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 FACIL: 50-410 Nine Mile Point Nuclear Station, Unit 2, Niagara Moha      05000410  
 AUTH. NAME      AUTHOR AFFILIATION  
 TERRY, C.D.      Niagara Mohawk Power Corp.  
 RECIP. NAME      RECIPIENT AFFILIATION  
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SUBJECT: Responds to NRC Bulletin 88-008 & Suppls 1 & 2 re review of RCS to identify any unisolatable piping.

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September 28, 1988  
NMP2L 1168

U.S. Nuclear Regulatory Commission  
Attn: Document Control Desk  
Washington, D.C. 20555

Re: Nine Mile Point Unit 2  
Docket No. 50-410  
NPF-69

Gentlemen:

This letter is in response to Nuclear Regulatory Commission Bulletin 88-08 and Supplements 1 and 2 which required Niagara Mohawk to review the Reactor Coolant System (RCS) to identify any connected unisolatable piping that could be subject to thermal stresses resulting from temperature oscillations induced by cold water leakage.

Niagara Mohawk reviewed those systems that operate at a higher pressure than the Reactor Coolant System. As a result of this review, we have determined that these systems do not contain any unisolatable piping potentially subject to thermal cycle fatigue from cold water leakage during normal plant operation. Certain plant systems, when in operation during surveillance testing, are at a higher pressure than the Reactor Coolant System and would have the potential for cold water leakage. These systems are isolated from the Reactor Coolant System by isolation valves that are leak rate tested. The duration and frequency of surveillance testing of these systems are such that the test time is insufficient to be a cause of thermal cycling fatigue stress. Systems in this category are the High Pressure Core Spray (CSH), Reactor Core Isolation Cooling (ICS), and Standby Liquid Control (SLS).

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The Control Rod Drive Hydraulic System, while at a higher pressure than the Reactor Coolant System, does not have the piping configuration described in Bulletin 88-08 that could cause thermal stresses from leaking valves.

Very truly yours,

NIAGARA MOHAWK POWER CORPORATION



C. D. Terry  
Vice President  
Nuclear Engineering and Licensing

LW/pns  
5668G

xc: Regional Administrator, Region I  
Mr. R. A. Capra, Director  
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UNITED STATES OF AMERICA  
NUCLEAR REGULATORY COMMISSION

In the Matter of ]  
Niagara Mohawk Power Corporation ] Docket No. 50-410  
(Nine Mile Point Unit 2) ]

AFFIDAVIT

C. D. Terry, being duly sworn, states that he is Vice President of Niagara Mohawk Power Corporation; that he is authorized on the part of said Corporation to sign and file with the Nuclear Regulatory Commission the documents attached hereto; and that all such documents are true and correct to the best of his knowledge, information and belief.

*C. D. Terry*

Subscribed and sworn to before me, a Notary Public in and for the State of New York and County of Onondaga, this 28th day of September, 1988.

*Diane R. Kimball*  
Notary Public in and for

Onondaga County, New York

DIANE R. KIMBALL  
Notary Public in the State of New York  
Qualified in Onondaga County No. 4933503  
My Commission Expires May 31, 1990

My Commission expires:

May 31, 1990



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