

## APPENDIX A

Washington Public Power Supply System  
P. O. Box 968  
Richland, Washington 99352

Docket Nos. 50-460 and 50-513  
Construction Permit Nos. CPPR-134 and CPPR-174

### NOTICE OF VIOLATION

Based on the results of an NRC inspection conducted October 10-13, 1978, it appears that certain of your activities were not conducted in full compliance with conditions of your NRC Construction Permits No. CPPR-134 and CPPR-174 as indicated below.

- A. 10 CFR 50, Appendix B, Criterion V, and WPPSS PSAR Paragraph 17.1.5, requires that activities affecting quality be prescribed by instructions and procedures and be accomplished in accordance with these instructions and procedures.

Shurtleff and Andrews Quality Assurance Procedure 2.E, Stud Welding and Inspection, requires that for stud welding:

1. Studs be free of rust.
2. The first two studs included on each member be bent to an angle of 30 degrees.
3. The first two studs welded on each member be bent to checkout the welding equipment and procedure.

Contrary to the above, at Units 1 and 4 on October 12, 1978, rusted studs were being welded, approximately 40% of the first two studs welded on each member were not being bent the required 30 degrees, and when two men were welding on the same member using different welding equipment, only one bent the first two studs welded.

This is an infraction.

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- B. 10 CFR 50, Appendix B, Criterion II and IX, the WPPSS PSAR Paragraph 17.1.2 and 17.1.9, and the WPPSS Quality Assurance Manual, Chapter 9, Paragraph 4.1.3 requires that inspection personnel be trained and qualified in accordance with applicable standards.

Shurtleff and Andrews Quality Assurance Procedure 13, Qualification of Quality Assurance Personnel, requires that:

1. The Level III inspector be a graduate of an accredited college or a high-school graduate with ten years experience.
2. A Level II inspector be a graduate of high school and have four years experience.

Contrary to the above, at Units 1 and 4 on October 12, 1978, the Level III inspector had a Masters Degree in Electrical Engineering from John Quincy Adams College which is not accredited. This degree was the only education listed. The Level II inspector was a high school graduate but did not possess four years experience.

This item is an infraction.

The failure of Shurtleff and Andrews quality control inspectors to meet personnel qualification requirements was cited once previously as an item of noncompliance in IE Inspection Report No. 50-460/77-03.

- C. 10 CFR 50, Appendix B, Criterion XIII states, in part, that "Measures shall be established to control the ... storage ... and preservation of material and equipment in accordance with work and inspection instructions..."

Paragraph 17.1.13 of the PSAR states, in part, that "... documentation pertaining to the ... preservation ... storage ... of the items ... will be filed and maintained in a traceable, retrievable ... manner ..."; "... items delivered to the site are stored ... and preserved in accordance with ... equipment manufacturer's requirements ..."; and, "... these functions (storage, preservation) are performed in accordance with approved procedures and instructions ..."

WPPSS Procedure QAP-16, as approved procedure entitled "Handling, Storage and Shipping" requires that:

1. Documentation generated as a result of procedure implementation shall be filed and maintained.



2. Measures be established to control storage, including preservation of equipment.

Contrary to the above, on October 11, 1978, records for the preventive maintenance inspection of valves 1-DH-V7A, 1-DHR-FCV-3 A and B requested during inspection 78-06, were still unavailable at the time of this inspection. Also records indicated that storage conditions for the reactor pressure vessel had not been inspected for 39 days on October 11, 1978, contrary to the 30-day maximum interval specified in the storage instructions.

Further, on October 12, 1978, it was found that definitive storage instructions for the rotor of the diesel driven electric generator were not established which resulted in storage conditions different than those established by the equipment manufacturer.

This item is a deficiency.