

REGULATORY INFORMATION DISTRIBUTION SYSTEM (RIDS)

ACCESSION NBR: 7812270246 DOC. DATE: 78/12/21 NOTARIZED: NO
 FACIL: 50-263 MONTICELLO #1, NORTHERN STATES POWER CO.
 AUTH. NAME: MAYER, L.O. AUTHOR AFFILIATION: NORTHERN STATES POWER
 RECIP. NAME: KEPPLER, J.G. RECIPIENT AFFILIATION: **REG. 3, CHICAGO, OFF. OF THE DIRECTOR

DOCKET #
05000263

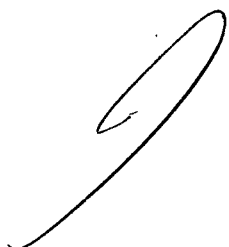
SUBJECT: Forwards LER# 8-027/03L-0.

DISTRIBUTION CODE: A002S COPIES RECEIVED: LTR 1 ENCL 1 SIZE: 1/1
 TITLE: INCIDENT REPORTS

NOTES:

ACTION:	RECIPIENT	COPIES		RECIPIENT	COPIES	
	ID CODE/NAME	LTR	ENCL	ID CODE/NAME	LTR	ENCL
	05 BC <u>ORB #3</u>	4	4			
INTERNAL:	01 <u>REG FILE</u>	1	1	02 NRC PDR	1	1
	09 T&E	2	2	11 MPA	3	3
	14 HANAUER	1	1	15 NOVAK/KNIEL	1	1
	16 EEB	1	1	17 AD FOR ENGR	1	1
	18 PLANT SYS BR	1	1	19 I&C SYS BR	1	1
	20 AD PLANT SYS	1	1	21 AD SYS/PROJ	1	1
	22 REAC SAFT BR	1	1	23 ENGR BR	1	1
	24 COLLINS	0	0	24 KREGER	1	1
	25 PWR SYS BR	1	1	26 HOUSTON	0	0
	26 VOLLMER	1	1	E JORDAN/IE	1	1
EXTERNAL:	03 LPDR	1	1	04 NSIC	1	1
	27 ACRS	16	16			

DEC 29 1978



A0/I-4

TOTAL NUMBER OF COPIES REQUIRED: LTR 43 ENCL 43

REGULATORY INFORMATION DISTRIBUTION SYSTEM (RIDS)

ACCESSION NBR:7812270251 DOC.DATE: 78/12/21 NOTARIZED: NO
 FACIL:50-263 MONTICELLO #1, NORTHERN STATES POWER CO.
 AUTH.NAME AUTHOR AFFILIATION
 TILLY,D.D. NORTHERN STATES POWER
 RECIP.NAME RECIPIENT AFFILIATION

DOCKET #
 05000263

SUBJECT: LER#78-027/03L-0 on 781121:during normal oper a steam leak
 was found in tee downstream of MO-1197 on the 2" HP Turbine
 "U" bend drain line to condenser,probably due to flow of
 steam & water from restricting orifice into tee.

DISTRIBUTION CODE: A002S .COPIES RECEIVED:LTR __ ENCL __ SIZE: _____
 TITLE: INCIDENT REPORTS

NOTES: _____

ACTION:	RECIPIENT	COPIES		RECIPIENT	COPIES	
	ID CODE/NAME	LTR	ENCL		ID CODE/NAME	LTR
	05 BC	4	4			
INTERNAL:	01 REG FILE	1	1	02 NRC PDR	1	1
	09 I&E	2	2	11 MPA	3	3
	14 HANAUER	1	1	15 NOVAK/KNIEL	1	1
	16 EEB	1	1	17 AD FOR ENGR	1	1
	18 PLANT SYS BR	1	1	19 I&C SYS BR	1	1
	20 AD PLANT SYS	1	1	21 AD SYS/PROJ	1	1
	22 REAC SAFT BR	1	1	23 ENGR BR	1	1
	24 COLLINS	0	0	24 KREGER	1	1
	25 PWR SYS BR	1	1	26 HOUSTON	0	0
	26 VOLLMER	1	1	E JORDAN/IE	1	1
EXTERNAL:	03 LPDR	1	1	04 NSIC	1	1
	27 ACRS	16	16			

TOTAL NUMBER OF COPIES REQUIRED: LTR 43 ENCL 43

REGULATORY INFORMATION
NSP

NORTHERN STATES POWER COMPANY

MINNEAPOLIS, MINNESOTA 55401

December 21, 1978

Mr J G Keppler
Office of Inspection & Enforcement
U S Nuclear Regulatory Commission
799 Roosevelt Road
Glen Ellyn, IL 60137

Dear Mr Keppler:

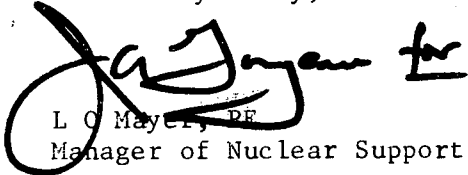
MONTIGELLO NUCLEAR GENERATING PLANT
Docket No. 50-263 License No. DPR-22

Leak in HP Turbine U-Bend Drain

The Licensee Event Report for this occurrence is reproduced on the back of this letter. Enclosed are three copies.

This event is reported in compliance with Technical Specification 6.7.B.2(d) since it represents abnormal degradation of a main steam system component.

Yours very truly,


L O Mayer, PE
Manager of Nuclear Support Services

LOM/JAG/deh

cc: Director, IE, USNRC (30)
Director, MIPC, USNRC (3)
MPCA
Attn: J W Ferman

-over-

7812270 246

A002
S
1/1

LICENSEE EVENT REPORT

CONTROL BLOCK: _____ (1) (PLEASE PRINT OR TYPE ALL REQUIRED INFORMATION)

0 1 | M | N | M | N | P | 1 | 2 | 0 | 0 | - | 0 | 0 | 0 | 0 | 0 | 0 | - | 0 | 0 | 3 | 4 | 1 | 1 | 1 | 1 | 4 | _____ | E
 7 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 | 33 | 34 | 35 | 36 | 37 | 38 | 39 | 40 | 41 | 42 | 43 | 44 | 45 | 46 | 47 | 48 | 49 | 50 | 51 | 52 | 53 | 54 | 55 | 56 | 57 | 58 | 59 | 60 | 61 | 62 | 63 | 64 | 65 | 66 | 67 | 68 | 69 | 70 | 71 | 72 | 73 | 74 | 75 | 76 | 77 | 78 | 79 | 80

CON'T
 0 1 | REPORT SOURCE | L | 6 | 0 | 5 | 0 | 0 | 0 | 2 | 6 | 3 | 7 | 1 | 1 | 2 | 1 | 7 | 8 | 8 | 1 | 2 | 2 | 1 | 7 | 8 | 9
 7 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 | 33 | 34 | 35 | 36 | 37 | 38 | 39 | 40 | 41 | 42 | 43 | 44 | 45 | 46 | 47 | 48 | 49 | 50 | 51 | 52 | 53 | 54 | 55 | 56 | 57 | 58 | 59 | 60 | 61 | 62 | 63 | 64 | 65 | 66 | 67 | 68 | 69 | 70 | 71 | 72 | 73 | 74 | 75 | 76 | 77 | 78 | 79 | 80

EVENT DESCRIPTION AND PROBABLE CONSEQUENCES (10)

0 2 | During normal operation a steam leak was discovered in a tee downstream of MO 1197
 0 3 | on the two inch HP Turbine "U" Bend Drain Line to the condenser. This constituted
 0 4 | degradation of a system designed to carry radioactive material resulting from
 0 5 | the fission process. (TS.6.7.B.2.d). Six previous similar occurrences in other
 0 6 | lines (M-RO-76-1, 16, 24; M-RO-77-19; and M-RO-78-07, 13). No affect on public
 0 7 | health or safety.
 0 8 | _____

0 9 | SYSTEM CODE | H | B | 11 | CAUSE CODE | E | 12 | CAUSE SUBCODE | X | 13 | COMPONENT CODE | P | E | P | E | X | X | 14 | COMP. SUBCODE | A | 15 | VALVE SUBCODE | Z | 16 |
 7 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 | 33 | 34 | 35 | 36 | 37 | 38 | 39 | 40 | 41 | 42 | 43 | 44 | 45 | 46 | 47 | 48 | 49 | 50 | 51 | 52 | 53 | 54 | 55 | 56 | 57 | 58 | 59 | 60 | 61 | 62 | 63 | 64 | 65 | 66 | 67 | 68 | 69 | 70 | 71 | 72 | 73 | 74 | 75 | 76 | 77 | 78 | 79 | 80

17 | LER/RO REPORT NUMBER | 7 | 8 | 19 | EVENT YEAR | 7 | 8 | 20 | EFFECT ON PLANT | Z | 21 | SHUTDOWN METHOD | Z | 22 | HOURS | 0 | 0 | 0 | 0 | 23 | ATTACHMENT SUBMITTED | N | 24 | NPRD-4 FORM SUB. | Y | 25 | PRIME COMP. SUPPLIER | A | 26 | COMPONENT MANUFACTURER | L | 0 | 2 | 5 | 27 |
 7 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 | 33 | 34 | 35 | 36 | 37 | 38 | 39 | 40 | 41 | 42 | 43 | 44 | 45 | 46 | 47 | 48 | 49 | 50 | 51 | 52 | 53 | 54 | 55 | 56 | 57 | 58 | 59 | 60 | 61 | 62 | 63 | 64 | 65 | 66 | 67 | 68 | 69 | 70 | 71 | 72 | 73 | 74 | 75 | 76 | 77 | 78 | 79 | 80

CAUSE DESCRIPTION AND CORRECTIVE ACTIONS (27)

1 0 | Leak is believed to be due to erosion caused by flow of steam and water from
 1 1 | restricting orifice into tee. Temporary clamp type repair made. Leaking tee and
 1 2 | associated piping will be inspected and replaced as required prior to the end of
 1 3 | the next refueling outage.
 1 4 | _____

1 5 | FACILITY STATUS | E | 28 | % POWER | 0 | 8 | 5 | 29 | OTHER STATUS | NA | 30 | METHOD OF DISCOVERY | B | 31 | NA | 32 | DISCOVERY DESCRIPTION | _____ | 33 |
 7 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 | 33 | 34 | 35 | 36 | 37 | 38 | 39 | 40 | 41 | 42 | 43 | 44 | 45 | 46 | 47 | 48 | 49 | 50 | 51 | 52 | 53 | 54 | 55 | 56 | 57 | 58 | 59 | 60 | 61 | 62 | 63 | 64 | 65 | 66 | 67 | 68 | 69 | 70 | 71 | 72 | 73 | 74 | 75 | 76 | 77 | 78 | 79 | 80

1 6 | ACTIVITY CONTENT RELEASED | Z | 33 | Z | 34 | NA | 35 | AMOUNT OF ACTIVITY | NA | 36 | LOCATION OF RELEASE | _____ | 37 |
 7 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 | 33 | 34 | 35 | 36 | 37 | 38 | 39 | 40 | 41 | 42 | 43 | 44 | 45 | 46 | 47 | 48 | 49 | 50 | 51 | 52 | 53 | 54 | 55 | 56 | 57 | 58 | 59 | 60 | 61 | 62 | 63 | 64 | 65 | 66 | 67 | 68 | 69 | 70 | 71 | 72 | 73 | 74 | 75 | 76 | 77 | 78 | 79 | 80

1 7 | PERSONNEL EXPOSURES NUMBER | 0 | 0 | 0 | 37 | Z | 38 | NA | 39 | DESCRIPTION | _____ | 40 |
 7 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 | 33 | 34 | 35 | 36 | 37 | 38 | 39 | 40 | 41 | 42 | 43 | 44 | 45 | 46 | 47 | 48 | 49 | 50 | 51 | 52 | 53 | 54 | 55 | 56 | 57 | 58 | 59 | 60 | 61 | 62 | 63 | 64 | 65 | 66 | 67 | 68 | 69 | 70 | 71 | 72 | 73 | 74 | 75 | 76 | 77 | 78 | 79 | 80

1 8 | PERSONNEL INJURIES NUMBER | 0 | 0 | 0 | 40 | NA | 41 | DESCRIPTION | _____ | 42 |
 7 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 | 33 | 34 | 35 | 36 | 37 | 38 | 39 | 40 | 41 | 42 | 43 | 44 | 45 | 46 | 47 | 48 | 49 | 50 | 51 | 52 | 53 | 54 | 55 | 56 | 57 | 58 | 59 | 60 | 61 | 62 | 63 | 64 | 65 | 66 | 67 | 68 | 69 | 70 | 71 | 72 | 73 | 74 | 75 | 76 | 77 | 78 | 79 | 80

1 9 | LOSS OF OR DAMAGE TO FACILITY TYPE | Z | 42 | NA | 43 | DESCRIPTION | _____ | 44 |
 7 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 | 33 | 34 | 35 | 36 | 37 | 38 | 39 | 40 | 41 | 42 | 43 | 44 | 45 | 46 | 47 | 48 | 49 | 50 | 51 | 52 | 53 | 54 | 55 | 56 | 57 | 58 | 59 | 60 | 61 | 62 | 63 | 64 | 65 | 66 | 67 | 68 | 69 | 70 | 71 | 72 | 73 | 74 | 75 | 76 | 77 | 78 | 79 | 80

2 0 | PUBLICITY ISSUED | N | 44 | NA | 45 | DESCRIPTION | _____ | 46 |
 7 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 | 33 | 34 | 35 | 36 | 37 | 38 | 39 | 40 | 41 | 42 | 43 | 44 | 45 | 46 | 47 | 48 | 49 | 50 | 51 | 52 | 53 | 54 | 55 | 56 | 57 | 58 | 59 | 60 | 61 | 62 | 63 | 64 | 65 | 66 | 67 | 68 | 69 | 70 | 71 | 72 | 73 | 74 | 75 | 76 | 77 | 78 | 79 | 80

7812270251

NRC USE ONLY

NAME OF PREPARER

D Tilly

P.O. NO.

612/295-5151

LICENSEE EVENT REPORT

CONTROL BLOCK: _____ (1)

(PLEASE PRINT OR TYPE ALL REQUIRED INFORMATION)

01 M N M N P 1 0 0 - 0 0 0 0 0 - 0 0 3 4 1 1 1 1 4 5
7 8 9 0 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6 7 8 9 0
 LICENSEE CODE 14 15 LICENSE NUMBER 25 26 LICENSE TYPE 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60

01 L 0 5 0 0 0 2 6 3 7 1 1 2 1 7 8 8 1 2 2 1 7 8 9
7 8 9 0 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6 7 8 9 0
 REPORT SOURCE 50 51 DOCKET NUMBER 68 69 EVENT DATE 74 75 REPORT DATE 80

EVENT DESCRIPTION AND PROBABLE CONSEQUENCES (10)

02 | During normal operation a steam leak was discovered in a tee downstream of MO 1197
 03 | on the two inch HP Turbine "U" Bend Drain Line to the condenser. This constituted
 04 | degradation of a system designed to carry radioactive material resulting from
 05 | the fission process. (TS.6.7.B.2.d). Six previous similar occurrences in other
 06 | lines (M-RO-76-1, 16, 24; M-RO-77-19; and M-RO-78-07, 13). No affect on public
 07 | health or safety.
 08 |

09 H B 11 E 12 X 13 P I P E X X 14 A 15 Z 16
7 8 9 0 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6 7 8 9 0
 SYSTEM CODE 9 10 CAUSE CODE 11 CAUSE SUBCODE 12 COMPONENT CODE 13 COMP. SUBCODE 14 VALVE SUBCODE 15 16

17 7 8 0 2 7 0 3 L 0
7 8 9 0 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6 7 8 9 0
 LEA RO REPORT NUMBER 21 22 EVENT YEAR 23 SEQUENTIAL REPORT NO. 24 OCCURRENCE CODE 25 REPORT TYPE 26 REVISION NO. 27

B 18 A 19 Z 20 Z 21 0 0 0 0 N 23 Y 24 A 25 L 0 2 5 26
7 8 9 0 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6 7 8 9 0
 ACTION TAKEN 33 FUTURE ACTION 34 EFFECT ON PLANT 35 SHUTDOWN METHOD 36 HOURS 37 ATTACHMENT SUBMITTED 38 NPRD-4 FORM SUB. 39 PRIME COMP. SUPPLIER 40 COMPONENT MANUFACTURER 41

CAUSE DESCRIPTION AND CORRECTIVE ACTIONS (27)

10 | Leak is believed to be due to erosion caused by flow of steam and water from
 11 | restricting orifice into tee. Temporary clamp type repair made. Leaking tee and
 12 | associated piping will be inspected and replaced as required prior to the end of
 13 | the next refueling outage.
 14 |

15 E 28 0 8 5 29 NA 30 B 31 NA 32
7 8 9 0 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6 7 8 9 0
 FACILITY STATUS 7 8 9 % POWER 10 OTHER STATUS 11 METHOD OF DISCOVERY 12 DISCOVERY DESCRIPTION 13

16 Z 33 Z 34 NA 35 NA 36
7 8 9 0 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6 7 8 9 0
 ACTIVITY CONTENT 7 8 9 RELEAED OF RELEASE 10 AMOUNT OF ACTIVITY 11 LOCATION OF RELEASE 12

17 0 0 0 37 Z 38 NA 39
7 8 9 0 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6 7 8 9 0
 PERSONNEL EXPOSURES 7 8 9 NUMBER 10 TYPE 11 DESCRIPTION 12

18 0 0 0 40 NA 41
7 8 9 0 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6 7 8 9 0
 PERSONNEL INJURIES 7 8 9 NUMBER 10 DESCRIPTION 11

19 Z 42 NA 43
7 8 9 0 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6 7 8 9 0
 LOSS OF OR DAMAGE TO FACILITY 7 8 9 TYPE 10 DESCRIPTION 11

20 N 44 NA 45
7 8 9 0 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6 7 8 9 0
 PUBLICITY ISSUED 7 8 9 DESCRIPTION 10

7812270251

NAME OF PREPARER D D Tilly PHONE: 612/295-5151