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 DISE,D.P. Niagara Mohawk Power Corp.
 RECIP.NAME RECIPIENT AFFILIATION

SEE REPORT

mM2

SUBJECT: Final deficiency rept re defect in base ring to outer shell plate weld of biological shield wall. Safety of plant operations not affected by weld defect. QA program modified to reduce possibility of future weld-related problems.

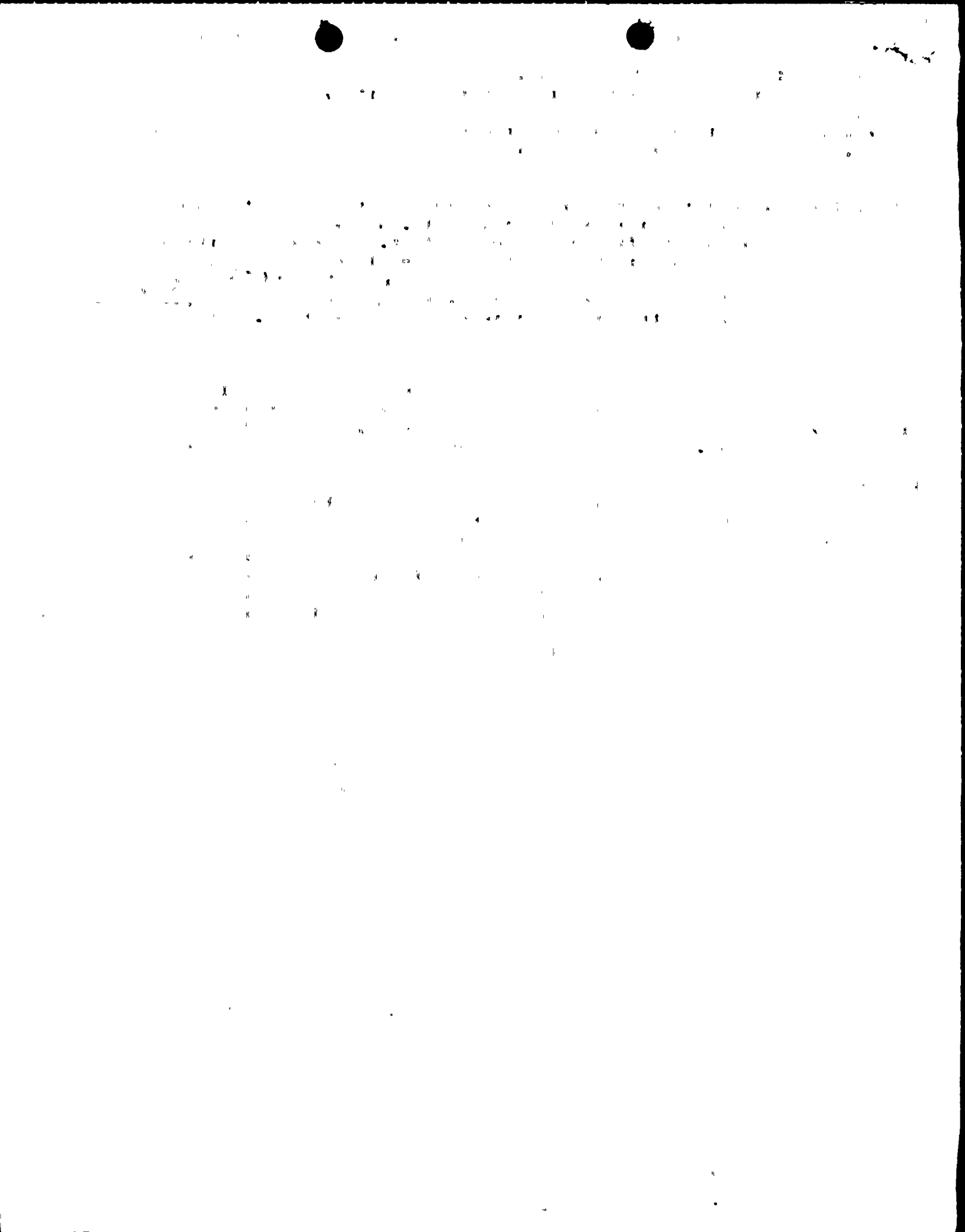
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NIAGARA MOHAWK POWER CORPORATION/300 ERIE BOULEVARD WEST, SYRACUSE, N.Y. 13202/TELEPHONE (315) 474-1511

August 1, 1980

Office of Inspection and Enforcement
Region I
Attention: Mr. R. T. Carlson, Chief
Reactor Construction and Engineering
Support Branch
U. S. Nuclear Regulatory Commission
631 Park Avenue
King of Prussia, PA 19406

Dear Mr. Carlson:

Re: Nine Mile Point Unit 2
Docket No. 50-410

Enclosed is the final report concerning the Nine Mile Point Unit 2 biological shield wall in accordance with 10 CFR 50, Paragraph 50.55(e) (3). This matter was initially reported to your staff on May 30, 1979 as involving a defect in the base ring to outer shell plate weld. Investigations subsequent to the initial notification revealed that there was a potential deficiency in other welds of similar geometrical configuration. The increased scope of the biological shield wall review was reported to your staff on August 24, 1979.

After extensive engineering evaluation, it has been determined that the condition of the biological shield wall welds could not have adversely affected the safety of operations of the Nine Mile Point Unit 2 plant had it remained undiscovered. The basis for this conclusion is discussed in detail in Section VI, Analysis of Safety Implications, of the enclosed report. Also included in the report is a description of the deficiencies and the corrective action taken.

Very truly yours,

NIAGARA MOHAWK POWER CORPORATION

Donald P. Dise

Donald P. Dise
Vice President Engineering

PEF:ja

Enclosure

xc: Director of Inspection and Enforcement

U. S. Nuclear Regulatory Commission
Washington, D. C. 20555

Director
Office of Nuclear Reactor Regulation
U. S. Nuclear Regulatory Commission
Washington, D.C. 20555

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