

50-220

NRG DISTRIBUTION FOR PART 50 DOCKET MATERIAL 610511

FILE NUMBER
INCIDENT REPORT

TO: Mr. James P. O'Reilly

FROM: Niagara Mohawk Power Corp.
Syracuse, New York
R. R. Schneider

DATE OF DOCUMENT
4/6/77DATE RECEIVED
4/14/77

☒ LETTER
☒ ORIGINAL
☐ COPY

☐ NOTORIZED
☒ UNCLASSIFIED

PROP

INPUT FORM

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1 SIGNED

DESCRIPTION

Ltr. trans the following:

ACKNOWLEDGED

PLANT NAME:

Nine Mile Point Unit No. 1

RJL

(1-P)+(5-P)

ENCLOSURE

Licensee Event Report (RO 50-220/77-04) on 3/7/77 concerning one solenoid operated pressure relief valve not being at required setting..

(RO 50-220/77-05) on 3/9/77 concerning one cleanup system area high temperature alarm trip point not being at required setting..

(50-220/77-06) on 3/9/77 concerning reset switch contacts being found in position which would have prevented 3 out of 6 solenoid operated pressure relief valves from operating as required for automatic depressurization..

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

(RO 50-220/77-07) on 3/17/77 concerning core spray header differential pressure alarm set point being at 5.8 psid & criteria was psid + 0-1 psid...

(RO 50-220/77-10) on 3/24/77 concerning secondary containment integrity being broken..

FOR ACTION/

BRANCH CHIEF:	Leav
W/3 CYS FOR ACTION	
LIC. ASST.:	Parrish
W/1 CYS	
ACRS 16 CYS HOLDING/SENT	AS CAT

INTERNAL D

REG FILE	
NRC PDR	
I. & E (2)	
MIPC	
SCHROEDER/IPPOLITO	
HOUSTON	
NOVAK/CHECK	
GRIMES	
CASE	
BUTLER	
HANAUER	
TEDESCO/MACCARY	
EISENHUT	
BAER	
SHAO	
VOLLMER/BUNCH	
KREGER/J. COLLINS	

EXTERNAL DISTRIBUTION

LPDR: Oswego, NY	
TIC:	
NSIC:	

CONTROL NUMBER

731050142

DO NOT REMOVE

NIAGARA MOHAWK POWER CORPORATION

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

April 6, 1977

REGULATORY DOCKET FILE COPY

Mr. James P. O'Reilly
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 77-04, 05, 06, 07 and 77-10.

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,



R.R. Schneider
Vice President -
Electric Production

MAS/mtm

Enc.

77105-0142

100-100000

LICENSEE EVENT REPORT

CONTROL BLOCK:

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1 6

[PLEASE PRINT ALL REQUIRED INFORMATION]

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

01		CONT		CATEGORY		REPORT TYPE		REPORT SOURCE		DOCKET NUMBER				EVENT DATE				REPORT DATE							
7	8	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80
		-	-	L	L	0	5	0	-	0	2	2	0	0	3	0	7	7	7	0	4	0	6	7	7

EVENT DESCRIPTION

02	During routine surveillance, found one solenoid operated pressure relief valve set for	80
03	1073 psig trip. Required setting 1095 psig \pm 12 psig. Setting was found in conservative	80
04	direction and was reset to 1097 psig.	80
05		80
06	LER 77-04	80
	PRIME	80

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

SYSTEM CODE CAUSE CODE COMPONENT CODE COMPONENT SUPPLIER COMPONENT MANUFACTURER VIOLATION

07 C C E I N S T R U N C 5 6 3 N

CAUSE DESCRIPTION

08	This was an instrument set point change.		80
09			80
10			80

11	G	000	NA	B	NA
12	Z	Z	NA	NA	

PERSONNEL EXPOSURES

NUMBER				TYPE	DESCRIPTION
1	3	0	0	0	Z NA

PERSONNEL INJURIES

NUMBER				DESCRIPTION	
1	4	0	0	0	NA

~~QUEST~~ CONSEQUENCES PROBABLE

1	5	NA	
7	8	9	80

LOSS OR DAMAGE TO FACILITY

TYPE		DESCRIPTION
15	Z	NA

PUBLICITY

17 NA 80

ADDITIONAL FACTORS

1a	NA	
7	8	9
		80

19 | _____ 20

LICENSEE EVENT REPORT

CONTROL BLOCK: 1 2 3 4 5 6

[PLEASE PRINT ALL REQUIRED INFORMATION]

LICENSEE NAME														LICENSE NUMBER										LICENSE TYPE				EVENT TYPE				
01 N Y N M P 1														15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30										4 1 1 1				0 3				
7	8	9												14	15											25	26			30	31	32

CATEGORY		REPORT TYPE	REPORT SOURCE	DOCKET NUMBER										EVENT DATE					REPORT DATE								
01 CONT - -		L	L	0 5 0 - 0 2 2 0										0 3 0 9 7 7					0 4 0 6 7 7								
7	8	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

02	During routine surveillance found one cleanup system area high temperature alarm trip	80
03	point set at 2490F. Required was $\leq 190^{\circ}\text{F}$. Reset to 189.80F. Redundant temperature	80
04	instrumentation would have initiated system isolation at or below the required	80
05	temperature.	80
06	LER 77-05	80

SYSTEM CODE		CAUSE CODE	COMPONENT CODE					PRIME COMPONENT SUPPLIER	COMPONENT MANUFACTURER			VOLATION				
07 C G		E	I N S T R U					A	R 3 3 5			N				
7	8	9	10	11	12	13	14	15	16	17	43	44	45	46	47	48

CAUSE DESCRIPTION

08	Instrument set point change.	80
09		80
10		80

FACILITY STATUS		% POWER			OTHER STATUS		METHOD OF DISCOVERY		DISCOVERY DESCRIPTION	
11 G		0 0 0			NA		B		NA	
7	8	9	10	11	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	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 PROBABLE

15	NA	80
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LOSS OR DAMAGE TO FACILITY

TYPE	DESCRIPTION			
16 Z	NA			
7	8	9	10	80

PUBLICITY

17	NA	80
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ADDITIONAL FACTORS

18	NA	80
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19		80
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LICENSEE EVENT REPORT

CONTROL BLOCK: 1 2 3 4 5 6

[PLEASE PRINT ALL REQUIRED INFORMATION]

LICENSEE NAME														LICENSE NUMBER										LICENSE TYPE				EVENT TYPE	
01 N Y N M P 1														15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30										4 1 1 1 1 1				0 3	
7 8 9 14														15 25										26 30				31 32	

CATEGORY		REPORT TYPE	REPORT SOURCE	DOCKET NUMBER										EVENT DATE						REPORT DATE						
01 CONT		-	L	L	0 5 0 - 0 2 2 0										0 3 0 9 7 7						0 4 0 6 7 7					
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

02	During routine surveillance found reset switch contacts in position which would have	80
03	prevented three out of six solenoid operated pressure relief valves from operating as	80
04	required for automatic depressurization. System was not required at time of surveillance	80
05	Redundant system would have caused operation of three remaining valves.	80
06	LER 77-06	80

SYSTEM CODE		CAUSE CODE	COMPONENT CODE					PRIME COMPONENT SUPPLIER	COMPONENT MANUFACTURER				VIOLATION
07 C C		E	I N S T R U					A	X 9 9 9				N
7 8 9 10		11	12 13 14 15 16 17					43	44 45 46 47				48

CAUSE DESCRIPTION

08	NA	80
09		80
10		80

FACILITY STATUS		% POWER			OTHER STATUS		METHOD OF DISCOVERY		DISCOVERY DESCRIPTION	
11 G		0 0 0			NA		B		NA	
7 8 9		10 11 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 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

XXXXXX CONSEQUENCES PROBABLE

15	NA	80
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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
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LICENSEE EVENT REPORT

CONTROL BLOCK:

(PLEASE PRINT ALL REQUIRED INFORMATION)

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

CATEGORY		REPORT TYPE	REPORT SOURCE	DOCKET NUMBER										EVENT DATE					REPORT DATE					
01 CON'T		-	L	0 5 0 - 0 2 2 0										0 3 1 7 7 7					0 4 0 6 7 7					
7	8	57	58	59	60	61										68	69			74	75			80

EVENT DESCRIPTION

02	7	8	9	During routine surveillance, found core spray header differential pressure alarm set																																																																											80
03	7	8	9	point at 5.8 psid. Criteria was 5 psid +0-1 psid. Reset to 4.7 psid. System would																																																																											80
04	7	8	9	have performed the function of indicating core spray piping integrity within the																																																																											80
05	7	8	9	reactor vessel.																																																																											80
06	7	8	9	LER 77-07																																																																											80

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

CAUSE DESCRIPTION

08	7	8	9	NA																																																																											80
09	7	8	9																																																																												80
10	7	8	9																																																																												80

FACILITY STATUS		% POWER			OTHER STATUS										METHOD OF DISCOVERY		DISCOVERY DESCRIPTION												
11 G		0 0 0			NA										B		NA												
7	8	9	10	11	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										45	80									

PERSONNEL EXPOSURES

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

PERSONNEL INJURIES

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

PROBABLE CONSEQUENCES

15	7	8	9	NA																																																																											80
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LOSS OR DAMAGE TO FACILITY

TYPE	DESCRIPTION		
16 Z	NA		
7	8	9	10

PUBLICITY

17	7	8	9	NA																																																																											80
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ADDITIONAL FACTORS

18	7	8	9	NA																																																																											80
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19	7	8	9																																																																												80
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LICENSEE EVENT REPORT

CONTROL BLOCK:

[PLEASE PRINT ALL REQUIRED INFORMATION]

LICENSEE NAME								LICENSE NUMBER								LICENSE TYPE						EVENT TYPE					
0	1		N	Y	N	M	P			-				-		4	1	1	1	1	0	1					
7	8	9					14	15						25	26				30	31	32						
CATEGORY		REPORT TYPE	REPORT SOURCE	DOCKET NUMBER						EVENT DATE						REPORT DATE											
0	1	-	-	T	L			0	5	0	-	0	2	2	0	0	3	2	4	7	7	0	4	0	6	7	7
7	8	57	58	59	60	61							68	69					74	75					80		

EVENT DESCRIPTION

02	Station employee opened reactor building door while the other door in the air lock was										80
03	open. During the time both doors were open, secondary containment integrity was										80
04	broken. Integrity of the containment was immediately restored.										80
05											80
06	LER 77-10										80
07	<div> <div>SYSTEM CODE</div> <div>S A</div> </div> <div> <div>CAUSE CODE</div> <div>A</div> </div> <div> <div>COMPONENT CODE</div> <div>P E N E T R</div> </div> <div> <div>PRIME COMPONENT SUPPLIER</div> <div>Z</div> </div> <div> <div>COMPONENT MANUFACTURER</div> <div>Z 9 9 9</div> </div> <div> <div>VIOLATION</div> <div>N</div> </div>										80

CAUSE DESCRIPTION

08	All supervisors have been instructed to review Secondary Containment requirements	80
09	with all members of their departments.	80
10		80

[illegible]

PERSONNEL EXPOSURES

NUMBER				TYPE	DESCRIPTION
1	3	0	0	0	NA

PERSONNEL INJURIES

NUMBER				DESCRIPTION
1	4	Q	0 0	NA

7 8 9 11 12 80

~~XXXXXX~~ CONSEQUENCES PROBABLE

15 NA 80

LOSS OR DAMAGE TO FACILITY

TYPE		DESCRIPTION
15	Z	NA

PUBLICITY

17	NA
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ADDITIONAL FACTORS

7 8 9 NA 89

19

RECEIVED DOCUMENT
PROCESSING UNIT

1977 APR 14 PM 2 06

11 APR 77 1: 32

USNRC-REG. 1-