



Northern States Power Company

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May 3, 1985

Director
Office of Inspection and Enforcement
U S Nuclear Regulatory Commission
Washington, DC 20555

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

Report of Defective Components (SSH-M-85/01)

The following information is reported in accordance with 10 CFR Part 21, Section 21.21 (b)(3). Northern States Power Company has determined that components intended for the Monticello Combustible Gas Control System (CGCS) were manufactured with potential defects which may have presented a substantial safety hazard.

The defective components were supplied by the manufacturer of recombiners used in the CGCS. The defects were detected during testing of the components prior to their installation during the 1984 refueling and maintenance outage. The components were repaired prior to plant startup.

The following information is provided related to this defect:

1. Name and Address of Individual or Individuals Informing the Commission

David Musolf, Manager-Nuclear Support Services
Northern States Power Company
414 Nicollet Mall
Minneapolis, MN 55401

2. Identification of the Facility and Defective Components

Monticello Nuclear Generating Plant
Rockwell International BWR Containment Recombiners
Power Cabinet Circuit Breakers (two)
224A ITE Gould Molded Case Circuit Breakers

3. Identification of the Firm Supplying the Defective Components

Rockwell International, Energy Systems Group

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4. Nature of Defect

The two circuit breakers had an internal open connection on one of the phases due to a missing screw which connects the trip device to the disconnect mechanism.

The defects were internal to the circuit breaker and were detected by the NSP Electrical Construction Testing Group as part of their pre-installation testing.

5. Date on Which Information Was Obtained

The Electrical Construction Testing Group filed a discrepancy report describing the defect on November 24, 1984.

A Quality Assurance Nonconformance Report was issued on December 4, 1984 and Technical Review Board action was initiated on the following day.

A preliminary investigation report was issued on February 11, 1985 and submitted to the plant staff for review.

The requirements for reportability of this failure were discussed at length and it was unclear whether or not a Part 21 report was appropriate. The decision was made, however, to interpret the NRC requirements conservatively and submit a report. NSP management was notified of this determination on May 2, 1985.

6. Number of Components and Location

See item (2) above. A total of four circuit breakers were supplied under the same purchase order (M13282).

7. Corrective Action Taken

The equipment deficiencies were corrected prior to installation.

8. Advice Related to Defect Given to Purchasers or Licensees

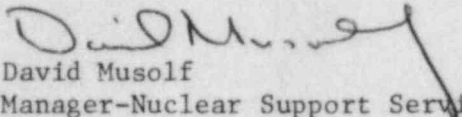
Corrective action report M-34 was issued to Rockwell International on January 10, 1985 requesting Rockwell to identify the cause of the defects, address the possibility of occurrence in other circuit breakers of similar type, and identify actions to be taken to prevent future delivery of defective circuit breakers.

Advice given to other purchasers or licensees by Rockwell is unknown.

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Please contact us if you require additional information related to this report. Three copies of this report are being provided.


David Musolf
Manager-Nuclear Support Services

c: Administrator, Region III, NRC
NRC Resident Inspector
G Charnoff