

NORTHERN STATES POWER COMPANY

MINNEAPOLIS, MINNESOTA 55401

September 20, 1977

Mr Victor Stello, Director
Division of Operating Reactors
c/o Distribution Services Branch, DDC, ADM
U S Nuclear Regulatory Commission
Washington, DC 20555

RECEIVED
28, 1977
U.S. NUCLEAR REGULATORY
COMMISSION
Mail Section

Dear Mr Stello:

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

Status of Field Breaker RPT

In a September 15, 1976 letter to Mr D L Ziemann, Northern States Power Company responded to NRC concerns related to anticipated transients without scram. Pending NRC review, we volunteered to install a recirculation pump trip (RPT), using the field breakers of the recirculation pump motor-generator sets. Mr Mr Karl R Goiler's February 23, 1977 letter approved the proposed RPT installation. We are hereby reporting on the status of this modification.

Procurement of materials commenced shortly after receiving approval of the installation. The equipment specified is a newly developed, improved, state of the art design. (For additional design information see General Electric Topical Report NEDO-21617, "Analog Transmitter/Trip Unit System for Engineered Safeguard Sensor Trip Inputs", April, 1977.) Selection of newly developed equipment resulted in longer than normal delivery times.

At the present time all equipment has been ordered; the longest delivery time item (instrument cabinets including trip units, power supplies and calibration equipment) is scheduled for delivery in June, 1978. Engineering is well underway. Wiring diagrams will be available in November, 1977. The majority of the installation can be done while the plant is operating. Final implementation will require a planned plant outage of one week duration or greater. This is expected sometime after June, 1978 (cabinet delivery) but no later than the Fall, 1978 refueling outage.

In our correspondence we agreed to request the appropriate Technical Specification changes 90 days prior to RPT implementation. The earliest possible date for this

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U.S. NUCLEAR REGULATORY COMMISSION

DOCKET NUMBER
50-263

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*RE OUT 2-23-77 HR &
+HR 9-15-77*

Advising that installation of a recirculation pump trip using field breakers of the recirculation pump motor-generator set will be completed during the fall 1978 refueling outage & advising that appropriate tech specs change will be submitted at that time.....

ENCLOSURE

2p

PLANT NAME: Monticello

9-28-77 ., ehf

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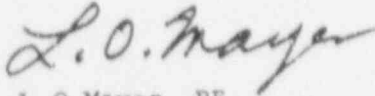
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NORTHERN STATES POWER COMPANY

Mr Victor Stello
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is June, 1978. We therefore plan to submit the necessary Technical Specification changes by March 1, 1978.

Yours very truly,



L O Mayer, PE
Manager of Nuclear Support Services

LOM/MHV/deh

cc: J G Keppler
G Charnoff
MPCA
Attn: J W Ferman