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June 24, 1983

Director
Office of Nuclear Reactor Regulation
U S Nuclear Regulatory Commission
Washington, DC 20555

PRAIRIE ISLAND NUCLEAR GENERATING PLANT
Docket Nos. 50-282 License Nos. DPR-42
50-306 DPR-60

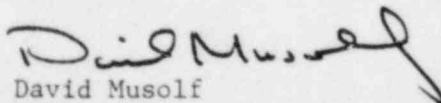
License Amendment Request dated June 24, 1983
LOCA Analysis

Attached are three originals and 37 conformed copies of a request for a change of Technical Specifications, Appendix A, of Operating Licenses DPR-42 and 60. Also attached is one copy of the License Amendment class determination and a check in the amount of \$4,400.00 for the amendment fee.

This submittal proposes changes to Section 3.10 of the Prairie Island Technical Specifications resulting from a new LOCA analysis performed by Exxon Nuclear Corporation. Additional information will be submitted by July 29, 1983 which will discuss the effect of the increase in peak pellet exposure to 55 GWD/MTU on off-site doses.

This analysis has corrected the error found in the previous LOCA analysis (see Licensee Event Report 83-001/01T-0 dated February 18, 1983). The self imposed 1% F_Q reduction (compensating for the error) will no longer be used following approval of this amendment.

Exhibit A describes the proposed change, reason for change, and safety evaluation. Exhibit B contains the revised Appendix A pages. Exhibit C, Prairie Island Units 1 and 2 limiting break LOCA-ECCS analysis using EXEM/PWR XN-NF-83-38, contains the technical justification for the proposed changes.


David Musolf
Manager-Nuclear Support Services

DMM/TMP/dab

cc: Regional Admin-III, NRC
NRR Resident Inspector, NRC
MPCA
Attn: J W Ferman

Attachments

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PDR ADOCK 05000282
P PDR

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Rec'd w/check \$4,400