



UNCLASSIFIED
NUCLEAR REGULATORY COMMISSION
WASHINGTON, D. C. 20545

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February 17, 1977

Packet No.: 10-298

Nebraska Public Power District
ATTN: Mr. J. R. Piliant, Director
Licensing & Quality Assurance
P. O. Box 688
Columbus, Nebraska 68501

Re: Notices:

By letter dated September 10, 1975, you requested four exemptions to the requirements of the 10 CFR Part 90 Appendix J for the Cooper Nuclear Station. Two of the requested exemptions are:

1. The personnel air lock door would be tested at 3 psig after each opening during the interval between 80 psig tests.
2. The feedwater check valves would be tested with water rather than air or nitrogen.

To enable us to continue our review of the requested exemptions, you are requested to submit the information identified in the enclosure to this letter within 45 days of the date of this letter.

Sincerely,

Boris L. Ziemski
Boris L. Ziemski, Chief
Operating Reactors Branch #2
Division of Operating Reactors

Enclosure:
Request for Additional Information

cc w/enclosure: See next page

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REQUEST FOR ADDITIONAL INFORMATION
REGARDING APPENDIX J EXEMPTION REQUESTS FOR
CHOPER NUCLEAR STATION

1. For the 3 psig test of personnel air lock doors, provide an
equivalence criterion which will correlate the leakage rate
at 3 psig to the leakage rate at 58 psig.
2. Demonstrate that the feedwater check valves will remain filled
with water during and after a postulated loss of coolant
accident and that the fission products entrained in liquid
leakage will not result in additional radiological dose such
that the total accident dose would exceed 10 CFR Part 100
guidelines. Include the WPCI and RCIC-to-feedwater check
valves in your demonstration. Alternatively, either develop
a correlation to an equivalent air leakage rate or modify the
systems to permit leak testing with air or nitrogen.

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