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SESSION NBR: 7912270259 DOC. DATE: 79/12/21 NOTARIZED: NO DOCKET #
 FACIL: 50-220 Nine Mile Point Nuclear Station, Unit 1, Niagara Powe 05000220
 AUTH. NAME: BARTLETT, J. AUTHOR AFFILIATION: Niagara Mohawk Power Corp.
 RECIP. NAME: IPPOLITO, T.A. RECIPIENT AFFILIATION: Operating Reactors Branch 3 (Pre 790625)

SUBJECT: Responds to NRC 790918. ltr re loss of offsite power events.
 One event occurred on 731117 during which all power lost
 causing failure of one 115 kv line.

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 TITLE: Onsite Emergency Power Systems

NOTES:

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	12 TA/EDO	1	1	13 I&E	2	2
	15 OELD	1	1	16 MPA	1	1
	17 AUXIL SYS BR	1	1	18 I&C SYS BR	1	1
	20 ENGR BR	1	1	21 REAC SFTY BR	1	1
	22 PLANT SYS BR	1	1	23 ADV REAC BR	1	1
	24 PWR SYS BR	1	1	25 WAMBACH T	1	1
	26 TONDI, D	1	1	27 MCDONALD, D	1	1
	29 BRYNKMAN	1	1	30 EEB	1	1
	S HANAUER	1	1			
EXTERNAL:	03 LPDR	1	1	04 NSIC	1	1
	31 ACRS	16	16			

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December 21, 1979

Director of Nuclear Reactor Regulation
Attn: Mr. Thomas A. Ippolito, Chief
Operating Reactors Brand #3
U. S. Nuclear Regulatory Commission
Washington, D.C. 20555

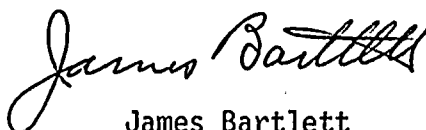
Re: Nine Mile Point Unit 1
Docket 50-220
DPR-63

Gentlemen:

Your letter of September 18, 1979, requested information regarding loss of offsite power events at Nine Mile Point Unit 1. The attachment to this letter addresses your request.

Very truly yours,

NIAGARA MOHAWK POWER CORPORATION



James Bartlett
Executive Vice President

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NINE MILE POINT UNIT 1

LOSS OF OFFSITE POWER EVENTS

An event occurred on November 17, 1973 in which there was a total loss of all offsite power at Nine Mile Point Unit 1. However, the event itself caused failure of only one 115kV line. The other 115kV line was out for maintenance. Additional details of this event are outlined in our November 21, 1973 letter.

I. For losses of all offsite power:

Question 1. How long was the power off? How long for partial recovery? Please give details.

Response

The unit remained without offsite power for ten (10) seconds until a breaker relay reclosed. This restored one 115kV line. The remaining line, which was out for maintenance, was back in service within five hours.

Question 2. If turbine trip occurred, how soon after did loss of offsite power occur?

Response

A turbine trip did not occur during the loss of offsite power event.

Question 3. If power was recovered promptly (10 minutes or less), was it due to automatic or manual actions?

Response

Power was restored automatically during the loss of offsite power event.

Question 4. Was any voltage increase or decrease experienced just prior to or during the outage? If so, please give details, voltages reached, affects, etc.

Response

A voltage increase or decrease was not experienced during the loss of offsite power event.

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Question 5. Was any frequency decay experienced just prior to or during the outage? If so, please give details, lowest frequency reached, decay rate, affects on equipment operation, etc.

Response A frequency decay was not experienced during the loss of offsite power event.

Question 6. Date of event.

Response November 17, 1973.

II. Were there any other loss of offsite power events other than we have listed? If so, please give details of each event.

There have been no other losses of offsite power at Nine Mile Point Unit 1 other than the November 17, 1973 event.