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 FACIL: 50-410 Nine Mile Point Nuclear Station, Unit 2, Niagara Moha 05000410
 AUTH. NAME AUTHOR AFFILIATION
 MANGAN, C.V. Niagara Mohawk Power Corp.
 RECIP. NAME RECIPIENT AFFILIATION
 SCHWENCER, A. Licensing Branch 2

SUBJECT: Responds to 841105 request for info re control of heavy loads for facility. Info should be sufficient to close out SER Open Item 74 & will be included in Amend 17 to FSAR.

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 TITLE: Licensing Submittal: Control of Heavy Loads Near Spent Fuel (USI A-36)

NOTES: PNL 1cy FSAR'S & AMDTS ONLY. 05000410

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EXTERNAL:	LPDR	03	1	1	NRC PDR	02	1	1
	NSIC	05	1	1	NTIS		1	1
NOTES:			1	1				

November 30, 1984
(NMP2L 0265)

Mr. A. Schwencer, Chief
Licensing Branch No. 2
Division of Licensing
Office of Nuclear Reactor Regulation
U.S. Nuclear Regulatory Commission
Washington, DC 20555

Dear Mr. Schwencer:

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

Your November 5, 1984 letter requested information on the control of heavy loads for Nine Mile Point Unit 2. The attached information responds to your requests and should be sufficient to close out Safety Evaluation Report Open Item No. 74.

This information will be included in Final Safety Analysis Report Amendment 17.

Very truly yours,

C. V. Mangan

C. V. Mangan
Vice President
Nuclear Engineering & Licensing

NLR:ja
Attachment
xc: R. A. Gramm, NRC Resident Inspector
Project File (2)

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PDR ADDCK 05000410
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THE UNIVERSITY OF CHICAGO
DEPARTMENT OF CHEMISTRY
5780 S. UNIVERSITY AVENUE
CHICAGO, ILLINOIS 60637
TEL: 773-936-3700

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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 Onandaga, this 30th day of November, 1984.

Christine Austin
Notary Public in and for
Onandaga County, New York

My Commission expires:

CHRISTINE AUSTIN
Notary Public in the State of New York
Qualified in Onondaga Co. No. 4787687
~~My Commission Expires March 30, 1985~~

CHRISTINE ALSTIN
Police in the State of New York
Quoted in Quotations Co. No. 430187
The Commission Expires March 30, 19

NRC POSITION

Information on the selection of lifting devices not specially designed which provides stress allowance based on maximum static plus dynamic loads and, special identification labeling of any sling committed to a dedicated crane load service.

RESPONSE

Table 3-1 in the report (submitted July 10, 1984) represents overhead handling systems which carry heavy loads over safe shutdown equipment. All lifting devices for these cranes will be designed for the static load and additional impact loading as specified in CMAA-70. These lifting devices will be tested and properly identified.

THE UNIVERSITY OF CHICAGO
DEPARTMENT OF CHEMISTRY
5800 S. UNIVERSITY AVENUE
CHICAGO, ILLINOIS 60637

RECEIVED
JAN 15 1964
FROM
DR. J. H. GOLDSTEIN
100-108000-1000

NRC POSITION

The application of special lifting device design stresses that provides for the maximum static plus dynamic loading.

RESPONSE

The specially designed lifting devices used for handling heavy loads contain dual-load paths consisting of primary and redundant strongbacks and sling assemblies. Each load path is designed to support three times the weight of the load being handled without exceeding the yield strength of any component. This provides a 200 percent margin to account for dynamic effects. The design of these devices is consistent with the guidelines of ANSI N14.6.



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NRC POSITION

Development of procedures incorporating safe load path identification system used for the facility.

RESPONSE

NMPC will incorporate the requirement of a signalman in the load handling party. The duties of the signalman and the crane operator will be clearly defined in the load handling procedures.

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NRC POSITION

Adapt a system or method of marking safe load paths that is consistent with NUREG 0612.

RESPONSE

NMPC has reviewed "synopsis of issues associated with NUREG 0612 - Guide Line 1 - Safe Load Paths." NMPC will designate a second party member (signalman) to be responsible to assure that designated safe load paths are followed. Safe load paths will be marked on drawings and included in load handling procedures. These procedures will clearly define the duties and responsibilities of each member of the load handling party.



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