

50-220

NRC DISTRIBUTION FOR PART 50 DOCKET MATERIAL

FILE NUMBER
INCIDENT REPORTTO:
James P O'ReillyFROM:
Niagara Mohawk Power Corp.
Syracuse, NY
R. R. SchneiderDATE OF DOCUMENT
7/14/77DATE RECEIVED
7/20/77☒ LETTER
☐ ORIGINAL
☒ COPY☐ NOTORIZED
☐ UNCLASSIFIED

PROP

INPUT FORM

NUMBER OF COPIES RECEIVED

1cc

DESCRIPTION

ACKNOWLEDGED

DO NOT REMOVE

PLANT NAME: Nine Mile Point Nuclear Station
Unit No. 1
RBT 7/21/77

ENCLOSURE

Licensee Event Reports (50-220/77-29, 77-30, 77-31, 77-34, and 77-35) on 6/16, 6/16, 6/18, 7/3, and 7/5/77 concerning low-low-low level set point out of specs on RE-18A, vacuum switch trip and reset point on torus relief valves out of specs, weld leak in emergency condenser valves, and failure of RTD to maintain required accuracy. 1p+5p

NOTE: IF PERSONNEL EXPOSURE IS INVOLVED
SEND DIRECTLY TO KREGER/J. COLLINS

FOR ACTION/INFORMATION

BRANCH CHIEF:

W/3 CYS FOR ACTION

W/ CYS

ACRS 16 CYS SENT

AS CAT 13

INTERNAL DISTRIBUTION

REG FILE

NRC PDR

I & E (2)

MIPC

SCHROEDER/IPPOLITO

HOUSTON

NOVAK/CHECK

GRIMES

BUTLER

HANAUER

TEDESCO/MACCARY

EISENHUT

BAER

SHAO

VOLLMER/BUNGH

KREGER/J. COLLINS

EXTERNAL DISTRIBUTION

LPDR:

TIC:

NSIC:

CONTROL NUMBER

772020321

EVENT DESCRIPTION

During routine unit startup, #11 Emergency Cooling System was discovered to be inoperable. Ultra-sonic testing of system 11's condensate return inlet valve (39-01) indicated that the valve stem was separated from the disc. The normally open valve was run to closed position and a surveillance test was run on the redundant Emergency Cooling System (#12) in accordance with Technical Specification 4.1.3.4. No problems were encountered. A Technical Specification change was requested to allow normal operation with one Emergency Cooling System inoperable, beyond the seven days currently allowed. In addition, it was requested that the increased surveillance for operation with an inoperable emergency cooling system be performed on a weekly rather than a daily basis.

At the conclusion of Cycle 5, maintenance will be performed on the inoperable emergency cooling system to place it back in service.

CAUSE DESCRIPTION

A Crane Company 10 inch list 900 W.E.O.S. Gate Valve failed to open or close automatically or open manually. It is suspected that the valve stem has separated from the disc or has sheared at some point along its length. The actual cause cannot be determined until the valve is disassembled.

LICENSEE EVENT REPORT

CONTROL BLOCK:

[PLEASE PRINT ALL REQUIRED INFORMATION]

LICENSEE NAME: 01 N Y N M P 1
 LICENSE NUMBER: 15 - 25
 LICENSE TYPE: 4 1 1 1 1
 EVENT TYPE: 0 3
 CATEGORY: 01 CONT
 REPORT TYPE: - -
 REPORT SOURCE: L
 DOCKET NUMBER: 0 5 0 - 0 2 2 0
 EVENT DATE: 0 7 1 2 7 7
 REPORT DATE: 0 7 2 0 7 7

EVENT DESCRIPTION

02	SEE ATTACHMENT FOR DESCRIPTION	
7 8 9		80
03		
7 8 9		80
04		
7 8 9		80
05		
7 8 9		80
06	LER 77-36	
7 8 9	PRIME	80

7 8 9 80

SYSTEM CODE CAUSE CODE COMPONENT CODE PRIME COMPONENT SUPPLIER COMPONENT MANUFACTURER VIOLATION

07 CF E VALVEX A C665 N

7 8 9 10 11 12 13 14 15 16 17 43 44 45 46 47 48

CAUSE DESCRIPTION

08	SEE ATTACHMENT	
7 8 9		80
09		
7 8 9		80
10		
7 8 9		80

11	FACILITY STATUS		% POWER		OTHER STATUS		METHOD OF DISCOVERY		DISCOVERY DESCRIPTION	
7 8	C		0 0 4		NA		A		NA	
9			10	12	13	44	45	46	80	
12	FORM OF ACTIVITY RELEASED		CONTENT OF RELEASE		AMOUNT OF ACTIVITY				LOCATION OF RELEASE	
7 8	Z		Z		NA				NA	
9			10	11	44	45			80	

PERSONNEL EXPOSURES

NUMBER			TYPE	DESCRIPTION
13	000	Z	NA	

PERSONNEL INJURIES

NUMBER			DESCRIPTION
14	0	0	NA

~~OF XX XX~~ CONSEQUENCES PROBABLE

[illegible]

LOSS OR DAMAGE TO FACILITY

TYPE			DESCRIPTION
16	Z		NA

PUBLICITY

17 NA

ADDITIONAL FACTORS

18 NA 80

19 | _____ 80

NAME: _____

PHONE:

LICENSEE EVENT REPORT

CONTROL BLOCK: 1 6

[PLEASE PRINT ALL REQUIRED INFORMATION]

LICENSEE NAME	LICENSE NUMBER	LICENSE TYPE	EVENT TYPE
01 N Y N M P 1	 	4 1 1 1 1	0 3
7 8 9	14 15 25 26 30 31 32		

CONT	CATEGORY	REPORT TYPE	REPORT SOURCE	DOCKET NUMBER	EVENT DATE	REPORT DATE
01	- -	T	L	0 5 0 - 0 2 0	0 6 1 6 7 7	0 7 1 3 7 7
7 8 9	57 58	59	60	61 68	69 74	75 80

EVENT DESCRIPTION

02	During routine surveillance testing, found reactor low-low-low level setpoint at	80
03	140" on RE-18A. Should have been 125' + 2.0-2.5". Reset to 126". Inspected	80
04	for friction and mechanical defects, found none. Redundant instrumentation operable.	80
05	LER 77-29	80
06		80

SYSTEM CODE	CAUSE CODE	COMPONENT CODE	PRIME COMPONENT SUPPLIER	COMPONENT MANUFACTURER	VIOLATION
07 I B	E	I N S T R U	A	B 0 8 0	N
7 8 9 10	11	12 17	43	44 47	48

CAUSE DESCRIPTION

08	Instrument setpoint drift.	80
09		80
10		80

FACILITY STATUS	% POWER	OTHER STATUS	METHODS OF DISCOVERY	DISCOVERY DESCRIPTION
11 G	0 0 0	NA	B	Surveillance Test
7 8 9	10 12 13	44	45 46	80

FORM OF ACTIVITY RELEASED	CONTENT OF RELEASE	AMOUNT OF ACTIVITY	LOCATION OF RELEASE
12 Z	Z	NA	NA
7 8 9	10 11	44	80

PERSONNEL EXPOSURES

NUMBER	TYPE	DESCRIPTION
13 0 0 0	Z	NA
7 8 9 11	12	80

PERSONNEL INJURIES

NUMBER	DESCRIPTION
14 0 0 0	NA
7 8 9 11 12	80

XXXXXX CONSEQUENCES PROBABLE

15	NA	80
----	----	----

LOSS OR DAMAGE TO FACILITY

TYPE	DESCRIPTION
16 Z	NA
7 8 9 10	80

PUBLICITY

17	NA	80
----	----	----

ADDITIONAL FACTORS

18	NA	80
----	----	----

19		80
----	--	----

NAME: _____

PHONE: _____

NIAGARA MOHAWK POWER CORPORATION

NIAGARA  MOHAWK300 ERIE BOULEVARD, WEST
SYRACUSE, N. Y. 13202

July 14, 1977

Mr. James P. O'Reilly **Regulatory Docket File**
Director
United States Nuclear Regulatory Commission
Region I
631 Park Avenue
King of Prussia, PA. 19406

RE: Docket No. 50-220

Dear Mr. O'Reilly:

In accordance with Nine Mile Point Nuclear Station Unit #1
Technical Specifications, we hereby submit Licensee Event Reports
LER 77-29, 77-30, 77-31, 77-34 and 77-35.

These reports were completed in the format designated in the
Licensee Event Report Instruction Booklet 00E-SS-001, dated
October 1974, revised December 8, 1975.

Very truly yours,

ORIGINAL SIGNED BY R.R. SCHNEIDER

R.R. Schneider
Vice President -
Electric Production

MAS/mtm

Attachments

xc: Director, I&E (40 copies)
Director, MIPC (3 copies)



772020321

(PLEASE PRINT ALL REQUIRED INFORMATION)

EVENT DESCRIPTION**CAUSE DESCRIPTION**

**FACILITY
STATUS**

FORM OF
ACTIVITY
RELEASED

PERSONNEL EXPOSURES

PERSONNEL INJURIES

~~XXXXXX~~ CONSEQUENCES PROBABLE

LOSS OR DAMAGE TO FACILITY

PUBLICITY

ADDITIONAL FACTORS

19

NAME:

PHONE:

[PLEASE PRINT ALL REQUIRED INFORMATION]

PHONE:

CONTROL BLOCK:

[PLEASE PRINT ALL REQUIRED INFORMATION]

GPO 881-667

RECEIVED DOCUMENT PROCESSING UNIT

LICENSEE EVENT REPORT

CONTROL BLOCK: 1 1 1 1 1 1

(PLEASE PRINT ALL REQUIRED INFORMATION)

LICENSEE NAME						LICENSE NUMBER						LICENSE TYPE				EVENT TYPE		
01	N	Y	N	M	P	1						4	1	1	1	0	1	
7	8	9				14	15					25	26			30	31	32

CONT		CATEGORY		REPORT TYPE	REPORT SOURCE	DOCKET NUMBER				EVENT DATE				REPORT DATE				
01		-	-	T	L	0	5	0	0	2	2	0	0	7	0	3	7	7
7	8	57	58	59	60	61				68	69			74	75			

EVENT DESCRIPTION

02	During hydrostatic test found leak at weld between emergency condenser valves 39-01	80
03	and 39-03. Weld was ground out and repaired. Both PT and Radiographic examinations	80
04	were made during and following repairs.	80
05		80
06	LER 77-34	80

SYSTEM CODE	CAUSE CODE	COMPONENT CODE				PRIME COMPONENT SUPPLIER	COMPONENT MANUFACTURER		VIOLATION						
07	C	E	P	I	P	E	X	X	A	K	0	5	5	N	
7	8	9	10						43	44				47	48

CAUSE DESCRIPTION

08	Defect was in original weld to valve body. Cause being investigated.	80
09		80
10		80

FACILITY STATUS	% POWER	OTHER STATUS		METHOD OF DISCOVERY	DISCOVERY DESCRIPTION					
11	H	0	0	0	NA	B	Hydrostatic Test			
7	8	9	10	12	13	44	45	46		80

FORM OF ACTIVITY RELEASED	CONTENT OF RELEASE	AMOUNT OF ACTIVITY		LOCATION OF RELEASE					
12	Z	NA		NA					
7	8	9	10	11		44	45		80

PERSONNEL EXPOSURES

NUMBER	TYPE	DESCRIPTION					
13	0	0	0	Z	NA		
7	8	9	11	12	13		80

PERSONNEL INJURIES

NUMBER	DESCRIPTION					
14	0	0	0	NA		
7	8	9	11	12		80

CONSEQUENCES

15	NA	80
----	----	----

LOSS OR DAMAGE TO FACILITY

TYPE	DESCRIPTION				
15	Z	NA			
7	8	9	10		80

PUBLICITY

17	NA	80
----	----	----

ADDITIONAL FACTORS

18	NA	80
----	----	----

19		80
----	--	----

NAME: _____ PHONE: _____

NIAGARA MOHAWK POWER CORPORATION

TELECOPY LETTER

TO: 315-337-1152-324 FROM: 315/343-2110-1376 DATE/TIME 7/5/77
 Telephone Number Telephone Number

64-7359

TO: James P. O'Reilly
 Director of Regulatory Operation
 USNRC Region I
 631 Park Avenue
 King of Prussia, PA. 19406

From: Niagara Mohawk Power Corporation
 Nine Mile Point Nuclear Station
 Unit #1
 P.O. Box #32
 Lycoming, New York 13093

SUBJECT: PROMPT REPORTABLE OCCURRENCE
 DOCKET NO. 50-220 LICENSE NO. DPR-63
 ASSIGNED LER NO. 77- 34

EVENT DATE: 7/3/77 REPORT DATE: 7/5/77

EVENT DESCRIPTION:

Leak in reactor coolant pressure boundary weld found during hydrostatic test. The weld is a valve to valve weld in the Emergency Condenser Condensate return line.

COMPONENTS INVOLVED: Emergency Condenser Valves BV-39-01, 39-03

CAUSE AND REMEDIAL ACTION:

The cause is unknown at the present time. The weld will be ground out and repaired.

FACILITY STATUS:

2 THERMAL PM 0

c) Routine Startup _____
 d) Routine Shutdown _____
 e) Steady State Oper _____
 f) Load Change _____

g) Shutdown X
 h) Refueling _____
 i) Other _____
 j) Not Applicable _____

A written follow-up report will be sent within two weeks.

TELECOPY TO J.P. O'Reilly FROM T.J. Ferlic DATE 7/5/77
 NAME NAME

A.A. Schneider

TO: 35-302-2401 FROM: 35-302-2401 DATE/TIME 7/6/77
Telephone Number Telephone Number
10-7357

TO: James P. O'Reilly From: Niagara Mohawk Power Corporation
Director of Regulatory Operation Nine Mile Point Nuclear Station
USNRC Region I Unit #1
631 Park Avenue P.O. Box #32
King of Prussia, PA. 19406 Lycoming, New York 13093

SUBJECT: PROMPT REPORTABLE OCCURRENCE
BUCKET NO. 50-220 LICENSE NO. DPR-63
ASSIGNED LER NO. 77- 35

EVENT DATE: 7/5/77 REPORT DATE: 7/6/77

EVENT DESCRIPTION:

RTD in condenser discharge failed to maintain required accuracy of ± 0.5 °F.
RTD in condenser inlet, north water box, failed open. In both cases
redundant RTD's were operable.

COMPONENTS INVOLVED: Resistance Temperature Detectors (RTD) in condenser
inlet and discharge.

CAUSE AND REMEDIAL ACTION:

Instrument drift caused inaccuracy of approximately 1.5 °F in condenser
discharge RTD. Instrument was recalibrated and returned to service.
Cause of failure to condenser inlet RTD is unknown. The inlet temp.
is being recorded using a redundant RTD.

FACILITY STATUS: % THERMAL IN 0

c) Routine Startup	_____	g) Shutdown	<u>X</u>
d) Routine Shutdown	_____	h) Refueling	_____
e) Steady State Oper	_____	i) Other	_____
f) Load Change	_____	j) Not Applicable	_____

A written follow-up report will be sent within two weeks.

TELECOPY TO C. Kelly-JF FROM Peckins T.S. DATE 7/6/77
NAME
Character R.R.

