

Docket No. 50-263

AUG 23 1977

Northern States Power Company
ATTN: Mr. L. O. Mayer, Manager
Nuclear Support Services
414 Nicollet Mall - 8th Floor
Minneapolis, Minnesota 55401

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Docket
NRC PDR
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ORB-2 Reading
RPSnaider
RMDiggs
DEisenhut
Attorney, OELD
I&E (3)
JRBuchanan
TBAbernathy
TJCarter
ACRS (16)

Gentlemen:

RE: MONTICELLO NUCLEAR GENERATING PLANT

The NRC has completed its initial evaluation of the BWR feedwater nozzle and control rod drive (CRD) line return nozzle cracking phenomena and experience to date. This evaluation has considered examination results reported by BWR owners, theoretical analyses of the causes of the cracking and propagation, and studies of potential remedial measures to minimize crack initiation and growth for the short term and also to eliminate the causes of cracking for the longer term. The enclosed staff report presents our position regarding feedwater nozzle and CRD nozzle cracking and includes inspection criteria to be used by licensees to monitor crack growth until such time as the causes of cracking have been eliminated.

Although you have already made us aware of your tentative plans for nozzle inspection and repair during the forthcoming Monticello 1977 refueling outage, and we expect to continue discussion of this subject in the near future, you should especially note the requested information submittals of Part I, Section 7 and Part II Section 5. These submittals should be provided prior to each outage subsequent to the Fall, 1977 outage.

Sincerely,

Original signed by



Don K. Davis, Acting Chief
Operating Reactors Branch #2
Division of Operating Reactors

Enclosure:
Staff Report

cc w/enclosure:
See next page

min 4/12

OFFICE➤	DOR:ORB-2	DOR:ORB-2				
SURNAME➤	RPSnaider:es	DKDavis				
DATE➤	8/22/77	8/23/77				



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

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Sincerely,

A handwritten signature in dark ink, appearing to read "Don K. Davis", is written over the typed name.

Don K. Davis, Acting Chief
Operating Reactors Branch #2
Division of Operating Reactors

Enclosure:
Staff Report

cc w/enclosure:
See next page

August 23, 1977

cc

Gerald Charnoff, Esquire
Shaw, Pittman, Potts and
Trowbridge
1800 M Street, N. W.
Washington, D. C. 20036

Arthur Renquist, Esquire
Vice President - Law
Northern States Power Company
414 Nicollet Mall
Minneapolis, Minnesota 55401

Howard J. Vogel, Esquire
Legal Counsel
2750 Dean Parkway
Minneapolis, Minnesota 55416

Mr. Kenneth Dzigan
Environmental Planning Consultant
Office of City Planner
Grace Building
421 Wabasha Street
St. Paul, Minnesota 55102

Sandra S. Gardebring
Executive Director
Minnesota Pollution Control Agency
1935 W. County Road B2
Roseville, Minnesota 55113

Anthony Z. Roisman, Esquire
Roisman, Kessler and Cashdan
1025 15th Street, N. W., 5th Floor
Washington, D. C. 20005

The Environmental Conservation Library
Minneapolis Public Library
300 Nicollet Mall
Minneapolis, Minnesota 55401