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 MANGAN, C.V.      Niagara Mohawk Power Corp.  
 RECIP. NAME:      RECIPIENT AFFILIATION  
 VASSALLO, D.B.      Operating Reactors Branch 2

SUBJECT: Application to amend License DPR-63, consisting of revised pages to Tech Specs re triple low reactor water level setpoint change. Changes involve replacing 147.1 inch indicator scale w/ -10 inch indicator scale.

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1918

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1918

ARTICLE		SECTION		CHAPTER		TITLE	
NO.	DESCR.	NO.	DESCR.	NO.	DESCR.	NO.	DESCR.
1		1		1		1	
2		2		2		2	
3		3		3		3	
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April 2, 1984

Director of Nuclear Reactor Regulation  
Attention: Mr. Domenic B. Vassallo, Chief  
Operating Reactors Branch No. 2  
Division of Licensing  
U.S. Nuclear Regulatory Commission  
Washington, D.C. 20555

Re: Nine Mile Point Unit 1  
Docket No. 50-220  
DPR-63

Dear Mr. Vassallo:

Our May 22, 1980 letter provided an application for an amendment to Operating License DPR-63 that incorporated a recommendation of General Electric Service Information Letter (SIL) 299 "High Drywell Temperature Effect on Reactor Vessel Water Level Instrumentation." That application involved adjusting the triple low reactor water level setpoint 20 inches to conservatively account for possible differences in actual to indicated water level. Raising the setpoint 20 inches resulted from Niagara Mohawk's evaluation of the recommendations contained in the General Electric SIL 299. The adjusted setpoint was established at 6 feet, 3 inches below minimum normal water level 302 feet, 9 inches (147.1 inches indicator scale).

Subsequent to the May 22, 1980 application, by letter dated August 5, 1980, Niagara Mohawk submitted another application for an amendment to the Technical Specifications. This latter submittal affected the same pages as the May 22, 1980 submittal. That application involved revising the indicator scale readings to provide a common reference level for vessel instrumentation as outlined in NUREG 0737 Item II.K.3.27. The triple low reactor water level indicator scale value was changed from 147.1 inches to -10 inches.

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THE UNITED STATES OF AMERICA  
DOPARTMENT OF JUSTICE  
FEDERAL BUREAU OF INVESTIGATION  
WASHINGTON, D. C. 20535

MEMORANDUM FOR THE DIRECTOR  
FROM: SAC, [illegible]  
SUBJECT: [illegible]

DATE: [illegible]

[The following text is extremely faint and largely illegible due to the quality of the scan. It appears to be a multi-paragraph memorandum report.]

Amendment 45 was subsequently issued in response to the August 5, 1980 submittal. However, the triple low reactor water level setpoint was stated as being 7 feet, 11 inches (-30 inches indicator scale). Our May 22, 1980 application correctly states the triple low setpoint at 6 feet, 3 inches but includes the old indicator scale values. Therefore, Niagara Mohawk intends to supplement and clarify our outstanding May 22, 1980 submittal with the attached revised Technical Specification pages. As noted below, the changes involve replacing the 147.1 inches indicator scale with the -10 inches indicator scale. The following pages should be replaced in their entirety with the attached revised pages. Revisions have been indicated with marginal revision bars.

1. Replace pages 6, 13, 53a, 59, 159 and 213 of our May 22, 1980 submittal with the attached revised pages 6, 13, 53a, 59, 159 and 213. The revision involves changing the 147.1 inches indicator scale value to -10 inches. In addition, the second paragraph on page 13 was revised to include an explanation of why the triple low setpoint was changed.
2. Replace page 52 of our current Technical Specifications with the attached revised page 52. The revision involves changing the 7 feet, 11 inches and -30 inches indicator scale to 6 feet, 3 inches and -10 inches indicator scale, respectively. This page was inadvertently omitted from the May 22, 1980 application.
3. Replace page 20 in our May 22, 1980 submittal with the attached revised page 20. The reference number for General Electric SIL 299 should now be 14 because of a previous amendment that contained a number 13 reference.

The current Technical Specifications list the triple low setpoint to be 7 feet, 11 inches (-30 inches indicator scale). The actual instrumentation is set at 6 feet, 3 inches (-10 inches indicator scale). The higher triple low trip setting is more restrictive, and therefore, in the conservative direction.

This proposed revision to the May 22, 1980 Technical Specification change regarding the triple low reactor water level setpoint change involves no significant hazard considerations. Therefore, the operation of Nine Mile Point Unit 1 in accordance with the proposed amendment will not 1) involve a significant increase in the probability or consequences of an accident previously evaluated, 2) create the possibility of a new or different kind of accident from any accident previously evaluated, or 3) involve a significant reduction in a margin of safety. This determination is based on the following analysis.

The revision is being submitted to achieve consistency with the actual instrumentation scales at Nine Mile Point Unit 1. This change in indicator scale was previously approved by your staff in Amendment 45 dated June 1, 1981. This proposed determination is supported by the fact that the requested action corresponds with example (i) of the Sholly Rule published in the Federal Register on April 6, 1983, which involves a change to achieve consistency, correction of an error or a change in nomenclature.

The first part of the report deals with the general situation in the country. It is noted that the economy is in a state of stagnation and that the government has failed to implement the necessary reforms. The report also mentions that the political situation is unstable and that there is a risk of a military takeover.

The second part of the report discusses the social and cultural aspects of the country. It is noted that the population is growing rapidly and that there is a high level of unemployment. The report also mentions that the education system is in a state of decline and that there is a lack of investment in infrastructure.

The third part of the report deals with the international relations of the country. It is noted that the country has a poor reputation and that it is isolated from the international community. The report also mentions that the country has a large foreign debt and that it is unable to service it.

The fourth part of the report discusses the future prospects of the country. It is noted that the country has a long way to go and that it needs to implement a comprehensive reform program. The report also mentions that the country has a large potential and that it could become a major power in the region.

April 2, 1984  
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The information contained in this submittal has been reviewed and approved by the Site Operations Review Committee and the Safety Review and Audit Board.

Sincerely,

NIAGARA MOHAWK POWER CORPORATION

*C. V. Mangan*

C. V. Mangan  
Vice President

Nuclear Engineering and Licensing

CVM/MTG:djm  
Attachments

THE UNIVERSITY OF CHICAGO

PHYSICS DEPARTMENT

PHYSICS 311  
LECTURE 10

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