



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

SAFETY EVALUATION BY THE OFFICE OF NUCLEAR REACTOR REGULATION

SUPPORTING AMENDMENT NO. 71

TO FACILITY OPERATING LICENSE NO. DPR-42

NORTHERN STATES POWER COMPANY

PRAIRIE ISLAND NUCLEAR GENERATING PLANT, UNIT NO. 1

DOCKET NO. 50-282

Introduction

By letter dated July 9, 1984, Northern States Power Company (NSP or the licensee) requested a technical specification change for the Prairie Island Nuclear Generating Plant Unit No. 1 concerned with the operability of defective steam generator tubes. The proposed technical specification change submitted by the licensee is in response to NRC's request of July 6, 1984.

Evaluation

Prairie Island Unit 1 is experiencing primary to secondary steam generator leakage. The leakage was reported to the Commission by the licensee by a telephone call on June 12, 1984 and by letter dated June 18, 1984. We have evaluated the safety ramifications of the leakage and wrote a safety evaluation addressing it. The safety evaluation was forwarded to the licensee on July 6, 1984. Our evaluation concluded that, since the defects are located within the tubesheet of the steam generator, they do not at this time constitute an undue hazard to the public health and safety. The correction entails placing a footnote under specification 4.12.D.2. This specification states that the steam generator shall be determined operable after completing the corresponding actions (plug all tubes exceeding the plugging limit and all tubes containing through-wall cracks) required by Table TS 4.12-1. The footnote will state "except for three tubes identified in a letter dated June 18, 1984 from NSP to Director of HRR during Unit 1, Cycle 9." The proposed footnote is acceptable and will only be in effect for Cycle 9, which is estimated to end in December 1984.

Environmental Consideration

This amendment involves a change in the installation or use of a facility component located within the restricted area as defined in 10 CFR Part 20. The staff has determined that the amendment involves 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 radiation exposure. The Commission has previously issued a proposed finding that this amendment involves no

significant hazards consideration and there has been no public comment on such finding. Accordingly, this amendment meets 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 this amendment.

Conclusion

We have concluded, based on the considerations discussed above and on the safety evaluation issued to the licensee on July 6, 1984, that: (1) there is reasonable assurance that the health and safety of the public will not be endangered by operation in the proposed manner, and (2) such activities will be conducted in compliance with the Commission's regulations and the issuance of this amendment will not be inimical to the common defense and security or to the health and safety of the public.

Date: October 18, 1984

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