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SUBJECT: Forwards approved rept, "Analysis of Nine Mile Point Unit 1 Shroud Weld Cracking," for review.

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TITLE: GL 94-03 Intergranular Stress Corrosion Cracking of Core Shrouds in B

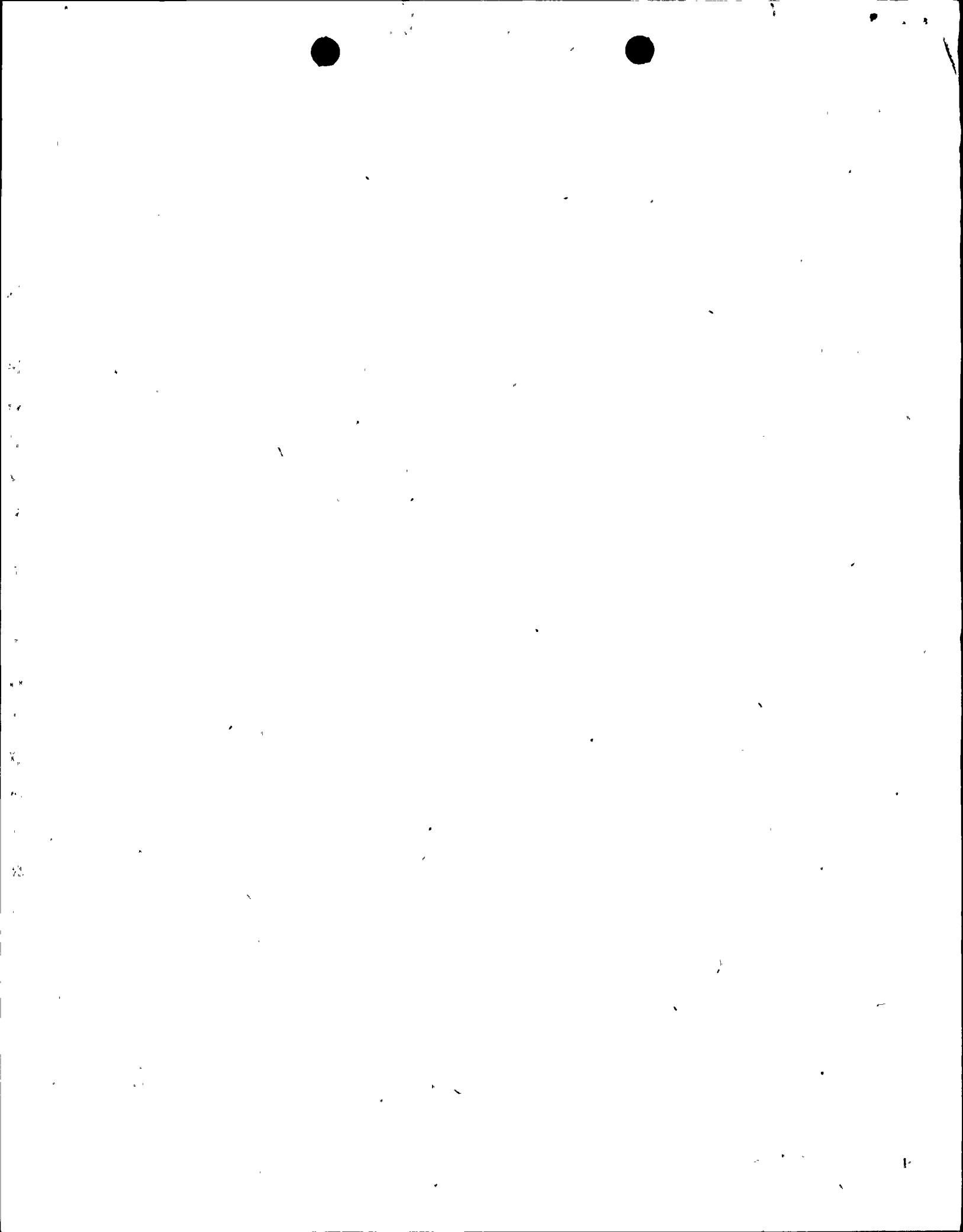
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NIAGARA MOHAWK

GENERATION
BUSINESS GROUP

NINE MILE POINT NUCLEAR STATION/LAKE ROAD, P.O. BOX 63, LYCOMING, NEW YORK 13093/TELEPHONE (315) 349-2660
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MARTIN J. McCORMICK JR. P.E.
Vice President
Nuclear Engineering

April 11, 1997
NMP1L 1203

U. S. Nuclear Regulatory Commission
Attn: Document Control Desk
Washington, DC 20555

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

Subject: Generic Letter 94-03 "Intergranular Stress Corrosion Cracking (IGSCC) in Boiling Water Reactors"

Gentlemen:

By letter (NMP1L 1200) dated April 8, 1997, Niagara Mohawk Power Corporation (NMPC) submitted to the NRC Staff the inspection results for the Nine Mile Point Unit 1 (NMP1) core shroud and a description of the proposed modification to the tie rod repairs previously installed. Enclosure 3 of that submittal made reference to a technical report that evaluates stress profiles for NMP1 core shroud vertical welds V9 and V10, which was prepared for NMPC by MPM Technologies. At the time of the submittal, the report was still preliminary and had not yet been approved. Contained herein is the approved report titled "Analysis of Nine Mile Point Unit 1 Shroud Weld Cracking," for your review.

Very truly yours,

Martin J. McCormick Jr.

Vice President - Nuclear Engineering

MJM/KLL/lmc
Enclosure

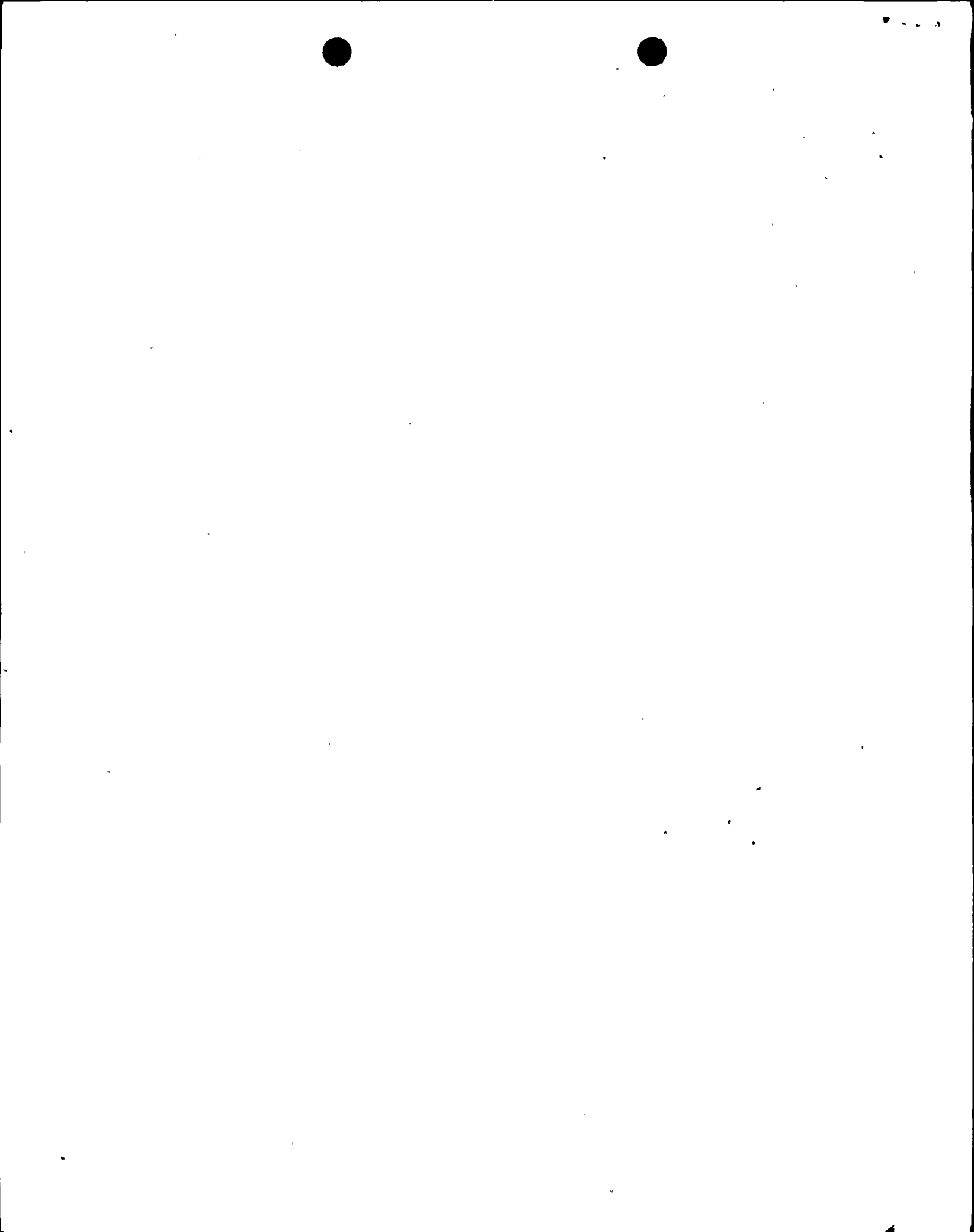
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- xc: Mr. H. J. Miller, NRC Regional Administrator, Region I
- Mr. S. S. Bajwa, Acting Director, Project Directorate I-1, NRR
- Mr. B. S. Norris, Senior Resident Inspector
- Mr. D. S. Hood, Senior Project Manager, NRR
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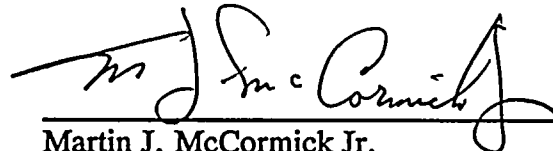
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UNITED STATES NUCLEAR REGULATORY COMMISSION

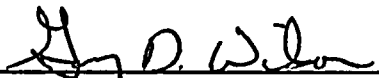
In the Matter of)
)
Niagara Mohawk Power Corporation) Docket No. 50-220
)
Nine Mile Point Unit 1)

Martin J. McCormick Jr., being duly sworn, states that he is Vice President - Nuclear Engineering of Niagara Mohawk Power Corporation; that he is authorized on the part of said Corporation to sign and file with the Nuclear Regulatory Commission the document attached hereto; and that the document is true and correct to the best of his knowledge, information and belief.



Martin J. McCormick Jr.
Vice President - Nuclear Engineering

Subscribed and sworn before me,
in and for the State of New York
and the County of Oswego,
this 13th day of April, 1997.



NOTARY PUBLIC
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My Commission Expires 11-30-98



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Final Report

entitled

**Analysis of Nine Mile Point Unit 1
Shroud Weld V9 and Weld V10 Cracking**

Prepared for:

Niagara Mohawk Power Corporation
300 Erie Boulevard West
Syracuse, New York 13202

by:

Dr. M. P. Manahan, Sr.
and
Dr. R. B. Stonesifer

under contract to:

MPM Technologies, Inc.
P.O. Box 840, 915 Pike Street
Lemont, PA 16851-0840

April, 1997

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