UNITED STATES
ATOMIC ENERGY COMMISSION
WASHINGTON, D.C. 20545

June 13, 1973

Files (Docket No. 50-220)
THRU: D. L. Ziemann, Chief, ORB #2, L

SUMMARY OF MEETING WITH NIAGARA MOHAWK REGARDING ACCESS PLATFORM ON REFUELING BRIDGE

A meeting was held on June 6, 1973, in Bethesda, Maryland, with representatives of Niagara Mohawk Power Corporation (NMPC) and their vendor, Transfer Systems Inc. (TSI), to discuss details of a proposed design for an access platform to be suspended from the refueling bridge at Nine Mile Point Unit 1 (NMP-1) facility. A list of attendees is enclosed.

The licensee described the proposed design by TSI for the access platform. It consists of a main platform connected by two telescoping sections to the refueling bridge structure and includes two winch hoists such that either one can raise the platform. The purpose of the platform is to expedite the refueling operation and improve personnel safety. It would aid in the removal and replacement of the drywell and reactor vessel heads and also in washing the reactor cavity walls to remove radioactive contamination and thereby reduce radiation doses to personnel working in the cavity.

The modifications to NMP-1 for incorporation of the access platform would be in two major steps. One involves the refueling bridge and would include stiffening the walkway, changing the truck girders and both front and rear wheels, and the addition or change of structural members of the bridge to accommodate the platform. The second step involves the incorporation of the platform to the bridge.

The following items summarize the main considerations identified and discussed during the meeting:

1. The access platform will add about 15,000 lbs to the refueling bridge structure and the question is whether the bridge structure can adequately support the load. The modification also changes the other loads on the bridge structure.

2. A static stress analysis only has been made of the bridge and platform.

3. The refueling bridge is not a Class I structure or component.

4. Applicable criteria, including codes, were identified for guidance in the design.

Additional information regarding these items will be required. The licensee was advised that we would transmit our questions to him within thirty days.

C. J. DeBevec
Operating Reactors Branch #2
Directorate of Licensing

Enclosure:
List of Attendees

cc w/enclosure:
AEC PDR
Local PDR
RP Reading
L Reading
RP/TR Assistant Directors
TJCarter
RP/TR Branch Chiefs
JMHendrie
MRosen
CJDeBevec
JCarson
AGluckman
RO (3)
RMDiggs

LIST OF ATTENDEES

MEETING OF JUNE 6, 1973, WITH

NIAGARA MOHAWK ON ACCESS PLATFORM

Niagara Mohawk

C. Mangan
L. Marino
A. Tills
E. Treadwell

Transfer Systems Inc.

I. Husain
A. Yoli

AEC - Licensing

J. Carson
C. DeBevec
A. Gluckmann

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RO (3)
RMDiggs

OFFICE ▶	ORB #2:L	ORB #2:L	ORB #2:L	ORB #2:L		
SURNAME ▶	CJDeBevec:bsp	~~JJShea~~	RDiggs	DLZiemann		
DATE ▶	6/12/73	6/ /73	6/12/73	6/12/73		