

**AEC DISTRIBUTION FOR PART 50 DOCKET MATERIAL  
(TEMPORARY FORM)**

1010

CONTROL NO: \_\_\_\_\_

FILE: \_\_\_\_\_

<b>FROM:</b> Northern States Power Company Minneapolis, Minn. 55401 Mr. L.O. Mayer		<b>DATE OF DOC</b> 1-30-74	<b>DATE REC'D</b> 2-5-74	<b>LTR</b> X	<b>MEMO</b>	<b>RPT</b>	<b>OTHER</b>
<b>TO:</b> D. Ziemann		<b>ORIG</b> 1	<b>CC</b>	<b>OTHER</b>	<b>SENT AEC PDR</b> XXX <b>SENT LOCAL PDR</b> XXX		
<b>CLASS</b>	<b>UNCLASS</b> XXX	<b>PROP INFO</b>	<b>INPUT</b>	<b>NO CYS REC'D</b> 40	<b>DOCKET NO:</b> 50-263		

**DESCRIPTION:**  
Ltr re our 12-19-73 ltr...submitting info concern relief valve operations at the Monticello facility...trans the following...  
Dist Per: Riesland

**ENCLOSURES:**  
Relief Valve Operating Data - Summary of Operations.

**ACKNOWLEDGED**

(40 cys encl rec'd)

**PLANT NAME:** Monticello

**DO NOT REMOVE**

**FOR ACTION/INFORMATION 2-6-74 JB**

BUTLER(L) W/ Copies	SCHWENCER(L) W/ Copies	✓ ZIEMANN(L) W/ 9 Copies	REGAN(E) W/ Copies
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KNIEL(L) W/ Copies	SCHEMEL(L) W/ Copies	YOUNGBLOOD(E) W/ Copies	W/ Copies

**INTERNAL DISTRIBUTION**

✓ <u>REG FILE</u> ✓ AEC PDR OGC, ROOM P-506A ✓ MUNIZING/STAFF CASE GIAMBUSSO BOYD MOORE (L)(BWR) DEYOUNG(L)(PWR) SKOVHOLT (L) P. COLLINS DENISE ✓ REG OPR FILE & REGION(2) ✓ MORRIS(2) ✓ STEELE	<u>TECH REVIEW</u> HENDRIE SCHROEDER MACCARY KNIGHT PAWLICKI SHAO STELLO HOUSTON NOVAK ROSS IPPOLITO TEDESCO LONG LAINAS BENAROYA VOLIMER	DENTON GRIMES GAMMILL KASTNER BALLARD SPANGLER <u>ENVIRO</u> MULLER DICKER KNIGHTON YOUNGBLOOD REGAN PROJECT LDR HARLESS	<u>LIC ASST</u> ✓ DIGGS (L) GEARIN (L) GOULBOURNE (L) LEE (L) MAIGRET (L) SERVICE (L) SHEPPARD (E) SMITH (L) TEETS (L) WADE (E) WILLIAMS (E) WILSON (L) S. REED (L)	<u>A/T IND</u> BRAITMAN SALTZMAN B. HURT <u>PLANS</u> MCDONALD DUBE w/Input <u>INFO</u> C. MILES B. KING ✓ Riesland
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**EXTERNAL DISTRIBUTION**

✓ 1 - LOCAL PDR Minneapolis, Minn.	(1)(2)(10)-NATIONAL LAB'S	1-PDR-SAN/LA/NY
✓ 1 - DTIE(ABERNATHY)	1-ASLBP(E/W Bldg, Rm 529)	1-GERALD LELLOUCHE
✓ 1 - NSIC(BUCHANAN)	1-W. PENNINGTON, Rm E-201 GT	BROOKHAVEN NAT. LAB
1 - ASLB(YORE/SAYRE/ WOODARD/"H" ST.	1-CONSULTANT'S	1-AGMED(Ruth Gussman)
✓ 16 - CYS ACRS <del>XXXXXX</del> Sent to Diggs 2-6-74	NEWMARK/BLUME/AGBABIAN	RM-B-127, GT.
	1-GERALD ULRIKSON...ORNL	✓ 1-RD..MULLER..F-309 GT

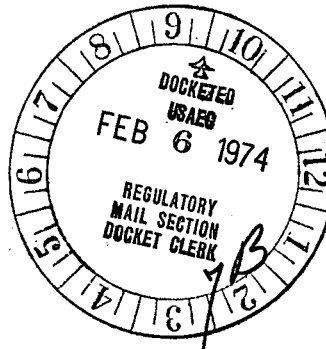
**NSP**

N O R T H E R N   S T A T E S   P O W E R   C O M P A N Y

MINNEAPOLIS, MINNESOTA 55401

January 30, 1974

Mr. Dennis Ziemann  
Chief  
Operating Reactors Branch #2  
Directorate of Licensing  
Office of Regulation  
U S Atomic Energy Commission  
Washington, DC 20545



Dear Mr. Ziemann:

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

The attached information is submitted in response to Item 1 of your request of December 19, 1973, which asked for specific information regarding relief valve operations. It was asked that your information be submitted 30-days from the date of your letter. Since this letter was not received until December 31, 1973, arrangements were made by NSP through the AEC to have this information available within 30-days of the receipt of your letter.

Item 2 of your letter requested that within 60-days of receipt, that we submit to the AEC proposed Technical Specifications for limiting conditions of operation and surveillance requirements of the torus structure. We wish to remind you, that we have pending before the Commission, a proposed change to the Technical Specifications (L O Mayer to A Giambusso, "Supplement 1 to Change Request 3," Item 3, dated September 22, 1972) which augmented the scope of the refueling outage torus inspection. In addition, external torus inspection subsequent to each relief valve operation, was instituted on a procedural basis following the re-balancing of the torus ring header. This inspection will be conducted until sufficient confidence is established in the torus capability to withstand the dynamic interactions with relief valve discharge. We believe that these measures are adequate to ensure torus integrity during operation and that no additional Technical Specification submittals are necessary.

Yours very truly,,

L O Mayer, PE  
Director of Nuclear Support Services

LOM/DWJ/lh

1010

cc: J G Keppler  
G Charnoff  
Minnesota Pollution Control Agency  
Attn. E A Pryzina

Summary of Operations

	A	B	C	D
No. Automatically	7	6	14	4
No. Manually	13	7	7	26
Total No. Of Operations	20	13	21	30

December 10, 1970 - June 30, 1971RV 2-71A

<u>Date</u>	<u>How Initiated</u>	<u>No. of Operations</u>
2/22/71	Manually During Operability Test	1
4/17/71	Manually During Operability Test	1
4/21/71	Manually During Startup Testing	1
4/22/71	Auto During Startup Testing	2
4/22/71	Manually During Startup Testing	1
5/20/71	Auto During Startup Testing	1
		<hr/>
		7 - TOTAL

RV 2-71B

2/22/71	Manually During Operability Test	1
4/17/71	Manually During Operability Test	1
4/21/71	Manually During Startup Testing	1
5/20/71	Auto During Startup Testing	1
		<hr/>
		4 - TOTAL

RV 2-71C

2/22/71	Manually During Operability Test	1
4/17/71	Manually During Operability Test	1
4/21/71	Manually During Startup Testing	1
5/20/71	Auto During Startup Testing	1
		<hr/>
		4 - TOTAL

RV 2-71D

2/22/71	Manually During Operability Test	1
4/17/71	Manually During Operability Test	1
4/21/71	Manually During Startup Testing	2
4/22/71	Manually During Startup Testing	1
5/20/71	Auto During Startup Testing	1
		<hr/>
		6 - TOTAL

July 1, 1971 - December 31, 1971

<u>Date</u>	<u>How Initiated</u>	<u>RV 2-71A</u>	<u>No. of Operations</u>
7/5/71	Auto During Startup Testing		1
7/14/71	Auto Following a Scram During Normal Operation		1
8/9/71	Manually Following a Scram During Normal Operation		1
10/7/71	Manually During Operability Test		2

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5 - TOTALRV 2-71B

7/5/71	Auto During Startup Testing	1
7/14/71	Auto Following a Scram During Normal Operation	1
10/7/71	Manually During Operability Test	1

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3 - TOTALRV 2-71C

7/5/71	Auto During Startup Testing	1
7/14/71	Auto Following a Scram During Normal Operation	9
10/7/71	Manually During Operability Test	1

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11 - TOTALRV 2-71D

7/5/71	Auto During Startup Testing	1
7/14/71	Auto Following a Scram During Normal Operation	1
8/20/71	Manually Following a Scram During Normal Operation	1
9/28/71	Manually Following a Scram During Normal Operation	3
10/7/71	Manually During Operability Test	1

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7 - TOTALJanuary 1, 1972 - June 30, 1972RV 2-71A

1/29/72	Manually During Operability Test	2
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2 - TOTALRV 2-71B

1/29/72	Manually During Operability Test	1
5/23/72	Auto Following a Scram During Normal Operation	1

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2 - TOTAL

January 1, 1972 - June 30, 1972 (Cont'd.)

<u>Date</u>	<u>How Initiated</u>	<u>No. of Operations</u>
<u>RV 2-71C</u>		
1/29/72	Manually During Operability Test	1
		<hr/> 1 - TOTAL
<u>RV 2-71D</u>		
1/29/72	Manually During Operability Test	1
4/21/72	Manually Following a Scram During Normal Operation	7
		<hr/> 8 - TOTAL

July 1, 1972 - December 31, 1972

<u>RV 2-71A</u>		
7/10/72	Auto Following a Scram During Normal Operation	1
7/10/72	Manually Following a Scram During Normal Operation	1
7/21/72	Auto Following a Scram During Normal Operation	1
		<hr/> 3 - TOTAL
<u>RV 2-71B</u>		
7/10/72	Auto Following a Scram During Normal Operation	1
7/21/72	Auto Following a Scram During Normal Operation	1
		<hr/> 2 - TOTAL
<u>RV 2-71C</u>		
7/10/72	Auto Following a Scram During Normal Operation	1
7/21/72	Auto Following a Scram During Normal Operation	1
		<hr/> 2 - TOTAL

RV 2-71D

No Operations During This Six Month Period.

January 1, 1973 - June 30, 1973

<u>RV 2-71A</u>		
5/16/73	Manually During Operability Test	1
		<hr/> 1 - TOTAL

January 1, 1973 - June 30, 1973 (Cont'd.)

<u>Date</u>	<u>How Initiated</u>	<u>No. of Operations</u>
	<u>RV 2-71B</u>	
5/16/73	Manually During Operability Test	1
		<hr/> 1 - TOTAL
	<u>RV 2-71C</u>	
5/16/73	Manually During Operability Test	1
		<hr/> 1 - TOTAL
	<u>RV 2-71D</u>	
5/16/73	Manually During Operability Test	1
		<hr/> 1 - TOTAL

July 1, 1973 - December 31, 1973

	<u>RV 2-71A</u>	
10/5/73	Manually During Operability Test	2
		<hr/> 2 - TOTAL
	<u>RV 2-71B</u>	
10/5/73	Manually During Operability Test	1
		<hr/> 1 - TOTAL
	<u>RV 2-71C</u>	
10/5/73	Manually During Operability Test	1
11/6/73	Auto Following a Scram During Normal Operation	1
		<hr/> 2 - TOTAL
	<u>RV 2-71D</u>	
10/5/73	Manually During Operability Test	2
11/6/73	Auto Following a Scram During Normal Operation	1
11/6/73	Manually Following a Scram During Normal Operation	5
		<hr/> 8 - TOTAL