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 FACIL: 50-410 Nine Mile Point Nuclear Station, Unit 2, Niagara Moho 05000410  
 AUTH. NAME: AUTHOR AFFILIATION  
 MANGAN, C.V. Niagara Mohawk Power Corp.  
 RECIP. NAME: RECIPIENT AFFILIATION  
 SCHWENCER, A. NRC - No Detailed Affiliation Given

SUBJECT: Informs that Div I & II diesel generator air dryers will be installed per NRC Jan 1985 ltr. Measures to ensure excess moisture does not get into air start sys during preliminary tests stated. Concurrence requested by 850320.

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March 7, 1985

NMP2L 0363

Mr. A. Schwencer  
U.S. Nuclear Regulatory Commission  
Washington, D.C. 20555

RE: Nine Mile Point Unit 2  
Docket Number 50-410

Dear Mr. Schwencer:

Your letter dated January, 1985, requested Niagara Mohawk to install dryers on the Division I and Division II Diesel Generators at Nine Mile Point Unit 2.

This letter is provided to inform you that the Division I and Division II Diesel Generator air dryers will be installed in the near future. We estimate that it will be about 1 to 2 months depending on delivery time.

Your letter also requested that the dryers be installed prior to preoperational testing. During this month we are scheduled to perform some preliminary tests of the Division I and II Diesels. We discussed these matters with your staff on March 6, 1985. To ensure that excess moisture doesn't enter into the air start systems, we will perform the following measures until the dryers are installed:

The ambient temperature of the diesel generator room will be held below 60°F. By so doing, the maximum amount of water entrained as moisture in the supply air to the compressor will be .85lb/1000ft<sup>3</sup>. This air, when compressed and subsequently cooled back to 60°F, can only have .05lb/1000ft<sup>3</sup> of moisture entrained. The remaining moisture will appear as condensate in the air receiver tank. To ensure that only reasonably dry air is utilized for starting, a four hour holding time will be imposed after charging the air receivers. After the holding period, the condensate will be blown down prior to engine start. (See "Compressed Air & Gas Handbook")

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We would appreciate your concurrence to these measures by  
March 20, 1985.

Sincerely,

*C. V. Mangan*  
C.V. Mangan  
Vice President, Nuclear Engineering and Licensing

