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 FACIL: 50-410 Nine Mile Point Nuclear Station, Unit 2, Niagara Moha 05000410
 AUTH. NAME: MANGAN, C.V. AUTHOR AFFILIATION: Niagara Mohawk Power Corp.
 RECIP. NAME: EISENHUT, D.G. RECIPIENT AFFILIATION: Division of Licensing

SUBJECT: Forwards response to 821217 request for info re emergency response capabilities. Affidavit encl.

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April 14, 1983
(6438)

Darrell G. Eisenhut, Director
Division of Licensing
Office of Nuclear Reactor Regulation
U.S. Nuclear Regulatory Commission
Washington, DC 20555

Dear Mr. Eisenhut:

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

Your December 17, 1982 letter requested information regarding Nine Mile Point Unit 2 Emergency Response Capabilities. Specifically, the letter asked for schedule and status information regarding:

1. Development of procedures for Transients and Accidents
2. Control Room Design Review
3. Plant Safety Parameter Display Console
4. Emergency Support Facilities
5. Response to Regulatory Guide 1.97, Revision 2

Enclosure 1 to this letter provides the requested information.

Very truly yours,

C. V. Mangan

C. V. Mangan
Vice President
Nuclear Engineering & Licensing



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Enclosure 1

1. Development of Procedures for Transients and Accidents

The generic procedure guidelines and procedures generation package will be submitted to the NRC by June 1984. This will include plant specific technical guidelines, validation program, writer's guide and a description of the training program. The emergency operating procedures will be implemented at fuel load, and a training program will be incorporated into the Final Safety Analysis Report section 13.2.

2. Control Room Design Review

The control room design review process is described in Section 1.10 of the Final Safety Analysis Report. The program plan will be submitted by June 1984. The control room design review will be conducted in the fourth quarter of 1984. The summary report will be submitted in January 1985.

3. Plant Safety Parameter Display Console

The safety parameter display system is a system which is part of the Emergency Response Facilities Data Acquisition System currently under development for Unit 2.

The purpose of the safety parameter display system is to assist control room personnel in evaluating the safety status of the plant. The safety parameter display system will provide a continuous indication of key plant safety parameters in the control room. The display includes colorgraphic cathode ray tubes and keyboards.

The display formats and information content will be consistent with the Level I and Level II displays defined by the BWR Owners Group Committee on control room improvements and as refined in the final report (Sandia Contract No. 61-9146) titled BWR Graphics Display Systems Dynamic Screening Program, dated February 1982, prepared by Science Application, Inc. for Sandia National Laboratories. The basis for parameter selection is Regulatory Guide 1.97, Revision 2.

A verification and validation program will be conducted during the preoperational test currently scheduled for October 1984. The Final Safety Analysis Report will be amended to reflect the basis of parameter selection and provide details of the safety parameter display system implementation plan two months prior to the initiation of the pre-implementation review with the NRC. Niagara Mohawk Power Corporation requests a pre-implementation review by the NRC in the fourth quarter of 1984. The scope and details of the review will be coordinated with the NRC Project Manager. The safety parameter display system will be operable by April 15, 1985, and certain operators will be trained in the use of the safety parameter display system in preparation for the Unit 2 Emergency Drill. The safety parameter display system will be considered during the control room design review scheduled to be performed in the fourth quarter of 1984. The safety parameter display system will be incorporated in the emergency operating procedures prior to the Emergency Drill.

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4. Emergency Support Facilities

The Emergency Support Facilities are described in the emergency plan submitted with the Final Safety Analysis Report (Section 13.3 and Appendix 13B). The facilities will be fully functional six months prior to fuel load.

5. Response to Regulatory Guide 1.97, Revision 2

Regulatory Guide 1.97, Revision 2 is addressed in Section 1.8 of the FSAR. Further information will be provided in an amendment to the Final Safety Analysis Report which will be submitted December 31, 1984.

SECRET

1. The purpose of this document is to provide information on the status of the project. The information is classified as SECRET.

2. The information is classified as SECRET.

3. The information is classified as SECRET.

UNITED STATES OF AMERICA
NUCLEAR REGULATORY COMMISSION

In the Matter of)
Niagara Mohawk Power Corporation)
(Nine Mile Point Unit 2))

Docket No. 50-410

AFFIDAVIT

C. V. Mangan, 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. V. Mangan

Subscribed and sworn to before me, a Notary Public in and for the State of New York and County of Onondaga, this 14~~th~~ day of April, 1983.

Gail M. Ahern
Notary Public in and for
Onondaga County, New York

My Commission expires:

March 30, 1985

GAIL M. AHERN
Notary Public in the State of New York
Qualified in Onondaga County
My Commission Expires March 30, 1985



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