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 FACIL: 50-220 Nine Mile Point Nuclear Station, Unit 1, Niagara Powe 05000220
 AUTH. NAME AUTHOR AFFILIATION
 MANGAN, C.V. Niagara Mohawk Power Corp.
 RECIP. NAME RECIPIENT AFFILIATION
 VASSALLO, D.B. Operating Reactors Branch 2

SUBJECT: Summarizes effect of change on control room habitability
 summary rept (Rev 1), submitted to NRC on 840319, in response
 to request. Total dose to thyroid following main stream line
 break remains below SRP control room dose guidelines.

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June 8, 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:

This letter provides information in response to a request by members of your staff regarding a design change to the Control Room Ventilation System. Summarized below is the effect of the change on the Control Room Habitability Summary Report (Revision 1) submitted to the Nuclear Regulatory Commission on March 19, 1984.

During installation of modifications to the Nine Mile Point Unit 1 Control Room Ventilation System, a field design change was necessary to ensure the operability of the ventilation intake radiation monitors. These monitors automatically initiate the emergency air treatment ventilation loop. In particular, the change was the addition of a five (5) second delay circuit to the radiation monitors' logic. The change eliminates spurious initiation of the emergency air treatment ventilation loop due to an unidentifiable circuit voltage peak. In addition, a review was undertaken to determine the impact of the five (5) second delay on the post-Design Basis Accident Control Room Doses included in our Control Room Habitability Summary Report (Revision 1).

The limiting case of the control room doses is the thyroid dose following a main steam line break. The current estimated results of our review using conservative assumptions indicates that the total dose to the thyroid following a main steam line break remains significantly below Standard Review Plan control room dose guidelines.

Sincerely,

NIAGARA MOHAWK POWER CORPORATION

C. V. Mangano
C. V. Mangano
Vice President

Nuclear Engineering and Licensing

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THE UNITED STATES DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
WASHINGTON, D. C.

OFFICE OF THE ASSISTANT ATTORNEY GENERAL
WASHINGTON, D. C.

MEMORANDUM

TO: THE ASSISTANT ATTORNEY GENERAL
FROM: THE BUREAU OF LAND MANAGEMENT
SUBJECT: [Illegible]

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Very truly yours,

[Illegible signature]

[Illegible text]

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