

U. S. ATOMIC ENERGY COMMISSION  
DIRECTORATE OF REGULATORY OPERATIONS

REGION III

Report of Construction Inspection

RD Inspection Report No. 050-263/74-05

Licensee: Northern States Power Company  
414 Nicollet Hall  
Minneapolis, Minnesota 55401

Monticello Nuclear Generating Plant  
Monticello, Minnesota

License No. DPR-22  
Category: C

Type of Licensee: BWR (GE) - 545 Mwe

Type of Inspection: Routine, Announced

Date of Inspection: June 18, 1974

Date of Previous Inspection: May 9, 1974 (Materials)

Principal Inspector: *J. W. Sutton*  
J. W. Sutton

7-19-74  
(Date)

Accompanying Inspector: None

Other Accompanying Personnel: None

Reviewed By: *D. W. Hayes*  
D. W. Hayes, Senior Reactor Inspector  
Construction Projects

7-22-74  
(Date)

## SUMMARY OF FINDINGS

### Enforcement Action

#### A. Violations

No violations of AEC requirements were identified during the inspection.

#### B. Safety Matters

No safety matters were identified.

### Licensee Action on Previously Identified Enforcement Matters

#### A. Implementation of the General Electric Company (GE) Installation and Service Engineering Department (I&SE) QA Manual

#### B. Planned and Periodic QA Audits

#### C. QA Audits Performed Using Checklists and Procedures (RO Inspection Report No. 050-263/74-03)

The corrective action, for the above items outlined in the Northern States Power Company (NSP) letter of June 3, 1974, in response to the RO:III letter and report dated May 16, 1974, was found to have been satisfactorily accomplished and documented. This matter is considered to have been resolved. (Paragraph 1, Report Details)

### Design Changes

Not applicable

### Unusual Occurrences

No unusual occurrences were identified.

#### A. Current Findings

Not applicable.

#### B. Unresolved Items

No new unresolved items were identified.

Northern States Power Company (NSP)

C. Larson, Plant Manager  
J. Swedberg, Project Manager - Site  
C. Harmsen, Supervising Quality Assurance Engineer  
J. Meir, Quality Assurance Engineer - Construction Department

General Electric Company (GE Installation and Service  
Engineering Department (I&SE))

G. H. Scott, Project Manager - Site

B. Matters discussed and comments, on the part of management personnel, were as follows:

1. The inspector stated that he had reviewed the corrective action taken by NSP and GE (I&SE) to correct the violations that were identified during the RO inspection of March 26 - 29, 1974. The inspector added that, with the exception of two areas (rod oven certification records and a final record review of the GE (I&SE) QA files) the violations were satisfactorily corrected.

The licensee stated that prompt attention would be given to resolving the two items as described above. (Paragraph 1, Report Details)

2. With regard to the in-service inspection matter (definition of responsibilities) the inspector stated that the action taken at this time was considered to be acceptable.

## REPORT DETAILS

### Persons Contacted

The following persons, in addition to individuals listed under the Management Interview Section of this report, were contacted during the inspection.

#### Northern States Power Company (NSP)

P. Krumpos, Quality Assurance Engineer - Power Production Department

#### General Electric Company (GE) Installation and Service Engineering Department (I&SE)

W. Lowe, Quality Control Supervisor - Site

### Results of Inspection

#### 1. Safety/Relief Valve Addition

The inspector reviewed the corrective action taken by NSP and GE (I&SE) QA personnel, as stated in the NSP letter of June 3, 1974. The areas reviewed were as follows:

##### a. Nonconforming Weld Rod in Ovens

The nonconforming weld rod was removed from the ovens and so noted by the QC supervisor.

##### b. Nonconforming Reports

The nonconforming reports, No. 11 and No. 12, were reviewed by the inspector and were found to be in order.

##### c. Purchase Order Approvals

The purchase order file was examined and was found to be in order. The purchase orders were found to have been stamped and approved by authorized personnel. In addition, GE (I&SE) has issued a revision to Section 9.2.3 that will allow the site QC supervisor to approve the purchase orders.

##### d. Procurement Control - Material Receiving

The inspector reviewed the new GE (I&SE) document control procedure, No. NSPDCL - Revision O, approved on April 11, 1974. The procedure was issued to prevent recurrence of the problem identified during the previous inspection (See RO Inspection Report No. 050-263/74-03). The inspector found that the retrieval

and filing systems, as outlined in the procedure, were operational and were acceptable.

e. Audits - NSP - Bechtel

The inspector reviewed a report of a NSP audit conducted at Bechtel's headquarters on April 8 and 9, 1974. The audit appeared to be comprehensive and conducted in a satisfactory manner. Management personnel of NSP and Bechtel were notified of the results of the audit. Corrective action was initiated and completed.

f. Audits (GE - I&SE)

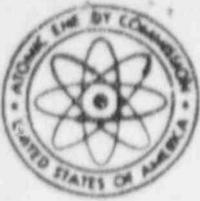
The inspector reviewed reports of site audits conducted by the GE (I&SE) QA specialist. The audits were conducted using a checklist and results were found to have been distributed to designated personnel as required by the GE (I&SE) QA manual.

2. Site Audits

The inspector reviewed reports of four site audits that were conducted by NSP QA personnel during the course of the safety valve addition. The audits covered both the mechanical and electrical work being performed. The audits were considered to be acceptable and the results were distributed to designated management personnel.

3. QA Records - General

The inspector found that the GE (I&SE) QA records had been completely reorganized and tabulated. Retrieval was found to be acceptable. A final audit prior to record turnover is to be conducted. This matter will be reviewed during a subsequent inspection.



UNITED STATES  
ATOMIC ENERGY COMMISSION  
DIRECTORATE OF REGULATORY OPERATIONS  
REGION III  
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(312) 858-2660

A. RO Inspection Report No. 050-263/74-05

Transmittal Date : July 23, 1974

Distribution:  
RO Chief, FS&EB  
RO:HQ (5)  
DR Central Files  
Regulatory Standards (3)  
Licensing (13)  
RO Files

Distribution:  
RO Chief, FS&EB  
RO:HQ (4)  
L:D/D for Fuels & Materials  
DR Central Files  
RO Files

B. RO Inquiry Report No. \_\_\_\_\_

Transmittal Date : \_\_\_\_\_

Distribution:  
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RO:HQ (5)  
DR Central Files  
Regulatory Standards (3)  
Licensing (13)  
RO Files

Distribution:  
RO Chief, FS&EB  
RO:HQ  
DR Central Files  
RO Files

C. Incident Notification From: \_\_\_\_\_  
(Licensee & Docket No. (or License No.))

Transmittal Date : \_\_\_\_\_

Distribution:  
RO Chief, FS&EB  
RO:HQ (4)  
Licensing (4)  
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RO Chief, FS&EB  
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