



UNITED STATES  
NUCLEAR REGULATORY COMMISSION  
WASHINGTON, D.C. 20555-0001

SAFETY EVALUATION BY THE OFFICE OF NUCLEAR REACTOR REGULATION  
RELATED TO AMENDMENT NO.212TO FACILITY OPERATING LICENSE NO. DPR-32  
AND AMENDMENT NO.212TO FACILITY OPERATING LICENSE NO. DPR-37  
VIRGINIA ELECTRIC AND POWER COMPANY  
SURRY POWER STATION, UNIT NOS. 1 AND 2  
DOCKET NUMBERS: 50-280 AND 50-281

1.0 INTRODUCTION

The regulations require that inservice examination of components and system pressure tests conducted during the first 10-year interval and subsequent intervals comply with the requirements in the latest edition and addenda of Section XI of the American Society of Mechanical Engineers (ASME) Code incorporated by reference in 10 CFR 50.55a(b) 12 months prior to the start of the 120-month interval, subject to the limitations and modifications listed therein. The applicable edition of Section XI of the ASME Code for Surry Power Station, Units 1 and 2, third 10-year inservice inspection (ISI) interval is the 1989 edition.

If the licensee determines that the revised inspection program for the facility conflicts with the Technical Specifications (TS) for the facility, then the licensee shall amend the TS to conform to the revised inspection program as required by 10 CFR 50.55a(g)(5)(ii), at least 6 months prior to the period during which the provisions become applicable. In a letter dated February 3, 1997, Virginia Electric and Power Company (licensee) submitted to the NRC a proposed TS change to delete a specific reference to the ASME Section XI Code reference and replace it with a general reference to the ASME Section XI Code for Class 2 welds (IWC) in Section 4.15 of the TS. Also, in a supplemental letter dated March 18, 1997, the licensee requested to reincorporate specific pages TS 4.15-1, TS 4.15-3, and TS FIG 4.15. It was discovered prior to this submittal, that these three pages may have been inadvertently omitted in a previous amendment to the Surry Unit 1 and 2 TS (Amendments 39 and 40 on April 13, 1978).

2.0 EVALUATION

The staff has evaluated the information provided by the licensee, in submittals dated February 3, 1997, and March 18, 1997, in support of proposed changes to the TS.

For ISI of the main steam and feedwater lines at Surry, Units 1 and 2, the TS require the licensee to meet Section XI requirements of the ASME Boiler and Pressure Vessel Code up to and including the Winter 1972 Addenda. However, pursuant to 10 CFR 50.55a, licensees are required to update the ASME Code, Section XI requirements every 10 years (120 months) to the latest edition and addenda of Section XI incorporated by reference in 10 CFR 50.55a(b) on the date 12 months prior to the start of the 10-year interval subject to the limitations and modifications therein.

The latest version of the ASME Code, Section XI referenced in 10 CFR 50.55a(b) is the 1988 Addenda and editions through the 1989 Edition. The ISI program for Surry, Units 1 and 2, is currently in its third 10-year interval, and the licensee is committed to meet the requirements of the 1989 Edition. The staff has reviewed the Surry, Units 1 and 2, ISI program plans for the third 10-year interval and has found them acceptable.

The staff has previously approved the ISI program plans which include the 1989 Edition of the ASME Code, Section XI. By deleting the TS reference to the 1972 Winter Addenda of the ASME Section XI Code, the TS will be made consistent with the current approved ISI program. This represents an administrative change because the 1989 Code Edition in the ISI program has been implemented at the Surry Station.

Additionally, subsequent to the February 3, 1997 submittal, it was identified that pages TS 4.15-1, TS 4.15-3, and TS Fig. 4.15 were inadvertently omitted in previous amendments (Amendments 39 and 40) to the Surry, Unit 1 and Unit 2 TS. Therefore, for the purpose of clarity, in addition to the specific proposed change noted above, TS 4.15 has been revised to include those pages which were inadvertently omitted.

### 3.0 STATE CONSULTATION

In accordance with the Commission's regulations, the Virginia state official was notified of the proposed issuance of amendments. The State official had no comment.

### 4.0 ENVIRONMENTAL CONSIDERATION

These amendments change a requirement with respect to installation or use of a facility component located within the restricted area as defined in 10 CFR Part 20. The NRC staff has determined that the amendments involve no significant increase in the amounts, and no significant change in the types, of any effluents that may be released offsite, and that there is no significant increase in individual or cumulative occupational radiation exposure. The Commission has previously issued a proposed finding that these amendments involve no significant hazards consideration and there has been no public comment on such finding (62 FR 17242). Accordingly, these amendments meet the eligibility criteria for categorical exclusion set forth in 10 CFR 51.22(c)(9). Pursuant to 10 CFR 51.22(b) no environmental impact statement or environmental assessment need be prepared in connection with the issuance of these amendments.

### 5.0 CONCLUSION

The Commission has concluded, based on the considerations discussed above, that: (1) there is reasonable assurance that the health and safety of the public will not be endangered by operation in the proposed manner, (2) such

activities will be conducted in compliance with the Commission's regulations, and (3) the issuance of the amendments will not be inimical to the common defense and security or to the health and safety of the public.

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Date: July 15, 1997