A 8/30/78

REGULATORY INFORMATION DISTRIBUTION SYSTEM (RIDS)
DISTRIBUTION FOR INCOMING MATERIAL 50-220

REC: GRIER B H
NRC

ORG: SCHNEIDER R R
NIAGARA MOHAWK PWR

DOCDATE: 08/24/78
DATE RCVD: 08/28/7

DOCTYPE: LETTER NOTARIZED: NO

COPIES RECEIVED
LTR 1 ENCL 1

SUBJECT:
FORWARDING LICENSEE EVENT REPT (RO 50-220/78-030) ON 08/04/78 [redacted] after [redacted] ROUTINE STARTUP OPERATIONS, 29-03 , A MOTOR DRIVEN FEEDWATER PUMP, WHICH IS A COMPONENT OF THE HPCI SYSTEM, WAS UNAVAILABLE WHILE ITS PUMP SEALS WERE REPLACED. [redacted]

PLANT NAME: NINE MILE PT -- UNIT 1

REVIEWER INITIAL: XJM
DISTRIBUTOR INITIAL: m

********** DISTRIBUTION OF THIS MATERIAL IS AS FOLLOWS **********

INCIDENT REPORTS
(DISTRIBUTION CODE A002)

FOR ACTION: BR CHIEF ORB#3 BC**W/4 ENCL

INTERNAL:
REG FILE**W/ENCL
I & E**W/2 ENCL
I & C SYSTEMS BR**W/ENCL
NOVAK/CHECK**W/ENCL
AD FOR ENG**W/ENCL
HANAUER**W/ENCL
AD FOR SYS & PROJ**W/ENCL
ENGINEERING BR**W/ENCL
KREGER/J. COLLINS**W/ENCL
K SEYFRIT/IE**W/ENCL
NRC PDR**W/ENCL
MIPC**W/3 ENCL
EMERGENCY PLAN BR**W/ENCL
EEB**W/ENCL
PLANT SYSTEMS BR**W/ENCL
AD FOR PLANT SYSTEMS**W/ENCL
REACTOR SAFETY BR**W/ENCL
VOLLMER/BUNCH**W/ENCL
POWER SYS BR**W/ENCL

EXTERNAL:
LPDR'S
OSWEGO, NY**W/ENCL
TIC, LIZ CARTER**W/ENCL
NSIC**W/ENCL
ACRS CAT B**W/16 ENCL

A104

DISTRIBUTION: LTR 45 ENCL 45
SIZE: 1P+1P+2P

CONTROL NBR: 782370288

ccp

********** THE END **********

NMP-0192

NIAGARA MOHAWK POWER CORPORATION/300 ERIE BOULEVARD WEST, SYRACUSE, N.Y. 13202/TELEPHONE (315) 474-1511

August 24, 1978

Mr. Boyce H. Grier
Director
United States Nuclear Regulatory Commission
Region I
631 Park Avenue
King of Prussia, PA. 19406

RE: Docket No. 50-220

Dear Mr. Grier:

In accordance with Nine Mile Point Nuclear Station Unit #1 Technical Specifications, we hereby submit the following Licensee Event Reports:

LER 78-30	which is in accordance with Section 6.9.2b(2) of the Technical Specifications
LER 78-31	which is in accordance with Section 6.9.2b(2) of the Technical Specifications
LER 78-32	which is in accordance with Section 3.1.7a of the Technical Specifications

These reports were completed in the format designated in NUREG-0161, dated July 1977.

Very truly yours,

R.R. Schneider
Vice President -
Electric Production

mtm

Attachments (3 each)

xc: Director, Office of I&E (30 copies)
Director, Office of MIPC (3 copies)

782370288

A002
S
1/1
HEAD TO

(7-77)

LICENSEE EVENT REPORT

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

0 1 LICENSEE CODE: N Y N M P 1 ② LICENSE NUMBER: 0 0 - 0 0 0 0 0 - 0 0 ③ LICENSE TYPE: 4 1 1 1 1 ④ CAT ⑤

CON'T 0 1 REPORT SOURCE: L ⑥ DOCKET NUMBER: 0 5 0 0 0 2 2 0 ⑦ EVENT DATE: 0 8 0 4 7 8 ⑧ REPORT DATE: 0 8 2 4 7 8 ⑨

EVENT DESCRIPTION AND PROBABLE CONSEQUENCES ⑩

0 2 During routine startup operations, 29-03, a motor driven feedwater

0 3 pump which is a component of the HPCI System, was unavailable while

0 4 its pump seals were replaced. T.S. 3.1.8b allows that the HPCI System

0 5 is considered operable provided one pump is demonstrated to be

0 6 operable and the redundant pump is returned to service within 15 days.

0 7 N1-ST-IC5, demonstrated that pump 29-02 was operable. This condition

0 8 is reportable per T.S. 6.9.2b(2).

0 9 SYSTEM CODE: S F ⑪ CAUSE CODE: X ⑫ CAUSE SUBCODE: Z ⑬ COMPONENT CODE: P U M P X X ⑭ COMP. SUBCODE: B ⑮ VALVE SUBCODE: Z ⑯

⑰ LER/RO REPORT NUMBER: EVENT YEAR: 7 8 — SEQUENTIAL REPORT NO.: 0 3 0 / OCCURRENCE CODE: 0 3 REPORT TYPE: L — REVISION NO.: 0

ACTION TAKEN: A ⑱ FUTURE ACTION: Z ⑲ EFFECT ON PLANT: Z ⑳ SHUTDOWN METHOD: Z ㉑ HOURS ㉒: 0 0 0 0 ATTACHMENT SUBMITTED: N ㉓ NPRD-4 FORM SUB.: N ㉔ PRIME COMP. SUPPLIER: A ㉕ COMPONENT MANUFACTURER: W 3 1 5 ㉖

CAUSE DESCRIPTION AND CORRECTIVE ACTIONS ㉗

1 0 A Worthington Centrifugal Pump, Model 8WNC141 was removed from service

1 1 while routine maintenance was performed on the pump seals. These were

1 2 replaced and the pump returned to service with no problems encountered.

1 3

1 4

1 5 FACILITY STATUS: C ㉘ % POWER: 0 3 6 ㉙ OTHER STATUS ㉚: NA METHOD OF DISCOVERY: A ㉛ DISCOVERY DESCRIPTION ㉜: Operational Event

1 6 ACTIVITY RELEASED: Z ㉝ CONTENT OF RELEASE: Z ㉞ AMOUNT OF ACTIVITY ㉟: NA LOCATION OF RELEASE ㊱: NA

PERSONNEL EXPOSURES

1 7 NUMBER: 0 0 0 ㊲ TYPE: Z ㊳ DESCRIPTION ㊴: NA

PERSONNEL INJURIES

1 8 NUMBER: 0 0 0 ㊵ DESCRIPTION ㊶: NA

LOSS OF OR DAMAGE TO FACILITY ㊸

1 9 TYPE: Z ㊷ DESCRIPTION: NA

PUBLICITY

2 0 ISSUED: N ㊹ DESCRIPTION ㊺: NA NRC USE ONLY ☐☐☐☐☐☐☐☐☐☐☐☐

NAME OF PREPARER D.K. MacVittie PHONE: 315-343-2110 ext. 1394

GPO 917-920

(7-77)

LICENSEE EVENT REPORT

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

01 | NYNMP1 (2) | 00-00000-00 (3) | 41111 (4) | (5)
7 8 9 LICENSEE CODE 14 15 LICENSE NUMBER 25 26 LICENSE TYPE 30 57 CAT 58

CON'T
01 REPORT SOURCE L (6) | 050022 0 (7) | 080878 (8) | 082478 (9)
7 8 60 61 DOCKET NUMBER 68 69 EVENT DATE 74 75 REPORT DATE 80

EVENT DESCRIPTION AND PROBABLE CONSEQUENCES (10)

02 During normal operation, NP02A, a liquid poison pump was unavailable
03 while a frozen drain valve was replaced. Three hours later, NP02B
04 was unavailable while its drain valve was replaced. T.S. 3.1.2A
05 allows operation with only one liquid poison pump for this period of
06 time. It is reportable, however, in accordance with T.S. 6.9.2b(2).
07 One pump was available at all times, and surveillance tests were per-
08 formed as required.
7 8 9 80

09 SYSTEM CODE PC (11) | CAUSE CODE X (12) | CAUSE SUBCODE Z (13) | COMPONENT CODE PUMPXX (14) | COMP. SUBCODE E (15) | VALVE SUBCODE Z (16)
7 8 9 10 11 12 13 18 19 20

(17) LER/RO REPORT NUMBER: EVENT YEAR 78 | — | SEQUENTIAL REPORT NO. 031 | / | OCCURRENCE CODE 03 | REPORT TYPE L | — | REVISION NO. 0
21 22 23 24 26 27 28 29 30 31 32

ACTION TAKEN A (18) | FUTURE ACTION Z (19) | EFFECT ON PLANT Z (20) | SHUTDOWN METHOD Z (21) | HOURS (22) 0000 | ATTACHMENT SUBMITTED N (23) | NPRD-4 FORM SUB. N (24) | PRIME COMP. SUPPLIER N (25) | COMPONENT MANUFACTURER U055 (26)
33 34 35 36 37 40 41 42 43 44 47

CAUSE DESCRIPTION AND CORRECTIVE ACTIONS (27)

10 The Union TD50 Reciprocating Pumps were removed from service while
11 their drain valve internals were replaced. These valves had frozen
12 closed due to the build-up of boron in them. The condition of the
13 drain valves would not have affected the performance of the Liquid
14 Poison pumps nor degraded the system.
7 8 9 80

15 FACILITY STATUS E (28) | % POWER 092 (29) | OTHER STATUS (30) NA | METHOD OF DISCOVERY A (31) | DISCOVERY DESCRIPTION (32) Operational Event
7 8 9 10 12 13 44 45 46 80

16 ACTIVITY RELEASED Z (33) | CONTENT OF RELEASE Z (34) | AMOUNT OF ACTIVITY (35) NA | LOCATION OF RELEASE (36) NA
7 8 9 10 11 44 45 80

17 PERSONNEL EXPOSURES NUMBER 000 (37) | TYPE Z (38) | DESCRIPTION (39) NA
7 8 9 11 12 13 80

18 PERSONNEL INJURIES NUMBER 000 (40) | DESCRIPTION (41) NA
7 8 9 11 12 80

19 LOSS OF OR DAMAGE TO FACILITY (43) TYPE Z (42) | DESCRIPTION NA
7 8 9 10 80

20 PUBLICITY ISSUED N (44) | DESCRIPTION (45) NA | NRC USE ONLY
7 8 9 10 68 69 80

NAME OF PREPARER D.K. MacVittie PHONE: 315-343-2110 ext. 1394

GPO 917-926

LICENSEE EVENT REPORT

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

01 | NYNMP1 (2) | 00-00000-00 (3) | 41111 (4) | (5)
LICENSEE CODE — LICENSE NUMBER — LICENSE TYPE — CAT

CON'T 01 | REPORT SOURCE L (6) | 05000220 (7) | 082178 (8) | 082478 (9)
DOCKET NUMBER — EVENT DATE — REPORT DATE

EVENT DESCRIPTION AND PROBABLE CONSEQUENCES (10)

02 Following a Rx power increase, calculations determined the average
03 planar linear heat generation rate to be greater than that allowed by
04 T.S. 3.1.7a. Calculations just prior to the power increase had
05 indicated a value of APLHGR within T.S. Limits.
06
07
08

09 SYSTEM CODE ZZ (11) | CAUSE CODE X (12) | CAUSE SUBCODE Z (13) | COMPONENT CODE ZZZZZZ (14) | COMP. SUBCODE Z (15) | VALVE SUBCODE Z (16)

(17) LER/RO REPORT NUMBER: EVENT YEAR 78 | — | SEQUENTIAL REPORT NO. 032 | / | OCCURRENCE CODE 03 | REPORT TYPE L | — | REVISION NO. 0

ACTION TAKEN X (18) | FUTURE ACTION Z (19) | EFFECT ON PLANT B (20) | SHUTDOWN METHOD Z (21) | HOURS (22) 0000 | ATTACHMENT SUBMITTED N (23) | NPRD-4 FORM SUB. N (24) | PRIME COMP. SUPPLIER Z (25) | COMPONENT MANUFACTURER Z999 (26)

CAUSE DESCRIPTION AND CORRECTIVE ACTIONS (27)

10 Immediately following a Rx power increase, the process computer power
11 distribution was updated via the TIP system and computer program OD-1.
12 Subsequent computer calculations revealed an APLHGR of 8.85 KW/FT. This
13 exceeded T.S. limit by 0.02 KW/FT. Rx power was decreased immediately
14 and APLHGR subsequently determined to be within limits.

15 FACILITY STATUS F (28) | % POWER 092 (29) | OTHER STATUS (30) NA | METHOD OF DISCOVERY A (31) | DISCOVERY DESCRIPTION (32) Operational Event

16 ACTIVITY RELEASED Z (33) | CONTENT OF RELEASE Z (34) | AMOUNT OF ACTIVITY (35) NA | LOCATION OF RELEASE (36) NA

17 PERSONNEL EXPOSURES: NUMBER 000 (37) | TYPE Z (38) | DESCRIPTION (39) NA

18 PERSONNEL INJURIES: NUMBER 000 (40) | DESCRIPTION (41) NA

19 LOSS OF OR DAMAGE TO FACILITY (43): TYPE Z (42) | DESCRIPTION NA

20 PUBLICITY: ISSUED N (44) | DESCRIPTION (45) NA | NRC USE ONLY

NAME OF PREPARER D.K. MacVittie PHONE: 315-343-2110 Ext. 1394

GPO 917-926