

REGULATORY INFORMATION DISTRIBUTION SYSTEM (RIDS)

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 FACIL: 50-220 Nine Mile Point Nuclear Station, Unit 1, Niagara Power 05000220
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 LEMPGES, T. EI. Niagara Mohawk Power Corp.
 RECIP. NAME: RECIPIENT AFFILIATION
 IPPOLITO, T. A. Operating Reactors Branch 2

SUBJECT: Requests extension of time from 810930 to 811230 for completion of mods in ventilation sys for smoke purge. Equipment will be installed by 811101.

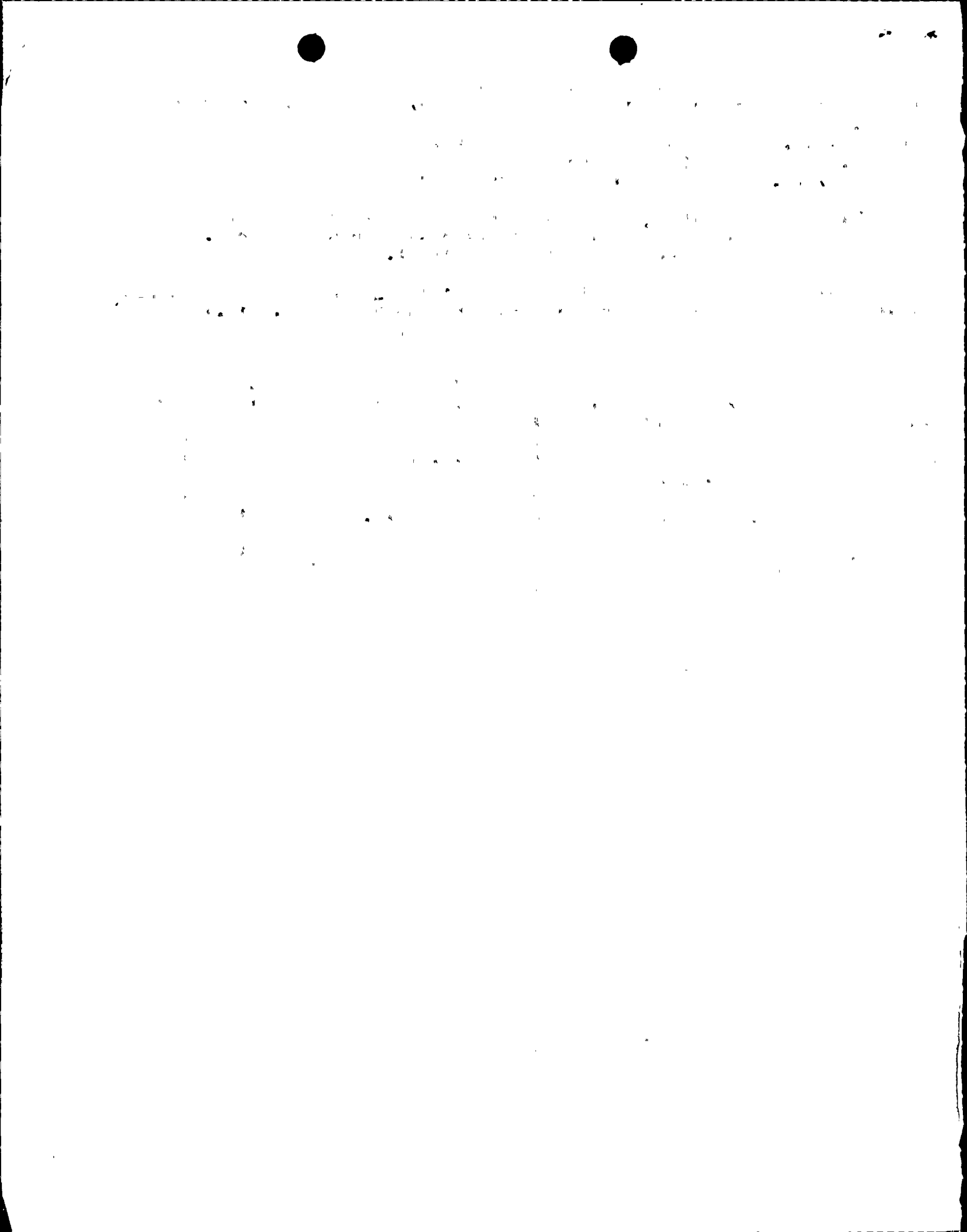
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 TITLE: Fire Protection Information (After Issuance of OP. Lic.)

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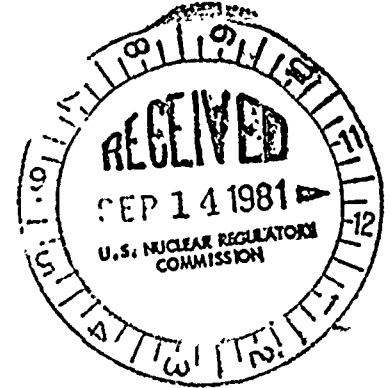
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September 11, 1981

Mr. Thomas A. Ippolito
Chief Operating Reactors Branch No. 2
U.S. Nuclear Regulatory Commission
Washington, D.C. 20555

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



Dear Mr. Ippolito:

Niagara Mohawk's letter of December 31, 1980, requested schedular relief for various fire protection modifications. Mr. H.R. Denton's letter of February 13, 1981 granted that request. Of the four modifications for which schedular relief was granted, three of the modifications are now completed. However, part of the fire detection system has not been completed. The purpose of this letter is to clarify Niagara Mohawk's situation relative to the detection system, and to request further schedular relief as outlined below.

The fire detection system consists of approximately 1,300 detectors, seven local fire panels, a new main control room fire panel, and various other panels for extinguishing systems. All of this equipment cannot be fully installed by September 30, 1981. It is estimated that all of this equipment will be installed by November 1, 1981. The system will be in the latter stages of preoperational testing which may extend beyond November 1, 1981. Niagara Mohawk's specific concern for not completing the preoperational test is the transfer of the foam water systems from the existing control room fire panel to the new control room panel. This transfer, and associated preoperational test, is required to automate these systems, per Section 4.3.1.6 of the Nine Mile Point Unit 1 Safety Evaluation Report. During these individual transfers, fire watches will be posted similar to the normal removal of one extinguishing system as allowed by Technical Specifications.

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

MEMORANDUM FOR THE DIRECTOR, FBI
FROM: SAC, NEW YORK (100-100000)
SUBJECT: [Illegible]

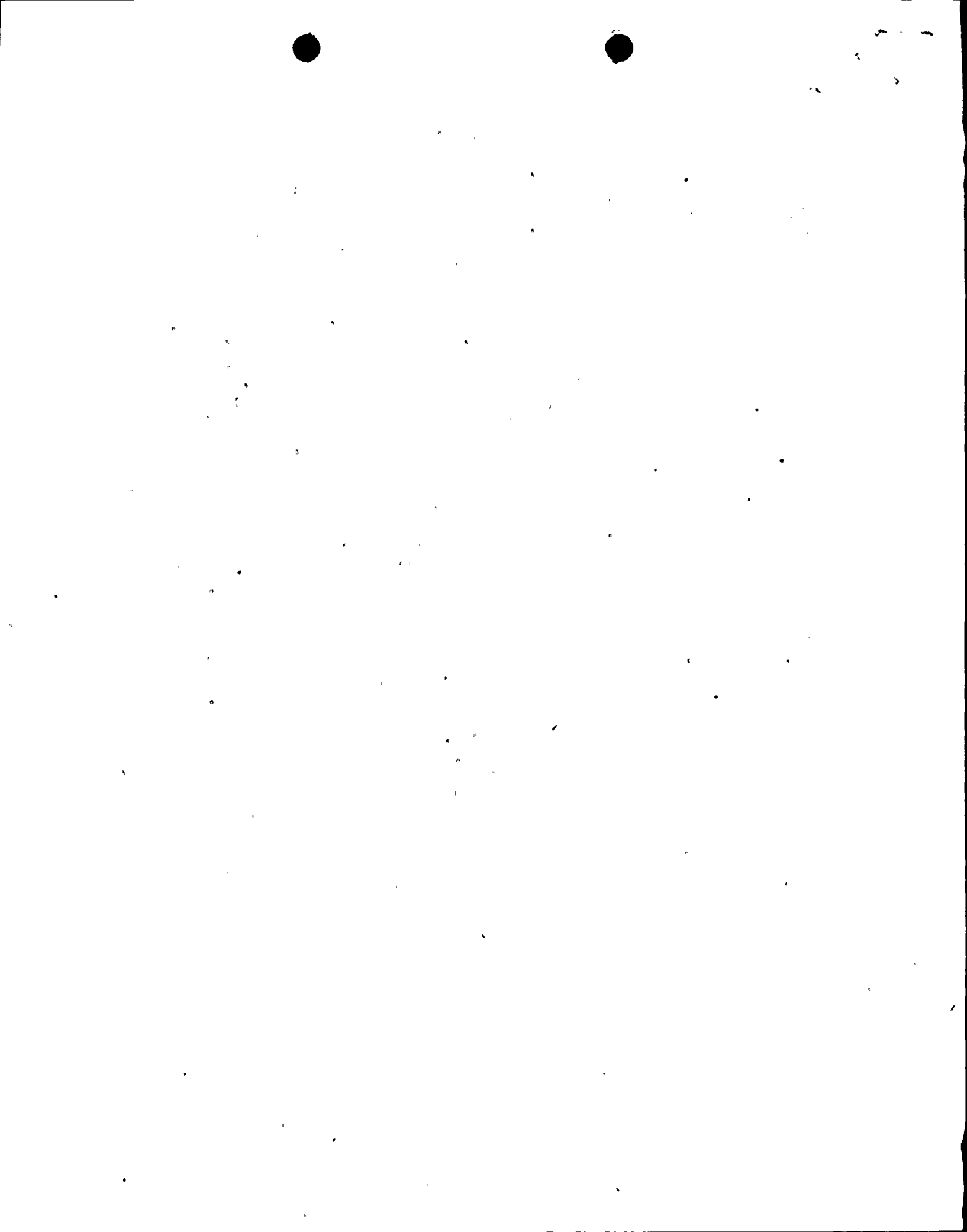
[The remainder of the memorandum body is illegible due to extreme fading and low resolution.]

The existing control room fire panel will continue to maintain control of certain extinguishing systems, such as the twelve CO₂ systems, after November 1, 1981. Since these systems were not required to be modified by the Safety Evaluation Report, and these function as designed from the existing panel, Niagara Mohawk does not believe that this mode of operation is in non-compliance with any Safety Evaluation Report requirements. At a later date, these systems will be transferred from the existing panel to the new panel, and the existing panel will be retired.

Most of the fire protection modifications required by Amendment 33 to the Nine Mile Point Unit 1 Facility Operating License, have been completed. These modifications include added sprinkler systems, modifications to ventilation systems for smoke removal and structural modifications for fire cut off. Niagara Mohawk has further revised administrative procedures for control of combustibles to prevent fires from starting. Based upon these modifications to equipment and procedures, Niagara Mohawk believes that the delay of detection and control system, as requested, will not affect public health and safety. The compensatory measures outlined in Mr. Denton's February 13, 1981 letter remain in effect.

Niagara Mohawk has made significant efforts to comply with the September 30, 1981 completion date. However, circumstances beyond our control prevented timely completion. The local panels were delivered later than scheduled by the manufacturer. This affected design as well as installation. The manufacturer issues drawings when a panel is completely fabricated. Niagara Mohawk's design could not be completed until these drawings were received. This has caused some delay in installation even when panels were delivered. Additionally, Niagara Mohawk ordered cable in January 1981 and the quoted delivery was March 1981. This cable was not completely delivered until after September 1, 1981, due to manufacturing problems. These equipment delivery problems are the main reason for this request for schedular relief.

Niagara Mohawk estimates that the ultimate cost of completing all the fire protection modifications will be \$13,800,000. Of this, \$5,300,000 is associated with the fire detection system. Of the \$5,300,000, approximately \$2,600,000 was expended in the past six months in an effort to expedite the installation. Contractors were hired in March of 1981 to supplement the plant maintenance forces for detector installation and wiring from the detector to the local panels. These efforts were fruitful in the initial phases of installation, but due to previously described equipment problems, these efforts had limited effectiveness in the latter portion of the installation.



September 11, 1981
Page 3

It is noted that the modifications in the ventilation system for smoke purge are now being operated by temporary panels or manual damper operation. Niagara Mohawk intends to control all of this equipment by the detection system, but this will not be completed until December 30, 1981. It is Niagara Mohawk's belief that the system as operated at this time, meets the requirements of the Safety Evaluation Report which accompanied Amendment 33.

Based upon the preceding information, Niagara Mohawk respectfully submits that schedular relief is justified and request that it be granted.

Very truly yours,



T. E. Lempges
Vice President, Nuclear Generation

GJG:bd

