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 AUTH. NAME AUTHOR AFFILIATION
 MAYER, L.O. Northern States Power Co.
 RECIPIENT NAME RECIPIENT AFFILIATION
 Office of Nuclear Reactor Regulation

SUBJECT: Responds to 782016 request for addl info re reactor vessel
 matl surveillance program. Forwards NEDO-12497, "Plant Info
 on Reactor Vessel Matl Surveillance Program." *See Reports*

DISTRIBUTION CODE: A021S COPIES RECEIVED: LTR 40 ENCL 40 SIZE: 1+87
 TITLE: Reactor Vessel Material Surveillance

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NORTHERN STATES POWER COMPANY

MINNEAPOLIS, MINNESOTA 55401

October 4, 1979

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

MONTICELLO NUCLEAR GENERATING PLANT
Docket No. 50-263 License No. DPR-22

Reactor Vessel Material Surveillance Program

In a letter dated February 16, 1978, from Mr D K Davis, Acting Chief, Operating Reactors Branch No. 2, Division of Operating Reactors, Northern States Power Company was requested to provide additional information concerning the reactor vessel material surveillance program at Monticello. The attached General Electric Report, NEDO-24197, "Monticello Nuclear Generating Plant Information on Reactor Vessel Material Surveillance Program," June, 1979, provides the requested information.

Section 6 of NEDO-24197, "Predicted Adjusted Reference Temperature - Irradiation" will be revised in a supplement to NEDO-24197 which will be issued by General Electric in the near future. The predicted end of life fluence at T/4 reported in Section 6 is in error. The correct value, adjusted for maximum error in flux wire dosimeter analysis and dosimeter location, is 2.2×10^{18} n/cm². Using the upper limit curve in Regulatory Guide 1.99 with this fluence results in a predicted value of end of life adjusted reference temperature of 195°F.

Please contact us if you have any questions concerning this report.

L. O. Mayer

L O Mayer, PE
Manager of Nuclear Support Services

LOM/DMM/ak

cc: J G Keppler
G Charnoff

Attachment

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