R[redacted]ULATORY INFORMATION DISTRI[redacted]TION SYSTEM (RIDS)

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AUTH. NAME AUTHOR AFFILIATION
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RECIP. NAME RECIPIENT AFFILIATION
Document Control Branch (Document Control Desk)

SUBJECT: Forwards requests for exemption 10CFR50.55a(h) to permit operation of Unit 2 until permanent resolution satisfactory to NRC of any isolation device issues for neutron monitoring achieved on generic basis.

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NIAGARA MOHAWK

NIAGARA MOHAWK POWER CORPORATION/301 PLAINFIELD ROAD, SYRACUSE, N.Y. 13212/TELEPHONE (315) 474-1511

June 23, 1987
(NMP2L 1057)

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

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

Gentlemen:

As a result of a recent request of the Nuclear Regulatory Commission (NRC) staff, Niagara Mohawk Power Corporation (NMPC) reviewed the application of IEEE-279 isolation criteria to the General Electric (GE) scope of supply at Nine Mile Point Unit 2 (NMP2). The neutron monitoring system was reviewed as part of this overall effort. With regard to that system, certain devices used for isolation purposes were determined not to be consistent with the current Nuclear Regulatory Staff's interpretation of IEEE-279. The initial assessment of the neutron monitoring system design to the criteria of IEEE-279 is contained in General Electric Topical Report NEDO-10139, "Compliance of Protection Systems to Industry Criteria," which was submitted to the Nuclear Regulatory Commission in June 1970. This document has served as the basis for the acceptability of the design of the neutron monitoring system.

As a result of the recent staff position, General Electric has prepared a Failure Modes and Effects Analysis (FEMA) demonstrating that the failure of the isolation devices currently used at Nine Mile Point Unit 2 would not prevent the system from performing its required safety-related functions (see Attachment 2). The neutron monitoring system design and equipment is the same as that supplied for other recently licensed BWRs. (See Attachment 1 - letter from General Electric to Nuclear Regulatory Commission dated June 22, 1987.) Several approaches for resolution of this matter, if required, are also discussed in Attachment 1.



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Based on the above, Niagara Mohawk requests an exemption to 10 CFR 50.55a(h) to permit interim operation of Nine Mile Point Unit 2 until a permanent resolution satisfactory to the Nuclear Regulatory Commission staff of any isolation device issues for the neutron monitoring system is achieved on a generic basis. Niagara Mohawk will implement any neutron monitoring system modifications that are generically imposed on similarly designed boiling water reactors. The exemption request is provided as Attachment 3 to this letter.

Very truly yours,

NIAGARA MOHAWK POWER CORPORATION

C V Mangan

C. V. Mangan
Senior Vice President

PEF/pns
3356G
Attachment

xc: Regional Administrator, Region I
Mr. R. A. Capra, Director
Mr. J. D. Neighbors, Project Manager
Mr. W. A. Cook, Resident Inspector

UNITED STATES OF AMERICA
NUCLEAR REGULATORY COMMISSION

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

AFFIDAVIT

C. V. Mangan, being duly sworn, states that he is Senior 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 V Mangan

Subscribed and sworn to before me, a Notary Public in and for the State of New York and County of Onondaga, this 23rd day of June, 1987.

Mary Frateschi
Notary Public in and for
Onondaga County, New York

My Commission expires:
MARY FRATESCHI
Notary Public in the State of New York
Qualified in Onondaga County No. 4797550
My Commission Expires June 30, 1989