



UNITED STATES ATOMIC ENERGY COMMISSION

NORTHERN STATES POWER COMPANY

Monticello Nuclear Generating Plant E-5979

Docket Number D-263

Regulatory

File Cy.

AMENDMENT NO. 27

TO

APPLICATION FOR AEC CLASS 104b OPERATING
LICENSE FOR A UTILIZATION FACILITY

Northern States Power Company, a corporation organized under the laws of the State of Minnesota, applicant for an operating license for the Monticello Nuclear Generating Plant, hereby amends its application by submission of Amendment No. 27.

Amendment No. 27 provides supplemental information relating to modifications to sensitized stainless components described in Amendment 26.



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This Amendment to the application contains no restricted
or other defense information.

Dated May 19, 1970

NORTHERN STATES POWER COMPANY

By

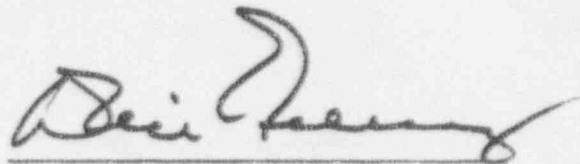
A handwritten signature in dark ink, appearing to read "D. F. McElroy", written over a horizontal line.

D. F. McElroy

STATE OF MINNESOTA)

COUNTY OF HENNEPIN)

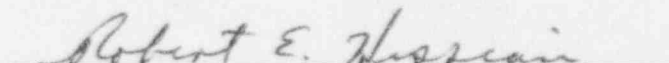
D. F. McElroy, being first duly sworn, says that he is the Vice President-Engineering of Northern States Power Company, a corporation organized and existing under and by virtue of laws of the State of Minnesota, that he executed the foregoing application for amendment for the purpose therein set forth; that the statements made in said application for amendment are true and correct to the best of his knowledge and belief; that he was authorized to execute said application on behalf of said corporation; and that the seal affixed is the corporate seal of said corporation.



D. F. McElroy

Subscribed and sworn to before me

This 19 day of May, 1970


Robert E. Hessian
Notary Public, Hennepin County, Minnesota

My Commission Expires May 15, 1976



Regulatory

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MONTICELLO NUCLEAR GENERATING PLANT E-5979

Docket Number 50-263

Amendment No. 27 Technical Information

May 19, 1970

Amendment No. 26, submitted on May 7, describes certain modifications to sensitized stainless components of the reactor vessel. The safe ends for the recirculation outlet nozzles (N1A & N1B) are being clad on the ID surfaces with stainless steel.

Cladding of the OD surfaces of the safe ends was withheld pending a finding that the clad overlay would not interfere with ultrasonic inspection techniques. Laboratory work had now been completed to verify that this OD overlay cladding will not interfere with ultrasonic interrogation of the base material.

We, therefore, are proceeding to clad the OD surfaces of the safe ends for the recirculation outlet nozzles. The surface of the overlay will be ground to provide smoothness required to enhance the ultrasonic examination.

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