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MR. BEN C. RUSCHE

FROM:
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LTR. (NOTORIZED 5/18/76) IN BEHALF OF NIAGARA MOHAWK POWER CORP. W/ATTACHED CERT. OF SERV. TRANS THE FOLLOWING:

ENCLOSURE

AMDT. TO OL/CHANGE TO TECH SPEC CONSISTING OF APPLICATION SEEKING TO AMEND SEC. 3.1 7d IN APPENDIX A.

ACKNOWLEDGED
DO NOT REMOVE

PLANT NAME:

NINE MILE POINT #1

SAFETY

FOR ACTION/INFORMATION

ENVIRO

5/21/76 RJL

ASSIGNED AD :

ASSIGNED AD :

BRANCH CHIEF :

LEAR (6)

BRANCH CHIEF :

PROJECT MANAGER:

PROJECT MANAGER :

LIC. ASST. :

PARRISH

LIC. ASST. :

INTERNAL DISTRIBUTION

<input checked="" type="checkbox"/> REG FILE	SYSTEMS SAFETY	PLANT SYSTEMS	ENVIRO TECH
<input checked="" type="checkbox"/> NRC PDR	HEJREMAN	TEDESCO	ERNST
<input checked="" type="checkbox"/> I & E (2)	SCHROEDER	BENAROYA	BALLARD
<input checked="" type="checkbox"/> OELD		LAIJAS	SPANGLER
<input checked="" type="checkbox"/> GOSSICK & STAFF	ENGINEERING	IPPOLITO	
MIPC	MACCARY		SITE TECH
CASE	KNIGHT	OPERATING REACTORS	GAMMILL
HANAUER	SINSEIL	STELLO	STEPP
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PROJECT MANAGEMENT	REACTOR SAFETY	OPERATING TECH	
BOYD	ROSS	EISENHUT (AM)	SITE ANALYSIS
P. COLLINS	NOVAK	SHAO	VOLLMER
HOUSTON	ROSZTOCZY	BAER	BUNCH
PETERSON	CHECK	SCHWENCER	<input checked="" type="checkbox"/> J. COLLINS
MEITZ		GRILES	KREGER
HELMES	AT & I		
SKOVHOLT	SALTZMAN	SITE SAFETY & ENVIRO ANALYSIS	
	RUBBERG	DENTON & MULLER	

EXTERNAL DISTRIBUTION

CONTROL NUMBER

<input checked="" type="checkbox"/> I.PDR; OSWEGO, N.Y.	NATL. LAB	BROOKHAVEN NATL. LAB	75085
<input checked="" type="checkbox"/> TIC	REG. V-IE	ULRIKSON (ORNL)	
<input checked="" type="checkbox"/> NSIC	I.A PDR		
<input checked="" type="checkbox"/> ASLH	CONSULTANTS		
<input checked="" type="checkbox"/> ACRS 16 HOLDING/SERV	PARRISH		



LAW OFFICES OF
LEBOEUF, LAMB, LEIBY & MACRAE

1757 N STREET, N.W.
WASHINGTON, D. C. 20036

TELEPHONE 202 457-7500

CABLE ADDRESS

LEBWIN, WASHINGTON D.C.

TELEX: 440274

RANDALL J. LEBOEUF, JR. 1929-1975

ADRIAN C. LEIBY 1952-1976

LEON A. ALLEN, JR.
JOSEPH E. BACHELDER, III
ERNEST S. BALLARD, JR.
G. S. PETER BERGEN*
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EUGENE B. THOMAS, JR.*
LEONARD M. TROSTEN*
HARRY H. VOIGT*
H. RICHARD WACHTEL
GERARD P. WATSON

OF COUNSEL

ARVIN E. UPTON

140 BROADWAY

NEW YORK, N.Y. 10005

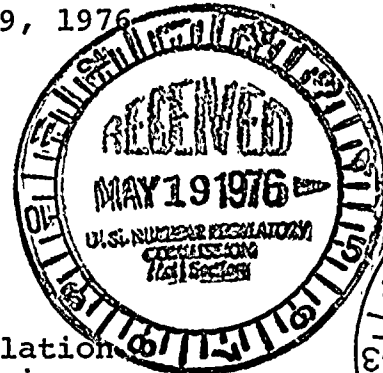
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CABLE ADDRESS

LEBWIN, NEW YORK

TELEX: 423416

May 19, 1976



* RESIDENT PARTNERS WASHINGTON OFFICE
* ADMITTED TO THE DISTRICT OF COLUMBIA BAR

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

Re: Niagara Mohawk Power Corporation
Nine Mile Point Nuclear Station Unit No. 1
Docket No. 50-220

Dear Mr. Rusche:

Regulatory Docket File

As counsel for Niagara Mohawk Power Corporation, we hereby transmit three (3) signed originals and nineteen (19) copies of a document entitled "Application for Amendment to Operating License." This Application seeks to amend Section 3.1.7d of the Technical Specifications set forth in Appendix A to Facility Operating License No. DPR-63. Forty (40) copies of the proposed change and accompanying safety evaluation are also enclosed.

A Certificate of Service showing service of these documents upon the persons listed therein is also enclosed.

Very truly yours,

LeBoeuf, Lamb, Leiby & MacRae

LeBoeuf, Lamb, Leiby & MacRae
Attorneys for Niagara Mohawk
Power Corporation

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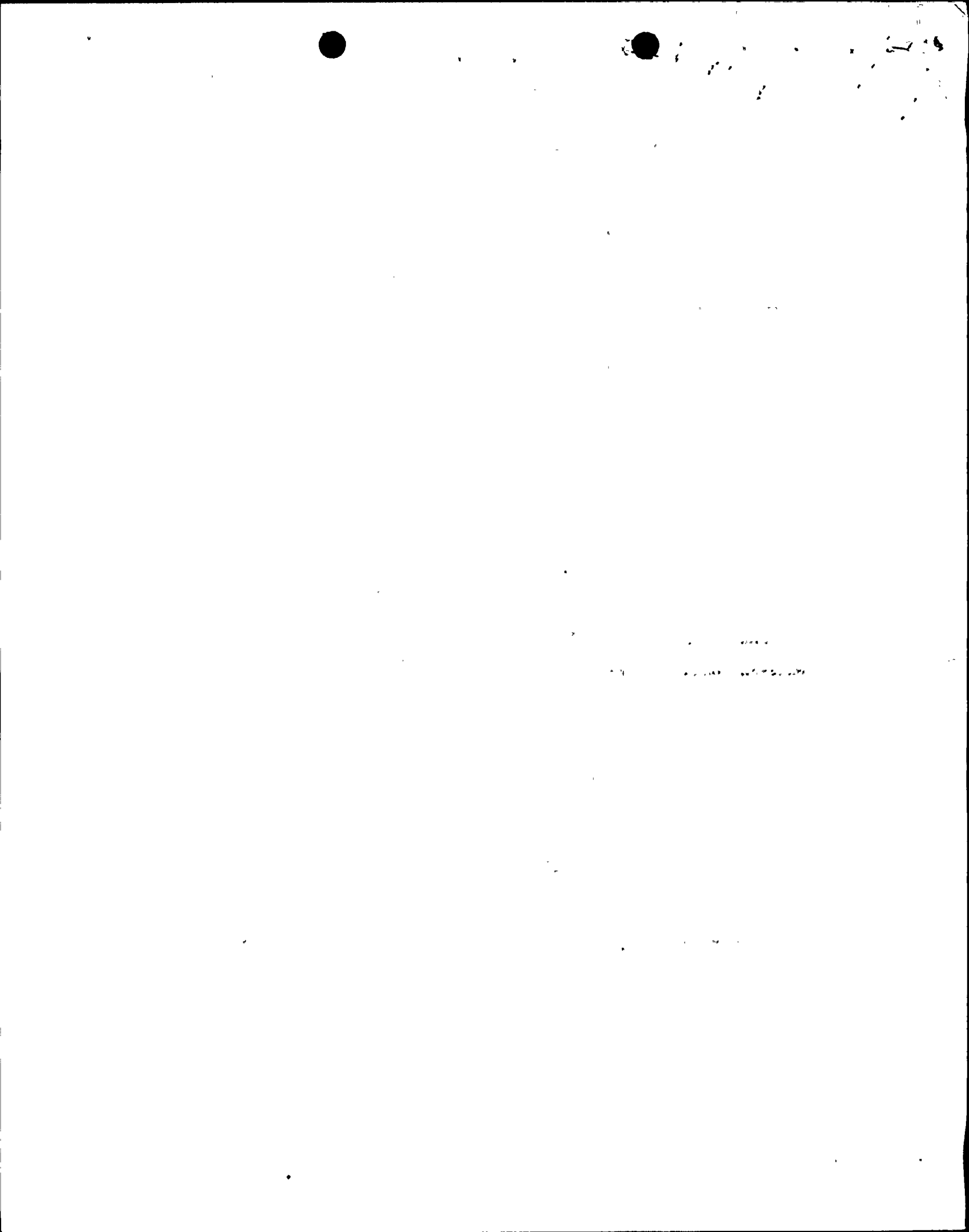
UNITED STATES OF AMERICA
NUCLEAR REGULATORY COMMISSION

In the Matter of)
)
NIAGARA MOHAWK POWER CORPORATION) Docket No. 50-220
(Nine Mile Point Nuclear Station)
Unit No. 1))

APPLICATION FOR AMENDMENT
TO
OPERATING LICENSE

Pursuant to Section 50.90 of the regulations of the Nuclear Regulatory Commission, Niagara Mohawk Power Corporation, holder of Facility Operating License No. DPR-63, hereby requests that Section 3.1.7d of the Technical Specifications set forth in Appendix A to that License be amended. This proposed change has been accepted by the Site Operations Review Committee and Safety Review and Audit Board.

The proposed Technical Specifications change is set forth in Attachment A to this application. Supporting information, which demonstrates that the proposed change does not involve a significant hazards consideration, is set forth in Attachment B. The proposed change would not authorize any change in the types or any increase in the amounts of effluents or any change in the authorized power level of the facility.



WHEREFORE, Applicant respectfully requests that Appendix A to Facility Operating License No. DPR-63 be amended in the form attached hereto as Attachment A.

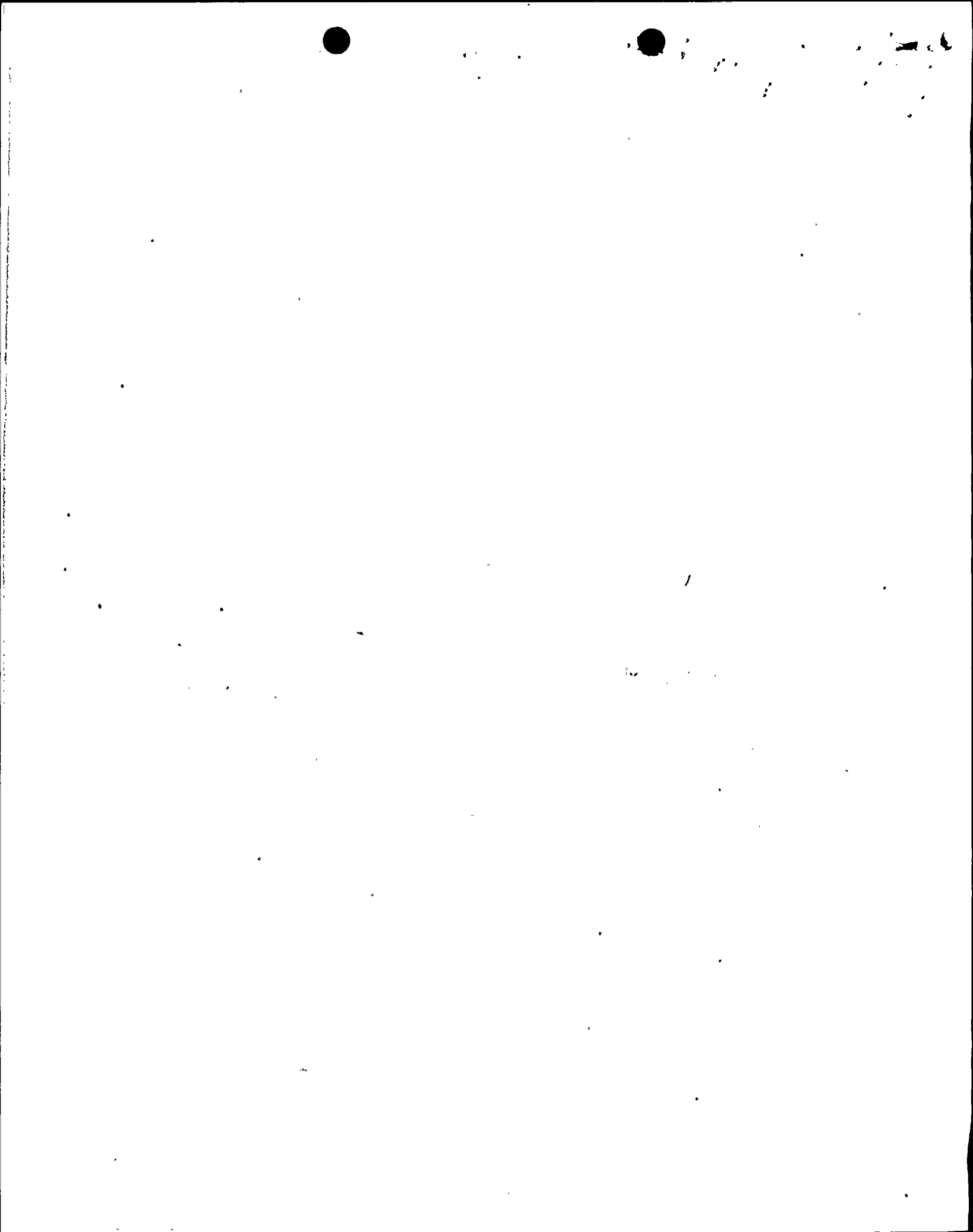
NIAGARA MOHAWK POWER CORPORATION

By *R. R. Schneider*
R. R. Schneider
Vice President-Electric Operations

Subscribed and sworn to before me on this 18th day of May, 1976.

Patricia A. Connor (Patricia C. Nott)
Notary Public

PATRICIA A. CONNOR
Notary Public in the State of New York
Qualified in Onondaga Co. No. 4608264
My Commission Expires March 30, 1977



Attachment A

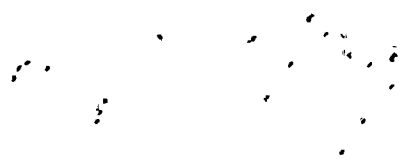
Niagara Mohawk Power Corporation

License No. DPR-63

Docket No. 50-220

Proposed Changes To Facility Operating License

The attached pages 64b, 64c, 64d and 64e are
revisions to Appendix A of DPR-63.



d. Assembly Averaged Power-Void Relationships (Cont'd)

$$\frac{(1-VF)}{PR \times FCP} \geq B$$

Where: VF = Bundle average void fraction
 PR = Assembly radial power factor
 FCP = Fractional core power relative to 1850 MWt
 B = Power-Void Limit (limiting values of "B" shall be specified for each fuel type in the core)

The limiting values of "B" for each fuel type are shown in the Figures below:

<u>Fuel Type(s)</u>	<u>"B"</u>
Type 1 - initial core	Figure 3.1.7.f
Type 2 - reload 1	Figure 3.1.7.g
Type 3 - reload 2	Figure 3.1.7.h
Type 4 - reload 3	Figure 3.1.7.i
Type 5 - reload 4 (2.50 enrichment) and reload 5	Figure 3.1.7.j
Type 6 - reload 4 (2.62 enrichment)	Figure 3.1.7.k

e. Reporting Requirements

If any of the limiting values identified in Specifications 3.1.7.a, b, or c are exceeded, a Reportable Occurrence report shall be submitted. If the corrective action is taken, as described, a thirty-day written report will meet the requirements of this specification.

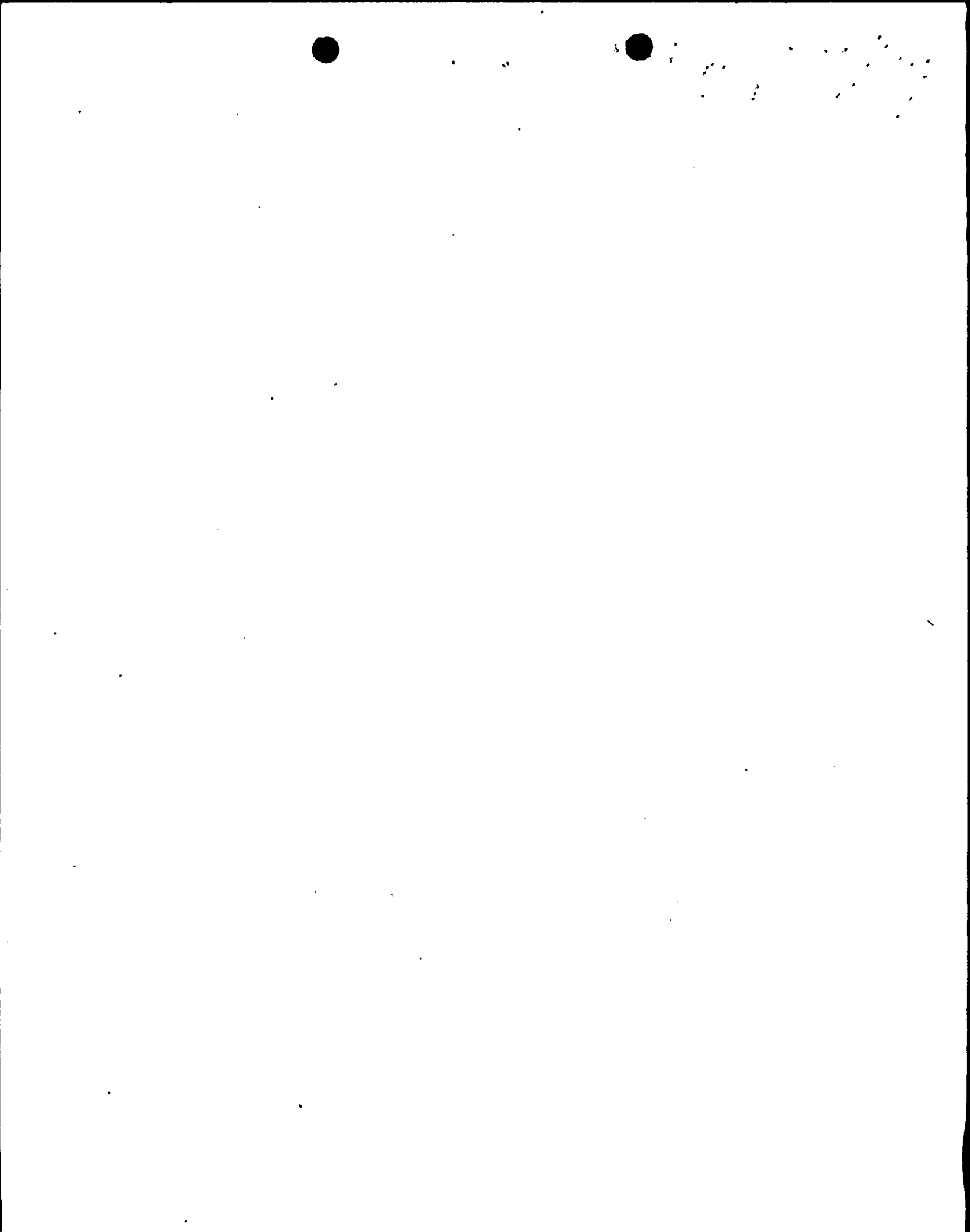


Figure 3.1:7.f

Type 1 - Initial Core Fuel

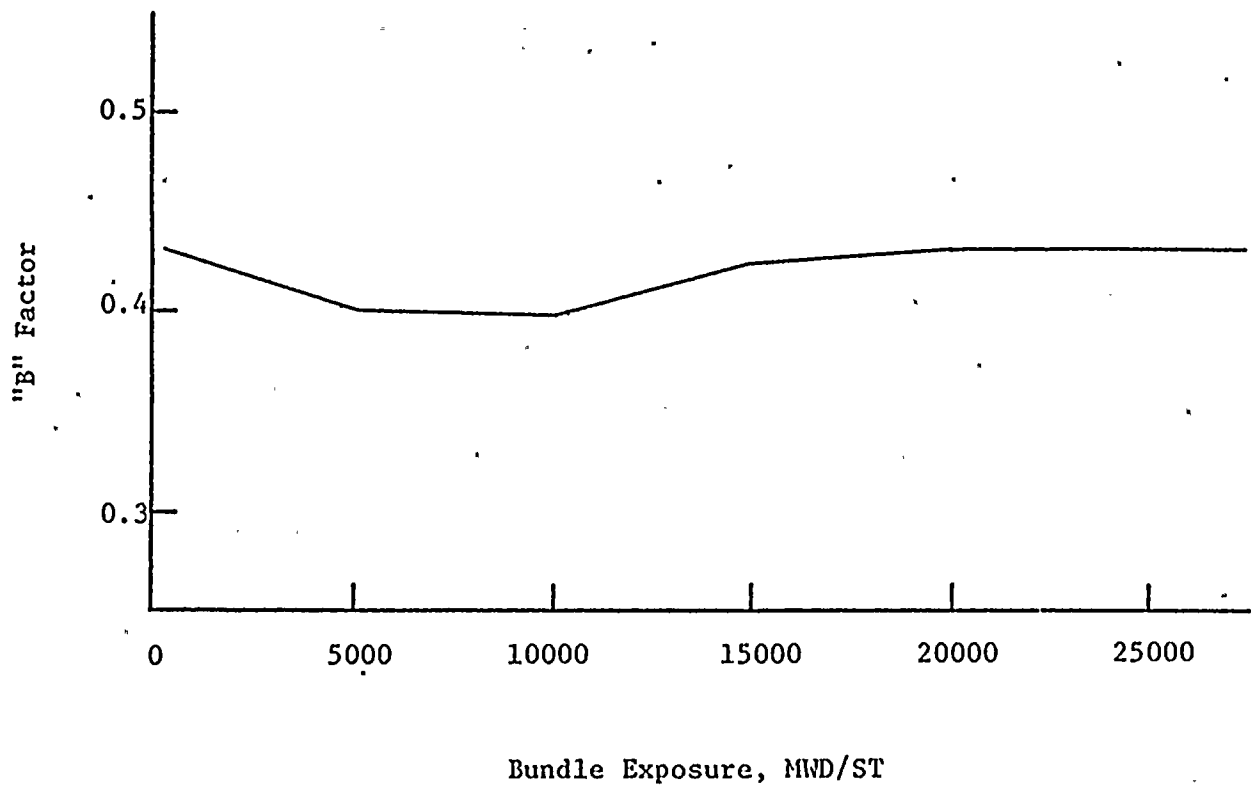
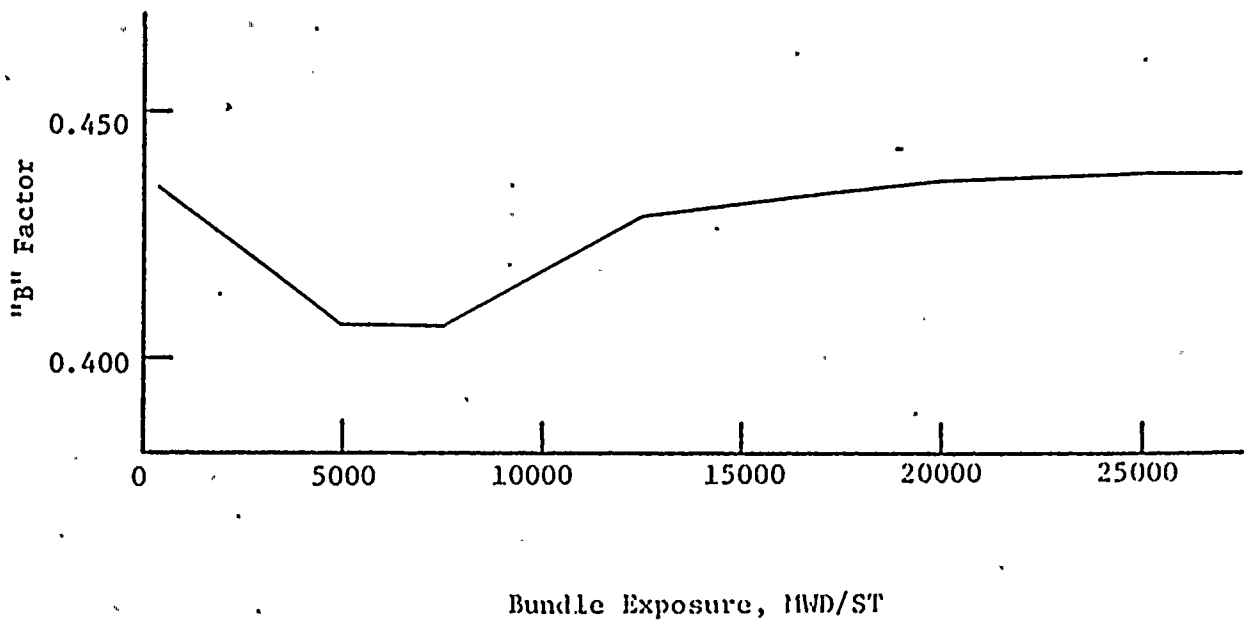


Figure 3.1.7.g

Type 2 - Reload 1 Fuel





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Figure 3.1.7.h
Type 3 - Reload 2 Fuel

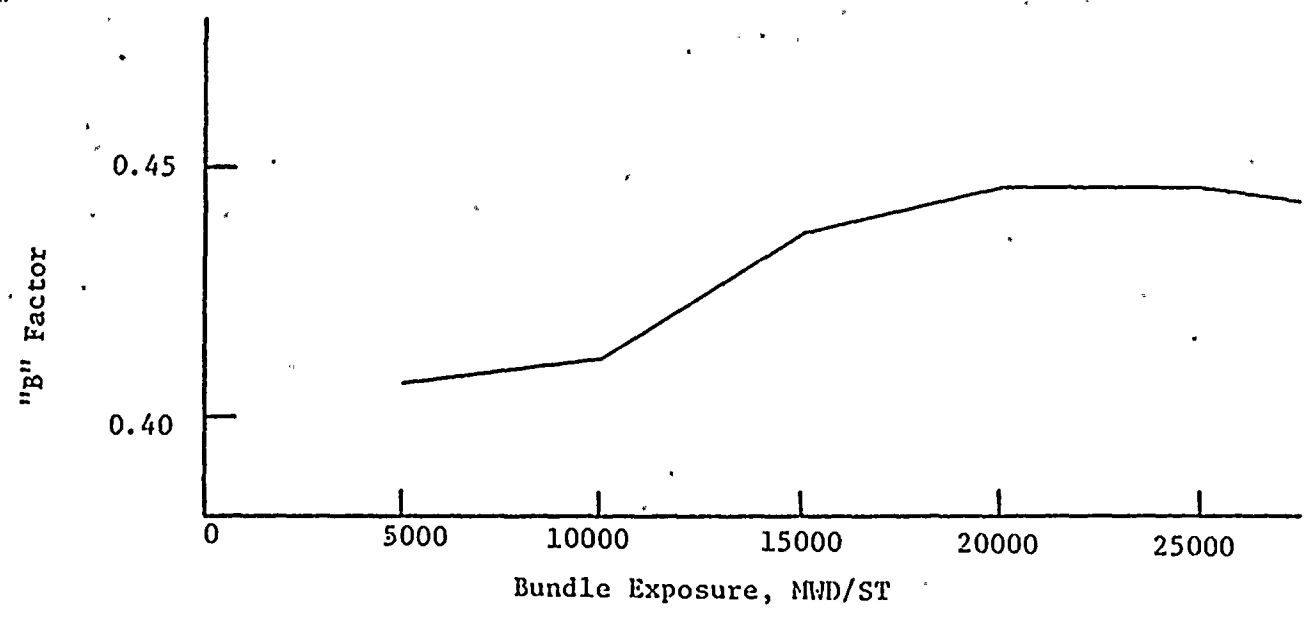
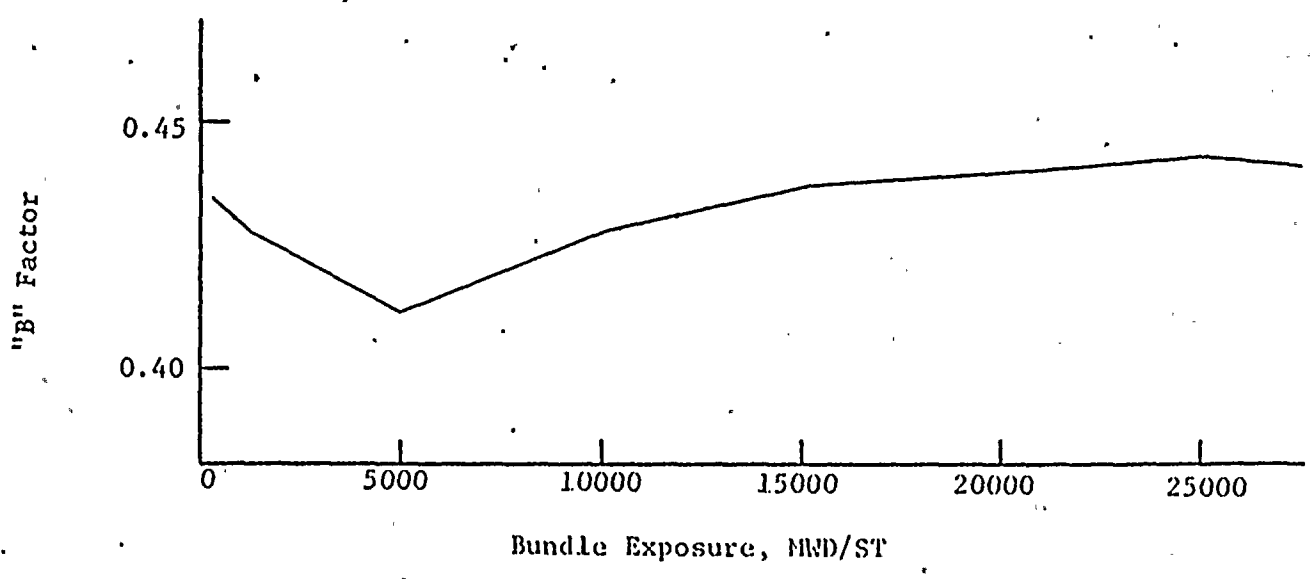


Figure 3.1.7.i
Type 4 - Reload 3 Fuel



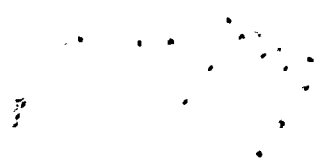


Figure 3.1.7.j

Type 5 - Reload 4 (2.5 enrichment)
Reload 5

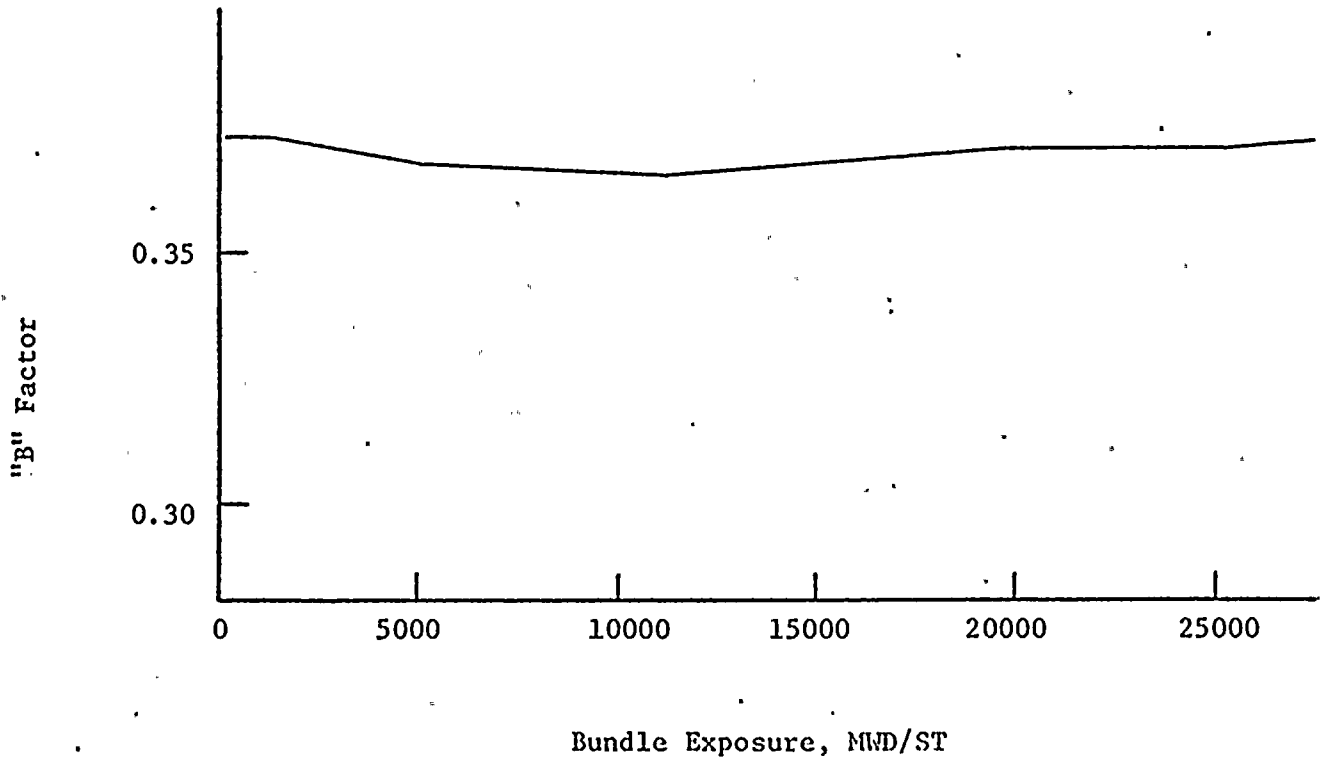
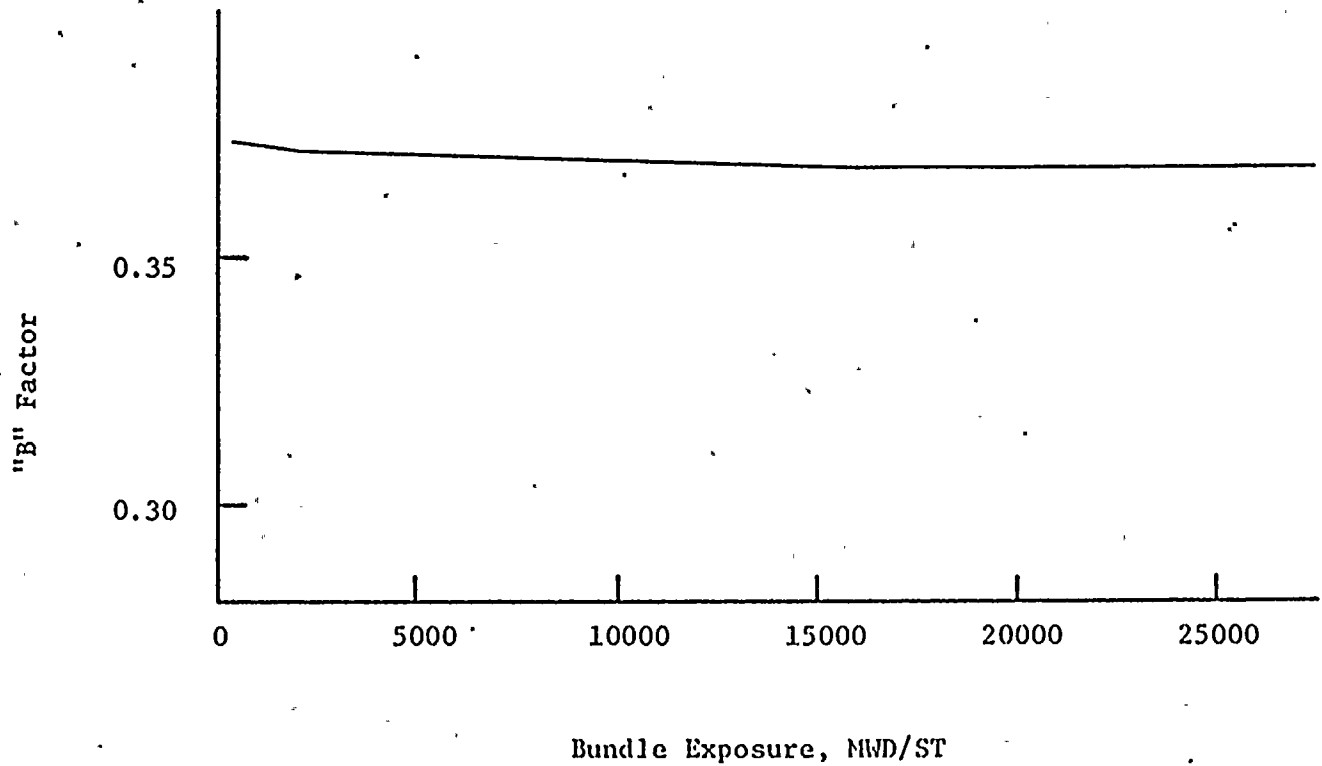
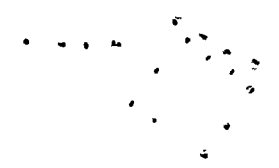


Figure 3.1.7.k

Type 6 - Reload 4 (2.62 enrichment)





Attachment B

Niagara Mohawk Power Corporation

License No. DPR-63

Docket No. 50-220

Supporting Information

The proposed change included in Attachment A, provides a more realistic representation of actual Power Void Limits ("B" factors) than the present limits.

The present "B" factor calculations were based on constant dryout times for each of the 7 x 7 and 8 x 8 fuel types. Subsequent evaluations by General Electric, however, revealed that dryout times are exposure dependent. The re-calculated "B" factors, shown on pages 64c - 64e, reflect these variable dryout times.

It should be noted that the proposed limits are generally more restrictive for Fuel Types 1 and 3, and generally less restrictive for Types 2, 4, 5 and 6. Since Fuel Type 4 is currently limiting power output, the net effect of this change would permit a slight increase in power from the plant.



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BEFORE THE UNITED STATES
NUCLEAR REGULATORY COMMISSION

In the Matter of)
)
NIAGARA MOHAWK POWER CORPORATION) Docket No. 50-220
(Nine Mile Point Nuclear Station)
Unit No. 1))

CERTIFICATE OF SERVICE

I hereby certify that I have served a document entitled "Application for Amendment to Operating License" by mailing a copy thereof first class, postage prepaid, to the following persons this 19th day of May, 1976.

Mr. Robert P. Jones
Supervisor
Town of Scriba
R. D. #4
Oswego, New York 13126

Dr. William E. Seymour
Staff Coordinator
New York State Atomic
Energy Council
New York State Department
of Commerce
99 Washington Avenue
Albany, New York 12210

Miss Juanita Kersey
Librarian
Oswego City Library
120 E. Second Street
Oswego, New York 13126

Hope M. Babcock

Hope M. Babcock

LeBoeuf, Lamb, Leiby & MacRae
Attorneys for Niagara Mohawk
Power Corporation

