

Mr. B. Ralph Sylvia
Executive Vice President, Nuclear
Niagara Mohawk Power Corporation
Nine-Mile Point Nuclear Station
P.O. Box 63
Lycoming, New York 13093

Dear Mr. Sylvia:

SUBJECT: ACCEPTABILITY OF POST-ACCIDENT NEUTRON FLUX MONITORING
INSTRUMENTATION AT NINE MILE POINT NUCLEAR STATION, UNIT 2
(TAC NO. M79172)

Section 6.2 of Generic Letter 82-33 requested applicants and licensees to provide a report on their implementation of Regulatory Guide (RG) 1.97. The Boiling Water Reactors Owners Group responded by submitting NEDO-31558, "Position on NRC Regulatory Guide 1.97, Revision 3, Requirements for Post-Accident Neutron Monitoring System," which proposed alternative criteria for neutron flux monitoring instrumentation in lieu of the Category 1 criteria stated in the RG. In a safety evaluation dated January 13, 1993, the NRC staff concluded that the criteria of NEDO-31558 were acceptable.

By letter dated April 15, 1993, the staff requested Niagara Mohawk Power Corporation (NMPC) to review the Nine Mile Point Nuclear Station, Unit 2 (NMP-2) neutron flux monitoring instrumentation against the criteria of NEDO-31558 and document the results of NMPC's review. NMPC's letters of June 18, 1993, and May 2, 1994, provided the results of NMPC's review.

The staff has completed its review of NMPC's submittals and concludes that the deviations from NEDO-31558 specified in NMPC's submittals are acceptable. Therefore, the post-accident neutron flux monitoring instrumentation at NMP-2 is an acceptable alternative to the guidance in RG 1.97.

Sincerely,

ORIGINAL SIGNED BY:

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

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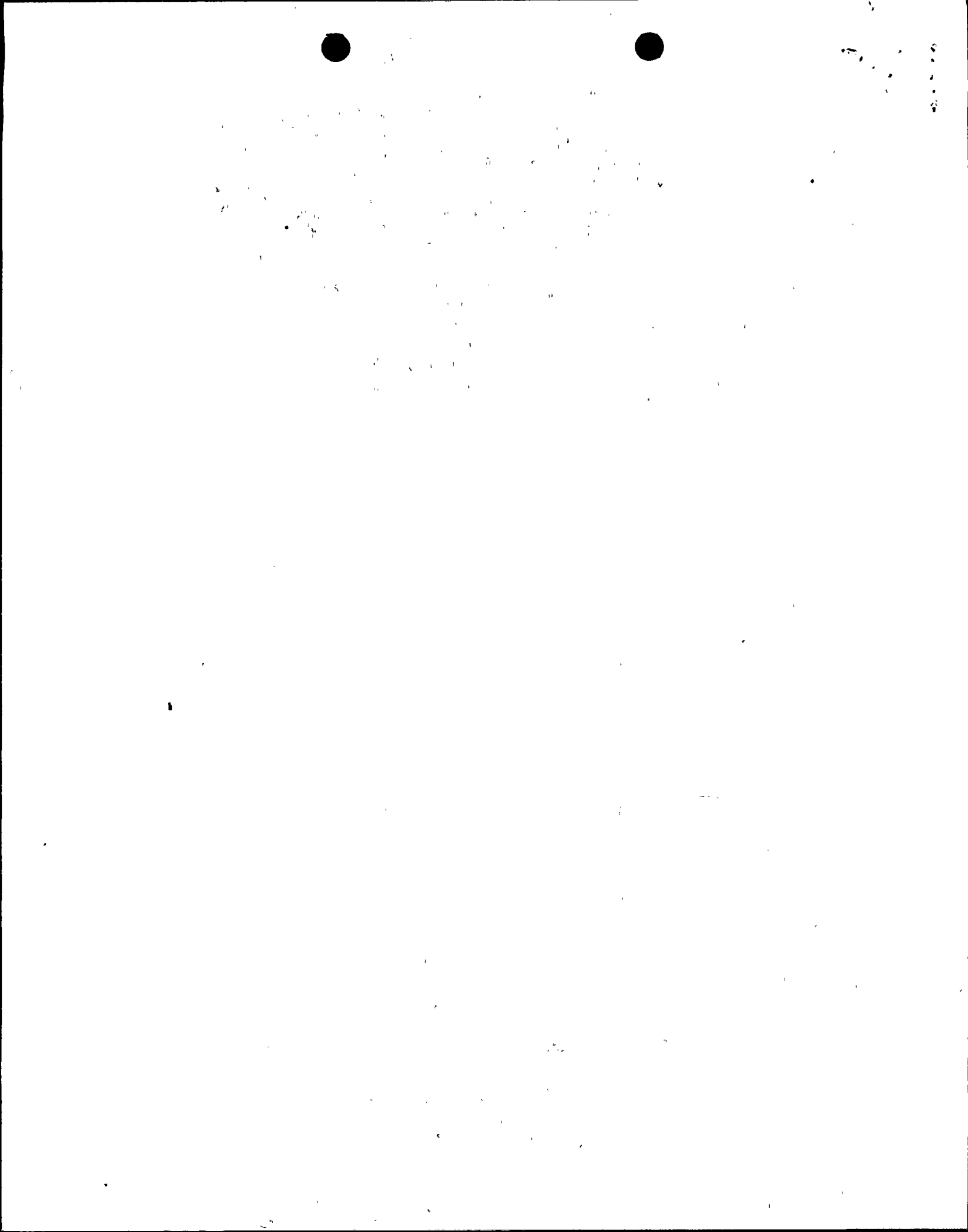
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UNITED STATES
NUCLEAR REGULATORY COMMISSION

WASHINGTON, D.C. 20555-0001

May 23, 1994

Docket No. 50-410

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Executive Vice President, Nuclear
Niagara Mohawk Power Corporation
Nine Mile Point Nuclear Station
P.O. Box 63
Lycoming, New York 13093

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Sincerely,

A handwritten signature in cursive script that reads "Donald S. Brinkman".

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

cc: See next page



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Mr. B. Ralph Sylvia
Niagara Mohawk Power Corporation

Nine Mile Point Nuclear Station
Unit 2

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