

ATTACHMENT A

NIAGARA MOHAWK POWER CORPORATION

LICENSE NO. DPR-63

DOCKET NO. 50-220

Proposed Changes to Technical Specifications (Appendix A)

Replace page iia with attached revised page iia and add pages 24ii, 24ii2 and 24ii3. Page iia has been retyped in its entirety with marginal markings to indicate changes. Pages 24ii, 24ii2 and 24ii3 are additions.

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SECTION	DESCRIPTION	PAGE
3.6.5	Radioactive Material Sources	241k
3.6.6	Fire Detection	241m
3.6.7	Fire Suppression	241q
3.6.8	Carbon Dioxide Suppression System	241u
3.6.9	Fire Hose Stations	241y
3.6.10	Fire Barrier Penetration Fire Seals	241cc
3.6.11	Accident Monitoring Instrumentation	241ee
3.6.12	Reactor Protection System Motor Generator Set Monitoring	241ii1



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LIMITING CONDITION FOR OPERATION

SURVEILLANCE REQUIREMENT

3.6.12 REACTOR PROTECTION SYSTEM MOTOR GENERATOR SET MONITORING

Applicability:

Applies to the operability of instrumentation that provides protection of Motor Generator sets and the maintenance bus that supplies power to the reactor protection system and reactor trip system.

Objective:

To assure the operability of the instrumentation required for safe operation of the Motor Generator sets and the maintenance bus that supplies power to the reactor protection system and reactor trip system.

Specification:

- a. Except as specified in specifications b and c below, two protective relay systems shall be operable for each Motor Generator set and the maintenance bus.

4.6.12 REACTOR PROTECTION SYSTEM MOTOR GENERATOR SET MONITORING

Applicability:

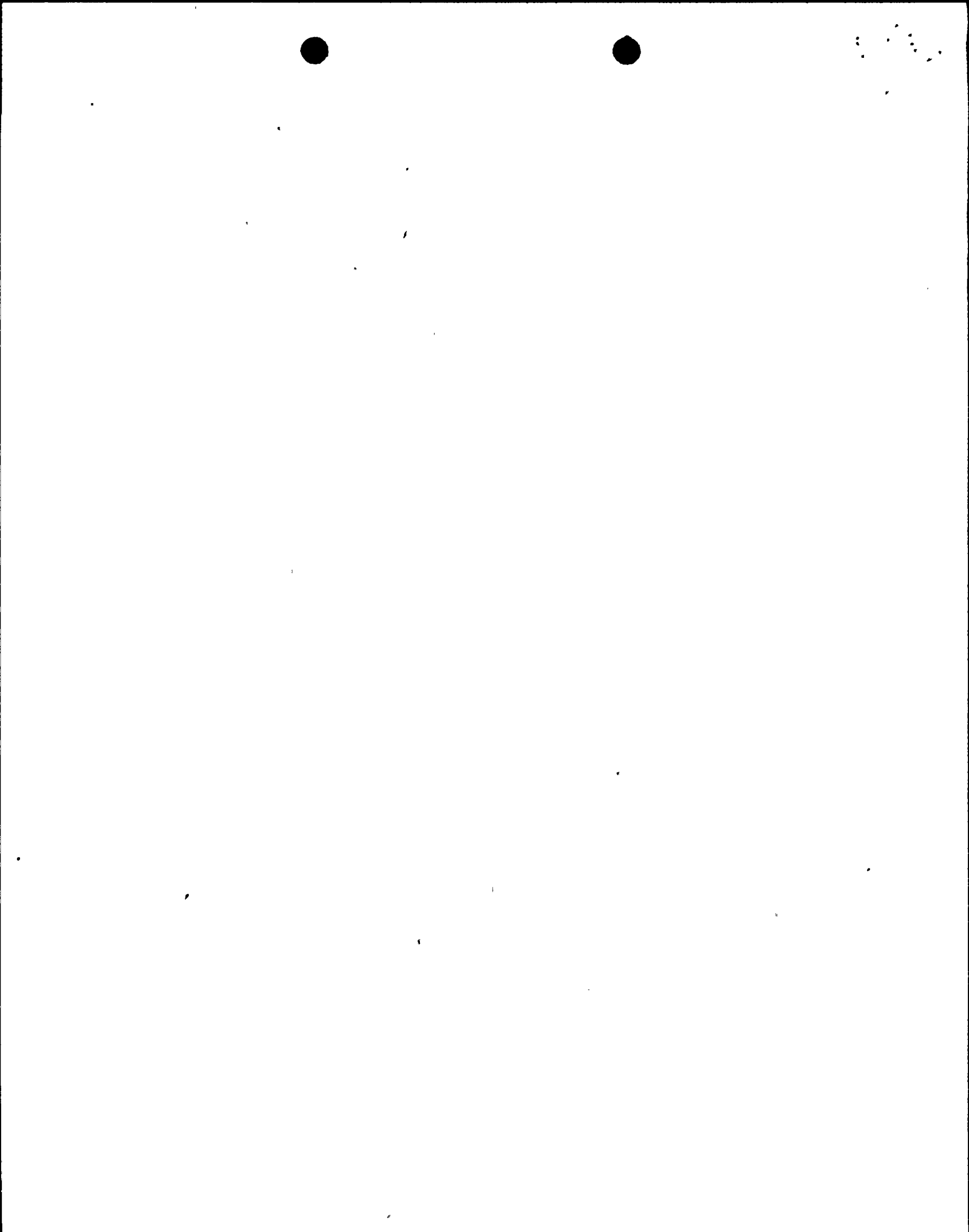
Applies to the surveillance of instrumentation that provides protection of the reactor protection Motor Generator sets and maintenance bus that supplies power to the reactor protection system and reactor trip system.

Objective:

To verify the operability of protection instrumentation on the Motor Generator sets and maintenance bus that supplies power to the reactor protection and reactor trip buses.

Specification:

- a. At least once every six months
Demonstrate operability of the over-voltage, undervoltage and under frequency protective instrumentation by performing an instrument channel test. This instrument channel test will consist of simulating abnormal Motor Generator Set conditions by applying from a test source, an overvoltage signal, an undervoltage signal and an underfrequency signal to verify that the tripping logic up to but not including the output contactors functions properly.



LIMITING CONDITION FOR OPERATION

3.6.12 REACTOR PROTECTION SYSTEM MOTOR GENERATOR SET MONITORING (cont'd)

Specification: (cont'd)

- b. With one protective relaying system inoperable, restore the inoperable system to an operable status within 72 hours or remove the Motor Generator set or maintenance bus from service.

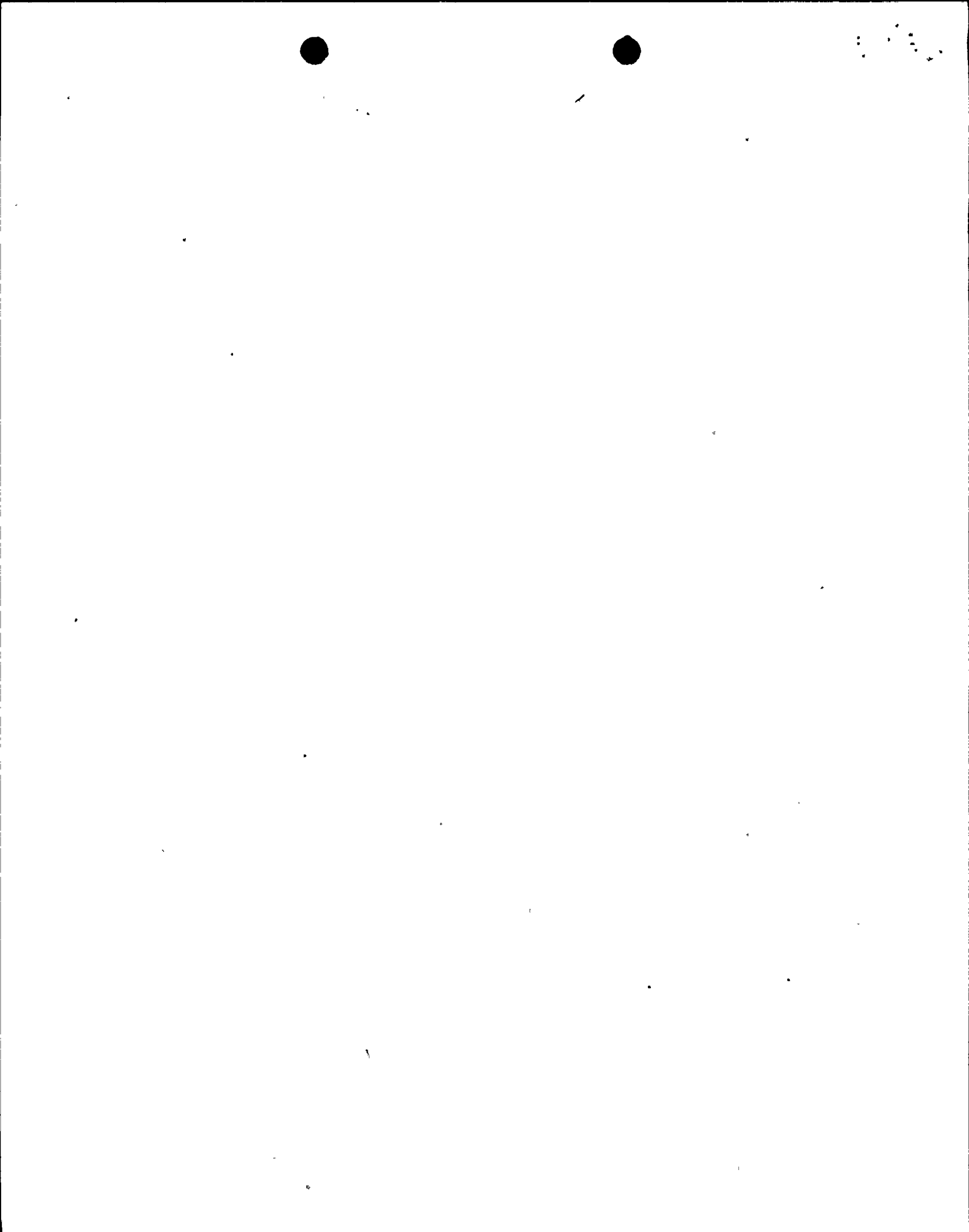
- c. With both protective relaying systems inoperable, restore at least one to an operable status within 30 minutes or remove the associated Motor Generator sets or maintenance bus from service.

SURVEILLANCE REQUIREMENT

4.6.12 REACTOR PROTECTION SYSTEM MOTOR GENERATOR SET MONITORING (cont'd)

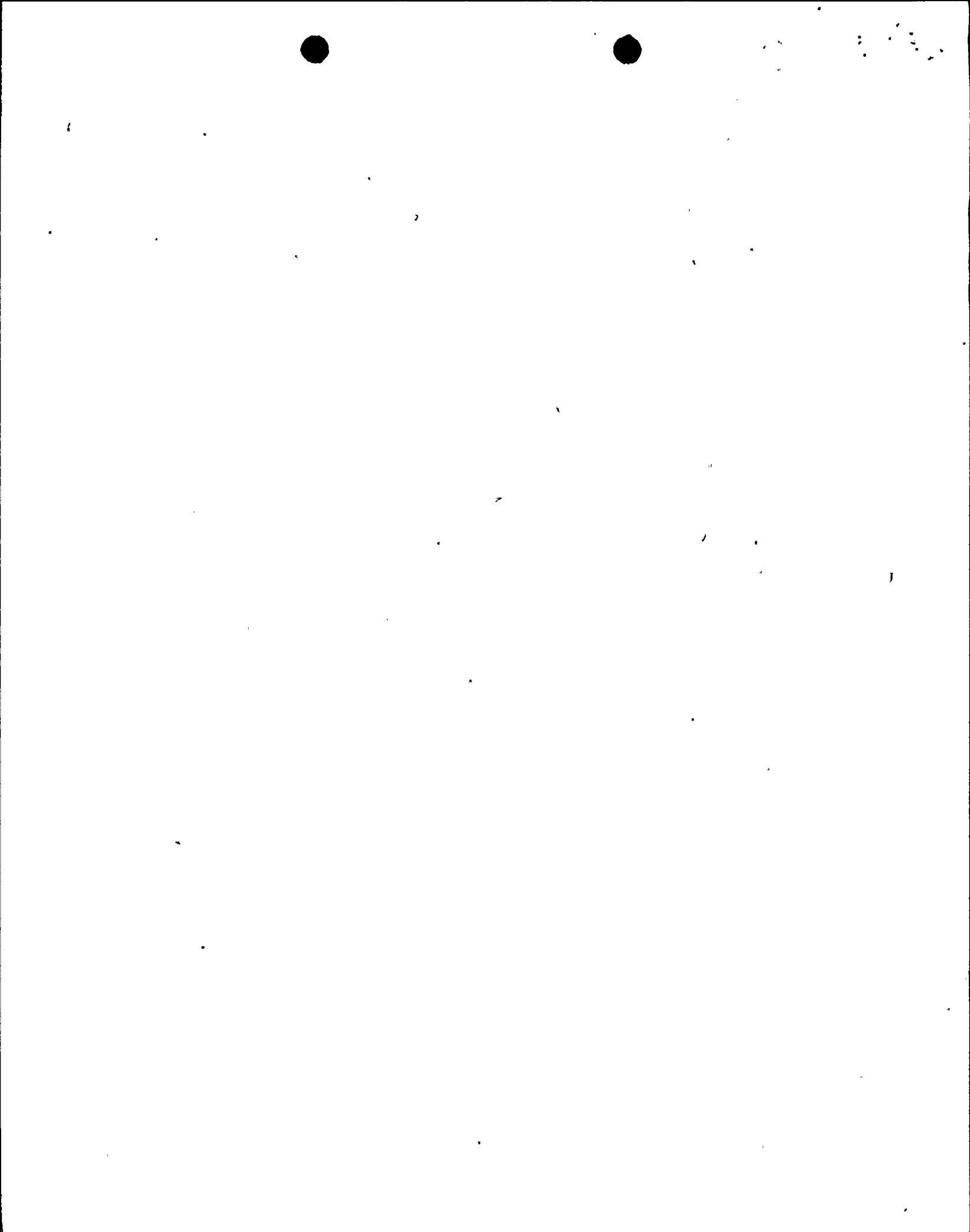
Specification:

- b. At least once per refueling cycle
Demonstrate operability of the over-voltage, undervoltage and under-frequency protective instrumentation by performing an instrument channel test. This instrument channel test will consist of simulating abnormal Motor Generator Set conditions by applying from a test source an over-voltage signal, an undervoltage signal and an underfrequency signal to verify that the tripping logic including the output contactors functions properly at least once. In addition, a sensor calibration will be performed to verify the following setpoints.
 - i. Overvoltage ≤ 132 volts, ≤ 4 seconds
 - ii. Undervoltage ≥ 108 volts, ≤ 4 seconds
 - iii. Underfrequency ≥ 57 hertz, ≤ 2 seconds



BASES FOR 3.6.12 and 4.6.12 REACTOR PROTECTION SYSTEM MOTOR GENERATOR SET MONITORING

To eliminate the potential for undetectable single component failure which could adversely affect the operability of the reactor protection system, protection relaying schemes installed on MG sets 131, 141, 162, 172 and maintenance bus 130, provide for overvoltage, undervoltage and underfrequency protection.



ATTACHMENT B

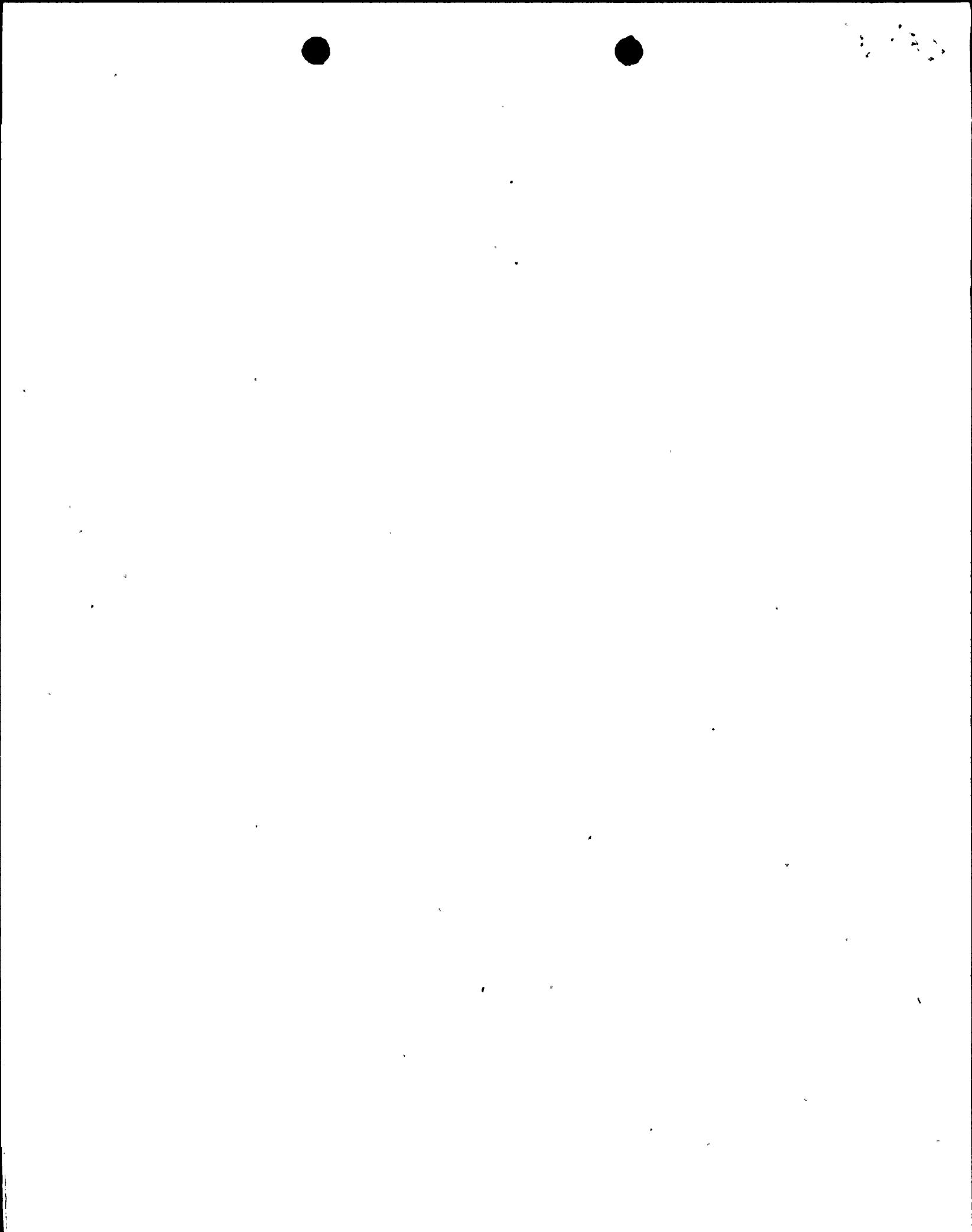
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Supporting Information

Pursuant to your August 7, 1978 and September 24, 1980 letters, we are installing protective relaying on the output side of the reactor protection and reactor trip bus motor generator sets. This provides for disconnecting the loads when setpoints as described in Attachment A are reached. Detailed information was submitted by us on December 1, 1982, July 22, 1983 and December 15, 1983.



ATTACHMENT C

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Amendment Classification

This proposed amendment to the Operating License has been requested by the NRC staff thereby requiring no fee pursuant to 10CFR170.22.



ATTACHMENT D

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No Significant Hazard Considerations Analysis

The proposed addition to the Technical Specification for the Nine Mile Point Unit 1, 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 proposed amendment provides for monitoring the output of the motor generator sets which supply power to the reactor protection system and reactor trip buses. This change constitutes an additional limiting condition for operating and surveillance requirements not currently included in the Technical Specifications. The proposed no significant hazards considerations determination stated above is supported by the fact that the requested changes correspond to example (ii) of the Sholly Rule published in the Federal Register on April 6, 1983.

