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 MAYEN, L.O. Northern States Power Co.
 RECIP. NAME RECIPIENT AFFILIATION
 Office of Nuclear Reactor Regulation

SUBJECT: Forwards Revision 4 of "ASME Code Section XI Inservice Insp
 & Testing Program & Infor Required for NRC Review of
 Requests for Relief from ASME Section XI Requirements."

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NORTHERN STATES POWER COMPANY

MINNEAPOLIS, MINNESOTA 55401

REGULATORY DOCKET FILE COPY

July 27, 1979

Director of Nuclear Reactor Regulation
U S Nuclear Regulatory Commission
Washington, DC 20555

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

Information Required for NRC Review of Inservice
Inspection and Testing Program and Requests for Relief from
ASME Code Section XI Requirements

Attached you will find 40 copies of Revision Number 4 to our report entitled, "ASME Code Section XI Inservice Inspection and Testing Program and Information Required for NRC Review of Requests for Relief from ASME Code Section XI Requirements." This is a revision of our inservice inspection and testing program description and requests for relief originally submitted on March 15, 1978. Instructions are provided for entering Revision Number 4 in copies of the original report.

The purpose of this revision is to:

- a) Correct minor errors on three tables in the valve testing section and one classification drawing
- b) Extend the existing pump and valve program for the next 20-month test period. No changes in the program are being proposed.

Please contact us if you have any questions related to Revision Number 4 to our Program.

L. O. Mayer

L O Mayer, PE
Manager of Nuclear Support Services

LOM/DMM/ak

cc: J G Keppler
G Charnoff

Attachment

7908030482

A001
S.11

July 27, 1979

Revision No. 4 to Monticello ASME Code Section XI Inservice Inspection and Testing Program and Information Required for NRC Review of Requests for Relief from ASME Code Section XI Requirements, dated July 27, 1979

Remove the Following
Pages from the Manual

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Insert the Following
Revision No. 4 Pages

Title Page
iii
3-1
3-8
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Use the "Record of Revisions," page iii to verify your copy of the program manual is complete and up-to-date following entry of this revision.

NORTHERN STATES POWER COMPANY
MONTICELLO NUCLEAR GENERATING PLANT
DOCKET NO. 50-263 LICENSE NO. DPR-22

*Supervised
pages per Revision
#4 Recd ltr
dtd 7-27-79.*

*updated 8-15-79
ccp*

ASME CODE SECTION XI INSERVICE INSPECTION AND TESTING PROGRAM

AND

INFORMATION REQUIRED FOR NRC REVIEW OF REQUESTS
FOR RELIEF FROM ASME CODE SECTION XI REQUIREMENTS

SUBMITTED: March 15, 1978

REVISED: Revision 1
August 28, 1978

Revision 2
January 5, 1979

Revision 3
February 26, 1979

RECORD OF REVISIONS

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SECTION 3 INSERVICE TESTING OF PUMPS AND VALVES

A. Applicable ASME Code Edition and Addenda: 1974 Edition
through and including Summer 1975 Addenda

B. Program Period: February 28, 1978 to October 28, 1979

Key for 3.C Pump Testing Table

M = Monthly
NR = Not required (constant speed drive or fixed resistance system)
NA = Not applicable (sealed bearings)
RR = See request for relief

Key for 3.D Valve Testing Table

Q = Quarterly
NR = Not Required

RR = See request for relief

CSIQ = Cold Shutdown, not more often than quarterly.

IWV-3510 = In accordance with the requirements of
paragraph IWV-3510.

IWV-3610 = In accordance with the requirements of
paragraph IWV-3610.

System	Valve Number	FSAR Valve No.	Description	Applicable ASME Code Class	Valve Category	Test Frequency	Test	Request For Relief
RHR	RHR-6-1	81A	RHR Loop Block	1	E	NR	Valve Lineup	
RHR	RHR-6-2	81B	RHR Loop Block	1	E	NR	Valve Lineup	
RHR	RHR-1-1	152A	RHR Pump Suction Block	2	E	NR	Valve Lineup	
RHR	RHR-1-2	152B	RHR Pump Suction Block	2	E	NR	Valve Lineup	
RHR	RHR-1-3	152C	RHR Pump Suction Block	2	E	NR	Valve Lineup	
RHR	RHR-1-4	152D	RHR Pump Suction Block	2	E	NR	Valve Lineup	
RHR	RHR-3-1	47A	RHR Pump Disch Block	2	E	NR	Valve Lineup	
RHR	RHR-3-2	47B	RHR Pump Disch Block	2	E	NR	Valve Lineup	
RHR	RHR-3-3	47C	RHR Pump Disch Block	2	E	NR	Valve Lineup	
RHR	RHR-3-4	47D	RHR Pump Disch Block	2	E	NR	Valve Lineup	
RHR	RHR-18-1	30A	CST to RHR Block	2	E	NR	Valve Lineup	
RHR	RHR-18-2	30B	CST to RHR Block	2	E	NR	Valve Lineup	
Core Spray	AO-14-13A	AO-13A	Loop Inj. Check	1	A, C	RR	RR	
Core Spray	AO-14-13B	AO-13B	Loop Inj. Check	1	A, C	RR	RR	
Core Spray	MO-1753	MO-12A	Core Spray Injection	1	A	Q	Full Stroke-Time	28
Core Spray	MO-1754	MO-12B	Core Spray Injection	1	A	Q	Full Stroke-Time	28
Core Spray	MO-1751	MO-11A	Core Spray Injection	2	B	Q	Full Stroke-Time	28
Core Spray	MO-1752	MO-11B	Core Spray Injection	2	B	Q	Full Stroke-Time	28

System	Valve Number	FSAR Valve No.	Description	Applicable ASME Code Class	Valve Category	Test Frequency	Test	Request For Relief
HPCI	MO-2068	MO-19	Pump Discharge Isol	2	B	Q	Full Stroke-Time	28
HPCI	AO-23-18	AO-18	Clg Wtr Disch Check	2	C	RR	RR	
HPCI	MO-2071	MO-21	Test return to CST	2	B	Q	Full Stroke-Time	28
HPCI	MO-2067	MO-20	Coolant Pump Disch.	2	B	Q	Full Stroke-Time	28
HPCI	CV-2065	41	Min Flow Bypass	2	B	Q	Full Stroke-Time	28
HPCI	HPCI-42	62	Min Flow Bypass Check	2	C	RR	RR	7
HPCI	RV-2064	34	Relief Valve	2	C	IWV-3510	Setpoint	
HPCI	HPCI-32	32	CST Suction Check	2	C	Q	Exercise	
HPCI	MO-2063	MO-17	CST Suction	2	B	Q	Full Stroke-Time	28
HPCI	MO-2062	MO-57	Torus Suction	2	B	Q	Full Stroke-Time	28
HPCI	HPCI-31	61	Torus Suction Check	2	C	RR	RR	7
HPCI	MO-2061	MO-58	Torus Suction	2	B	Q	Full Stroke-Time	28
HPCI	HPCI-33	33	Pump Suction Block	2	E	NR	Valve Lineup	
HPCI	MO-2034	MO-15	Steam Supply Isolation	1	A	Q	Full Stroke-Time	28
HPCI	MO-2035	MO-16	Steam Outboard Isolation	1	A	Q	Full Stroke-Time	28
HPCI	MO-2036	MO-14	Turbine Steam Supply	2	B	Q	Full Stroke-Time	28
HPCI	HO-7	HO	Turbine Stop Valve	2	B	Q	Full Stroke	10
HPCI	HO-8	HO	Turbine Control Valve	2	B	Q	Full Stroke-Time	28

System	Valve Number	FSAR Valve No.	Description	Applicable ASME Code Class	Valve Category	Test Frequency	Test	Request For Relief
RCIC	MO-2075	MO-2075	Steam Supply Isolation	1	A	Q	Full Stroke-Time	28
RCIC	MO-2076	MO-2076	Steam Supply Isolation	1	A	Q	Full Stroke-Time	28
RCIC	MO-2078	MO-2078	Steam Supply to Turbine	2	B	Q	Full Stroke-Time	28
RCIC	RCIC-7	None	Throttle Trip Valve	2	B	Q	Full Stroke	10
RCIC	HO	None	RCIC Governing	2	B	RR	RR	
RCIC	PCV-2092	PCV-2092	Condenser Press Cont	2	B	RR	RR	
RCIC	RCIC-16	None	Vac Pump Disch Check	2	A, C	RR	RR	7
RCIC	MO-2100	MO-2100	Inboard Torus Suction	2	B	Q	Full Stroke-Time	28
RCIC	RCIC-31	None	Check Valve to Torus	2	C	RR	RR	7
RCIC	MO-2101	MO-2101	Outboard Torus Suction	2	B	Q	Full Stroke-Time	28
RCIC	RCIC-41	None	Check Valve to CST	2	C	Q	Exercise	
RCIC	MO-2102	MO-2102	CST Suction	2	B	Q	Full Stroke-Time	28
RCIC	RV-2103	RV-2103	RCIC Suction Line Relief Valve	2	C	IWV-3510	Setpoint	
RCIC	CV-2104	CV-2104	Min Flow Bypass	2	B	Q	Full Stroke-Time	28
RCIC	RCIC-37	None	Min Flow Bypass Check	2	C	RR	RR	7
RCIC	MO-2106	MO-2106	Pump Discharge	2	B	Q	Full Stroke-Time	28
RCIC	MO-2107	MO-2107	Pump Discharge	2	B	Q	Full Stroke-Time	28
RCIC	AO-13-22	AO-13-22	Pump Disch Check	2	C	RR	RR	

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2/26/79

Revision 3

System	Valve Number	FSAR Valve No.	Description	Applicable ASME Code Class	Valve Category	Test Frequency	Test	Request For Relief
RHR SW	RHR-SW-1-3	RHR-SW 1-3	RHR SW Pump Disch Ch	3	C	Q	Exercise	
RHR SW	RHR-SW 1-4	RHR-SW 1-4	RHR SW Pump Disch Ch	3	C	Q	Exercise	
RHR SW	RV-3038	RV-3038	Pump Motor Cooling Line RV	3	C	IWV-3510	Setpoint	
RHR SW	RV-3039	RV-3039	Pump Motor Cooling Line RV	3	C	IWV-3510	Setpoint	
RHR SW	PCV-3004	PCV-3004	Pump Motor Cooling Line PCV	3	B	RR	RR	
RHR SW	PCV-3005	PCV-3005	Pump Motor Cooling Line PCV	3	B	RR	RR	
RHR SW	AV-3147	AV-3147	Pump Disch Air Vent	3	C	Q	Exercise	
RHR SW	AV-3148	AV-3148	Pump Disch Air Vent	3	C	Q	Exercise	
RHR SW	AV-3149	AV-3149	Pump Disch Air Vent	3	C	Q	Exercise	
RHR SW	AV-3150	AV-3150	Pump Disch Air Vent	3	C	Q	Exercise	
RHR SW	SW-21-1	None	Motor Cooling Line Check	3	C	RR	RR	7
RHR SW	SW-21-2	None	Motor Cooling Line Check	3	C	RR	RR	7
RHR SW	RV-3202	None	RHR HX RV	3	C	IWV-3510	Setpoint	
RHR SW	RV-3203	None	RHR HX RV	3	C	IWV-3510	Setpoint	
Emerg Serv Wtr	ESW-4-1	None	S.W. Check Valve	3	C	RR	RR	7
Emerg Serv Wtr	ESW-4-2	None	S.W. Check Valve	3	C	RR	RR	7
Emerg Serv Wtr	SW-101	None	E.S.W. Check Valve	3	C	RR	RR	7
Emerg Serv Wtr	SW-102	None	E.S.W. Check Valve	3	C	RR	RR	7

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Revision 2
1/5/79