



UNITED STATES  
NUCLEAR REGULATORY COMMISSION  
WASHINGTON, D.C. 20555

November 17, 1992

Docket No. 50-220

Mr. B. Ralph Sylvia  
Executive Vice President, Nuclear  
Niagara Mohawk Power Corporation  
301 Plainfield Road  
Syracuse, New York 13212

Dear Mr. Sylvia:

SUBJECT: SAFETY EVALUATION AND REQUEST FOR ADDITIONAL INFORMATION REGARDING  
SEPTEMBER 18, 1992, RESPONSE TO SUPPLEMENT NO. 1 OF GENERIC LETTER  
87-02 (TAC NO. M69461)

By letter dated September 18, 1992, Niagara Mohawk Power Corporation (NMPC) submitted its response to Supplement No. 1 of Generic Letter 87-02, "Verification of Seismic Adequacy of Mechanical and Electrical Equipment In Operating Reactors, Unresolved Safety Issue (USI) A-46" for Nine Mile Point Nuclear Station Unit No. 1.

Supplement No. 1 to GL 87-02 required that all addressees provide, within 120 days of the issue date of the supplement, either a commitment to use both the Seismic Qualification Utility Group (SQUG) commitments and the implementation guidance described in the Generic Implementation Procedure, Revision 2 (GIP-2), as corrected on February 14, 1992, and as supplemented by the NRC staff's Supplemental Safety Evaluation Report No. 2 (SSER No. 2) on GIP-2, or else provide an alternative method for responding to GL 87-02. The supplement also required that those addressees committing to implement GIP-2 provide an implementation schedule, and provide the detailed information as to what procedures and criteria were used to generate the in-structure response spectra to be used for USI A-46. In addition, the staff requested in SSER No. 2 that the licensees inform the staff in the 120-day response if they intend to change their licensing basis to reflect a commitment to the USI A-46 (GIP-2) methodology for verifying the seismic adequacy of mechanical and electrical equipment prior to receipt of the staff's plant-specific safety evaluation resolving USI A-46.

The NRC staff has reviewed NMPC's September 18, 1992, submittal. Our evaluation of NMPC's submittal is contained in the attached safety evaluation (Enclosure 1). The NRC staff finds that NMPC's commitment to implement GIP-2, including clarifications, interpretations and exceptions identified in SSER No. 2, is an acceptable method for resolving USI A-46 at NMP-1. However, in addition to implementing the guidance provided in the August 21, 1992, SQUG letter, NMPC should also refer to Enclosure 2 to this letter which provides the NRC staff's response to the SQUG letter.

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Mr. B. Ralph Sylvia

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The NRC staff noted that NMPC did not indicate in its submittal that NMPC intended to change its licensing basis to reflect a commitment to the USI A-46 methodology prior to receipt of the staff's plant-specific safety evaluation. Therefore, NMPC is requested to submit, within 60 days of receipt of this letter, NMPC's intention with respect to changing the licensing basis for Nine Mile Point 1.

NMPC identified one exception in its September 18, 1992, submittal which involved the evaluation of neutron monitoring system. As discussed in the attached safety evaluation, this exception has been reviewed by the NRC staff and it is acceptable.

The NRC staff has reviewed and finds NMPC's plans to upgrade and reconcile the results of previous walkdown seismic reviews conducted in 1988 and 1989 with the provisions of GIP-2 acceptable. NMPC also stated that its USI A-46 implementation would be completed within the 3-year response period requested by the staff in Supplement No. 1 to GL 87-02 and is therefore acceptable.

Our review to date has disclosed that NMPC did not provide sufficient information regarding the development of the ground response spectrum (GRS) and the in-structure response spectra (IRS). Therefore, NMPC is requested to provide the additional information requested in the attached safety evaluation within 60 days of receipt of this letter.

The information requested by this letter is within the scope of the overall burden estimated in Generic Letter 87-02 for the SQUG program, which was a maximum of 120 person hours per owner response period. This request is covered by Office of Management and Budget Clearance Number 3150-0011, which expires May 31, 1994.

Sincerely,

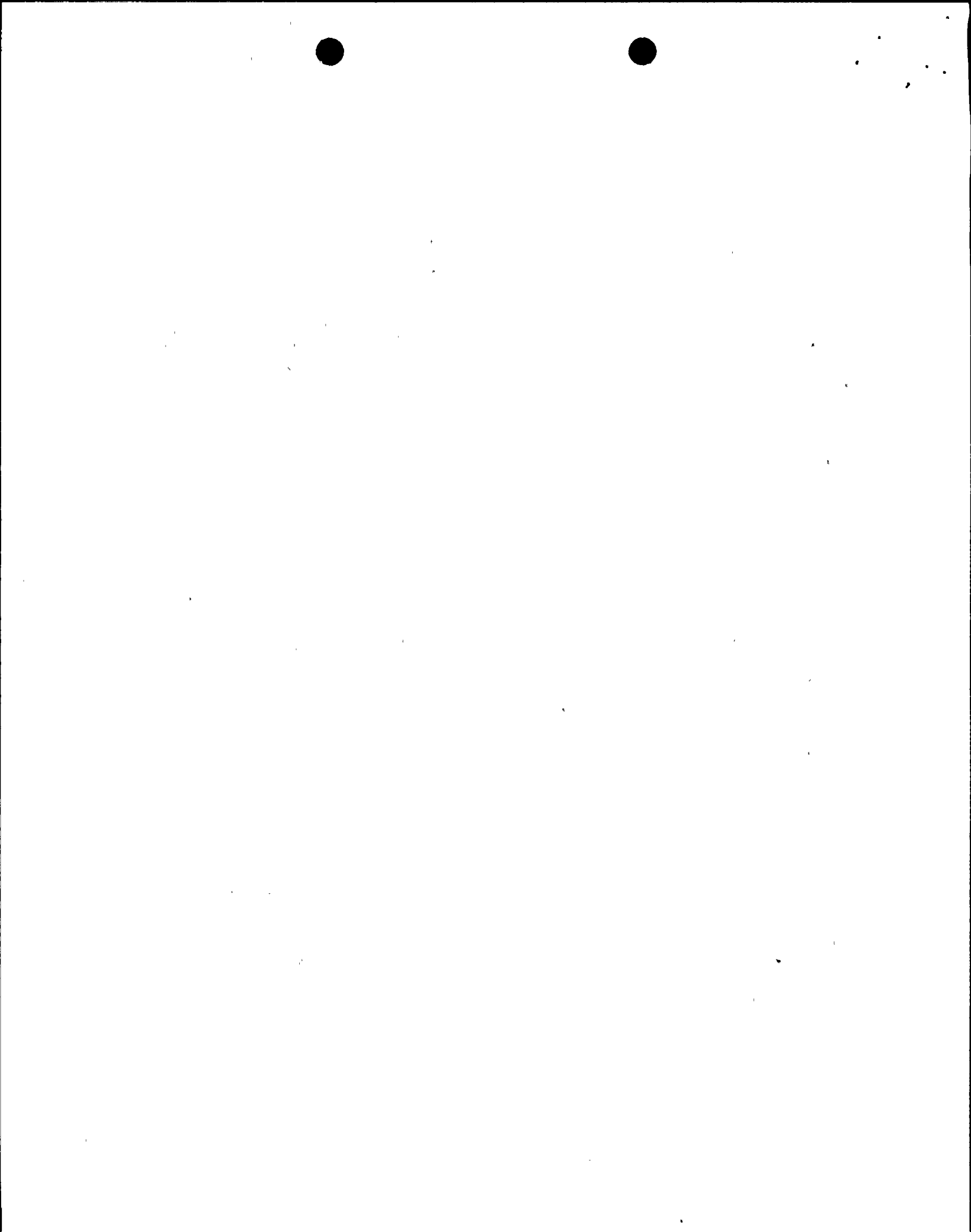


Donald S. Brinkman, Senior Project Manager  
Project Directorate I-1  
Division of Reactor Projects - I/II  
Office of Nuclear Reactor Regulation

Enclosures:

1. Safety Evaluation
2. Letter to Neil Smith, from  
James G. Partlow, dated  
October 2, 1992

cc w/enclosures:  
See next page



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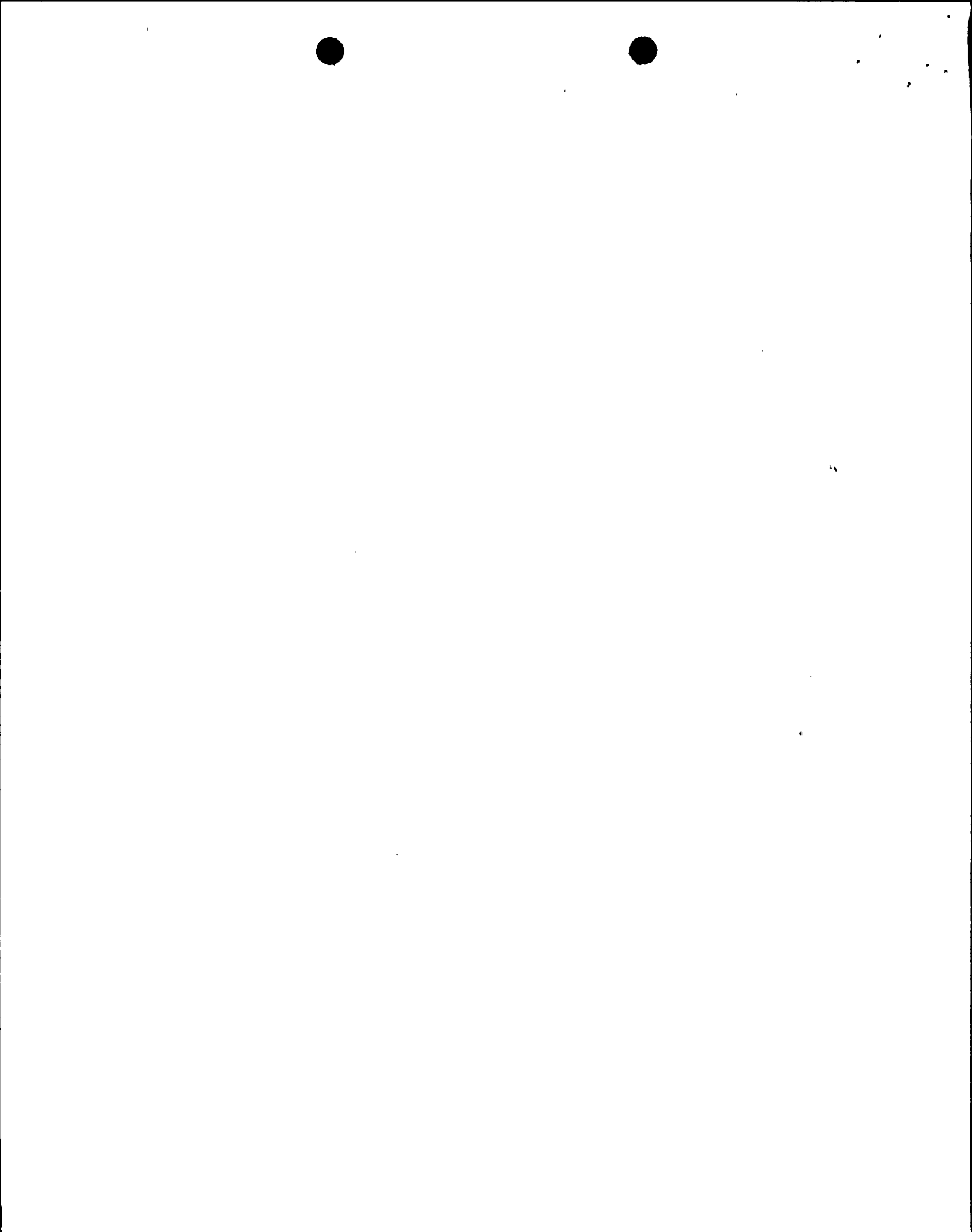
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