.

The differential settlement limit of 0.03 feet in the TS was based upon an estimate of future differential settlement between points 117 and 113. The service water pipe stress analysis shows that considerable margin exists before code-allowable stresses would be exceeded and, therefore, the differential settlement of the SB with respect to the NA-2 MSVH has had no significant impact on the service water pipes or on plant operability.

The proposed changes would revise the allowable value of differential settlement between the SB and the NA-2 MSVH from 0.03 feet to 0.047 feet. This value, 0.047 feet, corresponds to a stress of 44,176 psi in the service water lines, which is still below the code-allowable stress of 45,000 psi. The reportable threshold of 75% would still be maintained in the NA-1&2 TS.

Prior to 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.

By June 22, 1988, the licensee may file a request for a hearing with respect to issuance of the amendment to the subject facility operating license 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 request for a hearing and a petition for leave to intervene. Requests 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 pre-hearing 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 that 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.

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, D.C. 20555, Attention: Docketing and Service Branch, or may be delivered to the Commission's Public Document Room, 1717 H Street, N.W. Washington, D.C., 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 1-(800) 325-6000 (in Missouri 1-(800) 342-6700). The Western Union operator should be given Datagram Identification Number 3737 and the following message addressed to Herbert N. Berkow: 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 Office of the General Counsel, U.S. Nuclear Regulatory Commission, Washington, D.C. 20555, and to Michael W. Maupin, Esq., Hunton and Williams, P. O. Box 1535, Richmond, Virginia 23212.

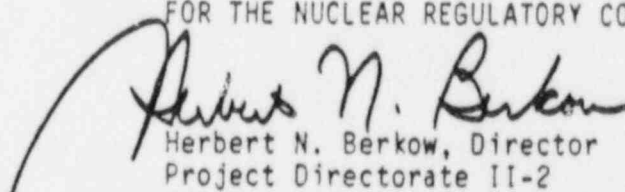
Nontimely filings of petitions for leave to intervene, amended petitions, supplemental petitions and/or requests for hearing will not be entertained absent a determination by the Commission, the presiding officer or the presiding Atomic Safety and Licensing Board that the petition and/or request should be granted based upon a balancing of the factors specified in 10 CFR 2.714(a)(1)(i)-(v) and 2.714(d).

If a request for a hearing is received, the Commission's staff may issue the amendment after it completes its technical review and prior to the completion of any required hearing if it publishes a further notice for public comment of its proposed finding of no significant hazards considerations in accordance with 10 CFR 50.91 and 50.92.

For further details with respect to this action, see the application for amendment dated March 10, 1988, which is available for public inspection at the Commission's Public Document Room, 1717 H Street, N.W., Washington, D.C. 20555, and at the Alderman Library, Manuscripts Department, University of Virginia, Charlottesville, Virginia 22901.

Dated at Rockville, Maryland, this 12th day of May, 1988.

FOR THE NUCLEAR REGULATORY COMMISSION



Herbert N. Berkow, Director

Project Directorate II-2  
Division of Reactor Projects I/II  
Office of Nuclear Reactor Regulation