

A 6/12/78

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50-220

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NIAGARA MOHAWK PWR

DOC DATE: 06/01/78
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DOCTYPE: LETTER NOTARIZED: NO
SUBJECT:

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LTR 1 ENCL 1

FORWARDING LICENSEE EVENT REPT (RO 50-220/78-019) ON 05/22/78 CONCERNING
MAINTANANCE SURVEILLANCE TEST N1-MST-V1, FOUND HYDRAULIC SNUBBER 31-HS-1 HAD
FAILED, CAUSED BOTTOM NUT ON THE PIPE COLLAR FELL OFF... W/ATT.

PLANT NAME: NINE MILE PT - UNIT 1

REVIEWER INITIAL: XJM
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INCIDENT REPORTS
(DISTRIBUTION CODE A002)

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NMP-0163

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

June 1, 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 Licensee Event Report,
LER 78-19, which is in violation of Section 6.9.2b(9) of the
Technical Specifications.

This event was completed in the format designated in
NUREG-0161, dated July 1977.

Very truly yours,

ORIGINAL SIGNED BY R.R. SCHNEIDER

R.R. Schneider
Vice President -
Electric Production

mtm

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CON'T

⑦ ⑧ | 0 | ① | L | ② | 0 | 5 | 0 | 0 | 0 | 2 | 2 | 0 | ③ | 0 | 5 | 2 | 2 | 7 | 8 | ④ | 0 | 6 | 0 | 2 | 7 | 8 | ⑤ | ⑥

REPORT SOURCE 60 DOCKET NUMBER 68 EVENT DATE 74 REPORT DATE 20

EVENT DESCRIPTION AND PROBABLE CONSEQUENCES ⑩

⑦ ⑧ | 0 | 2 | During routine shutdown operations, Maintenance Surveillance Test

⑦ ⑧ | 0 | 3 | N1-MST-V1, found hydraulic snubber 31-HS-1 had failed. The snubber

⑦ ⑧ | 0 | 4 | was empty of hydraulic fluid and disconnected from its anchor at the

⑦ ⑧ | 0 | 5 | feedwater pipe. This condition is reportable per Technical Specifica-

⑦ ⑧ | 0 | 6 | tion 6.9.2b(9). It resulted in minimal safety implications.

⑦ ⑧ | 0 | 7 |

⑦ ⑧ | 0 | 8 |

⑦ ⑧ | 0 | 9 | SYSTEM CODE C | H | ⑪ | CAUSE CODE E | ⑫ | CAUSE SUBCODE B | ⑬ | COMPONENT CODE S | U | P | I | O | R | T | ⑭ | COMP. SUBCODE D | ⑮ | VALVE SUBCODE Z | ⑯ |

⑰ | LER'RO REPORT NUMBER 7 | 8 | ㉑ | EVENT YEAR 7 | 8 | ㉒ | SEQUENTIAL REPORT NO. 0 | 1 | 9 | ㉔ | OCCURRENCE CODE 0 | 1 | ㉖ | REPORT TYPE T | ㉘ | REVISION NO. 0 | ㉚ |

ACTION TAKEN C | 18 | FUTURE ACTION Z | 19 | EFFECT ON PLANT Z | 20 | SHUTDOWN METHOD Z | 21 | HOURS 0 | 0 | 0 | 0 | 22 | ATTACHMENT SUBMITTED Y | 23 | NPR-4 FORM SUB. Y | 24 | PRIME COMP. SUPPLIER N | 25 | COMPONENT MANUFACTURER G | 2 | 5 | 5 | 26

CAUSE DESCRIPTION AND CORRECTIVE ACTIONS ⑳

⑦ ⑧ | 1 | 0 | Vibration in the feedwater piping caused the bottom nut on the pipe

⑦ ⑧ | 1 | 1 | collar to fall off. This allowed the Grinnell Fig. 201 snubber to be-

⑦ ⑧ | 1 | 2 | come disconnected. Fluid loss due to failed teflon o-ring.

⑦ ⑧ | 1 | 3 | Current surveillance testing schedules are adequate to insure

⑦ ⑧ | 1 | 4 | early detection of future failures.

⑦ ⑧ | 1 | 5 | FACILITY STATUS D | 28 | % POWER 0 | 0 | 0 | 29 | OTHER STATUS NA | 30 | METHOD OF DISCOVERY B | 31 | DISCOVERY DESCRIPTION Surveillance Testing | 32

⑦ ⑧ | 1 | 6 | ACTIVITY CONTENT Z | 33 | RELEASER OF RELEASE Z | 34 | AMOUNT OF ACTIVITY NA | 35 | LOCATION OF RELEASE NA | 36

⑦ ⑧ | 1 | 7 | PERSONNEL EXPOSURES NUMBER 0 | 0 | 0 | 37 | TYPE Z | 38 | DESCRIPTION NA | 39

⑦ ⑧ | 1 | 8 | PERSONNEL INJURIES NUMBER 0 | 0 | 0 | 40 | DESCRIPTION NA | 41

⑦ ⑧ | 1 | 9 | LOSS OF OR DAMAGE TO FACILITY TYPE Z | 42 | DESCRIPTION NA | 43

⑦ ⑧ | 2 | 0 | PUBLICITY ISSUED N | 44 | DESCRIPTION NA | 45

D.K. MacVittie



11

June 1, 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
LER 78-019/01T-0

Dear Mr. Grier:

During routine shutdown operations, performance of surveillance test N1-MST-V1, found one hydraulic snubber (31-HS-1) in the Feedwater System disconnected from the pipe collar and empty of fluid.

This snubber is a special Fig. 201 Grinnell Hydraulic Shock and Sway Suppressor, size 2 1/2 inches with a 5 inch stroke.

Vibration in the feedwater pipe had loosened the nut on the bottom of the pipe collar, eventually causing it to drop off. This allowed the hydraulic snubber to disconnect from the collar. A failed piston cylinder teflon o-ring resulted in the fluid loss.

In accordance with the requirement of Technical Specification 3.6.4d, the snubber was replaced prior to reactor startup. This condition resulted in minimal safety implications.

Very truly yours,

ORIGINAL SIGNED BY R.R. SCHNEIDER

R.R. Schneider
Vice President -
Electric Production

mtm



11
12

13
14