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Northern States Power Company

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Minneapolis, Minnesota 55401
Telephone (612) 330-5500

July 17, 1984

Mr J G Keppler
Regional Administrator - Region III
U S Nuclear Regulatory Commission
799 Roosevelt Road
Glen Ellyn, Illinois 60137

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

Response to IE Bulletin 84-02, HFA Relay Failure

Dear Mr Keppler:

The following is submitted in response to IE Bulletin 84-02:

Replacement Schedule

All coils of safety-related General Electric HFA relays containing lexan or nylon coil spools will be replaced with new, Century Series Tefzel, coils. If replacement coils cannot be obtained, then the entire relay will be replaced.

The coils of the normally energized AC relays have been replaced with Century Series Tefzel coils. The normally energized DC relay coils are scheduled for replacement during the current outage. However, procurement problems may prevent the replacement during this outage of two normally energized DC relays in the reactor protection system. These are unique time delay relays (Model 12HFA65) that provide a delay for resetting the mode switch in shutdown position scram. These coils will be replaced at the first scheduled outage after the replacement coils are available. Normally de-energized AC and DC relay coils will be replaced during the next refueling outage.

Testing and Inspection

The two normally energized DC relays in the reactor protection system with coils that may not be replaced during the current outage cannot be tested without initiating a scram or disabling the mode switch shutdown scram function. Therefore, testing cannot be done during operation. These relays have been visually inspected and are in good condition. The inspection will continue on a monthly basis until coil replacement. All other normally energized relay coils will have been replaced prior to startup. Therefore, no additional tests or inspections are required.

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Basis for Continuing Operation

No aging degradation of normally energized DC HFA relays has been identified at Monticello. The inspections described above for the two normally energized DC relays in the reactor protection system are sufficient to provide reasonable assurance that they will continue to perform their intended function until the coils are replaced. All other normally energized relay coils will have been replaced prior to startup from the current outage. Therefore, no additional basis for continuing operation is required.

Failure of the two normally energized DC relays in the reactor protection system will only affect the mode switch shutdown scram function. Manual scram and all automatic scram functions are not affected by failure of these components.

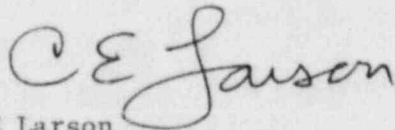
Spare Parts

Spare HFA relays with lexan or nylon coils will be replaced with Century Series relays or will have Century Series Tefzel coil spools installed.

Applicability to Other Relays

Failures attributable to aging degradation similar to those described in the bulletin have not been experienced with other relays at Monticello. Therefore, no additional corrective actions are required.

If there are any questions related to our response, please contact us.



C E Larson
Vice President Nuclear Generation

c: G Charnoff
Resident Inspector, NRC
Document Control Desk, NRC

Attachment

UNITED STATES NUCLEAR REGULATORY COMMISSION

NORTHERN STATES POWER COMPANY

MONTICELLO NUCLEAR GENERATING PLANT

Docket No. 50-263

RESPONSE TO I.E. BULLETIN 84-02

Northern States Power Company, a Minnesota corporation, by this letter dated July 17, 1984 hereby submits the response to I.E. Bulletin 84-02 for the Monticello Nuclear Generating Plant.

This letter contains no restricted or other defense information.

NORTHERN STATES POWER COMPANY

By

C E Larson
C E Larson

Vice President Nuclear Generation

On this 17th day of July, 1984 before me a notary public in and for said County, personally appeared C E Larson, Vice President Nuclear Generation, and being first duly sworn acknowledged that he is authorized to execute this document on behalf of Northern States Power Company, that he knows the contents thereof and that to the best of his knowledge, information and belief, the statements made in it are true and that it is not interposed for de'ay.

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