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CONTROL NO: 6696

FILE

FROM: LeBoeuf, Lamb, Leiby & MacRae Washington, D. C. 20036	DATE OF DOC: 12-7-72	DATE REC'D 12-7-72	LTR x	MEMO	RPT	OTHER
TO: John F. O'Leary	ORIG 1 signed	CC	OTHER	SENT AEC PDR <u>  X  </u> SENT LOCAL PDR <u>  X  </u>		
CLASS: <u>  U  </u> PROP INFO	INPUT	NO CYS REC'D 1	DOCKET NO: 50-410			

DESCRIPTION:  
Ltr submitted on behalf of Niagara Mohawk  
...trans the following:

ENCLOSURES:  
AMDT # 4, notarized 11-30-72 consisting of....  
SUPPL. # 4 containing addl info to Sections  
8, 10, 11 & 12 to PSAR in response to our  
10-8-72 ltr.  
CERT. OF SV., dtd 12-7-72 showing sv of Amdt #  
4, Suppl # 4 upon D.I. Gleason, R.P. Jones, et al  
*revised 12-13-72*

PLANT NAMES: Nine Mile Point Unit # 2

**ACKNOWLEDGED DO NOT REMOVE**

(3 Orig & 25 cys Amdt, 70 cys Suppl & 1 cy Cert

FOR ACTION/INFORMATION of Sv rec'd 12-7-72 fod

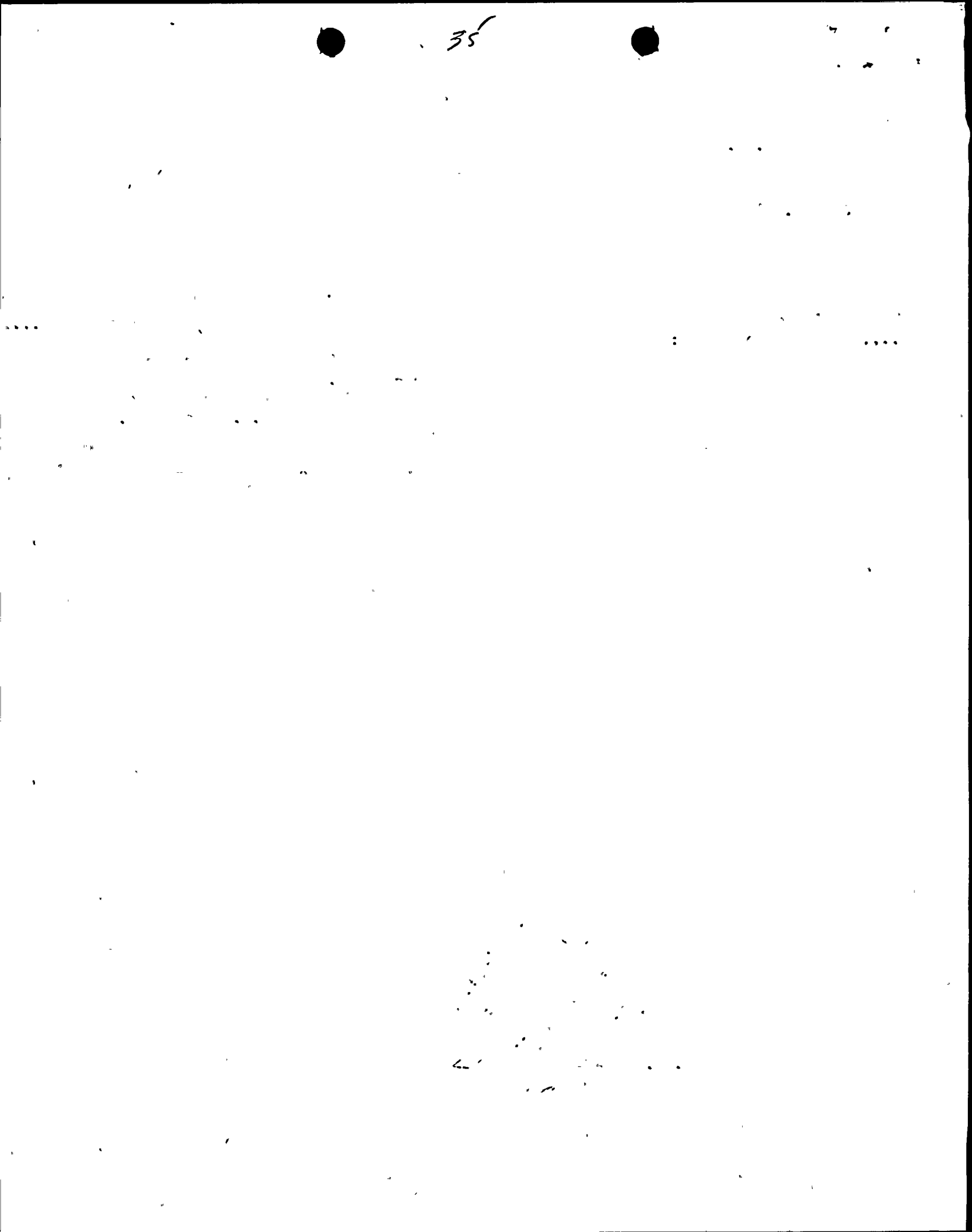
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P. COLLINS	<input checked="" type="checkbox"/> MOORE	MULLER	WILSON L	PLANS	
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MORRIS	<input checked="" type="checkbox"/> LAINAS	<input checked="" type="checkbox"/> PROJ LEADER	DIGGS L	INFO	
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<del>HOUSTON</del> /H. ST.	1-CONSULANT'S	1-AGMED (WALTER KOESTER,
<input checked="" type="checkbox"/> 16-CYS ACRS HOLDING	NEWMARK/BLUME/AGABIAN	Rm C-427, GT)
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LAW OFFICES OF  
LEBOEUF, LAMB, LEIBY & MACRAE  
1821 JEFFERSON PLACE, N.W.  
WASHINGTON, D. C. 20036

Regulatory File Cy.

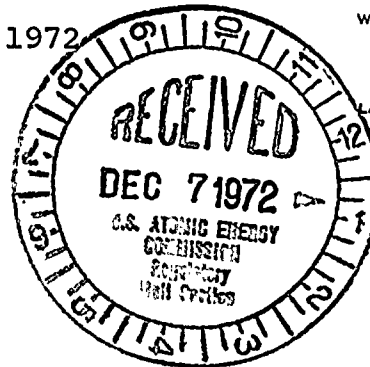
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December 7, 1972



Mr. John F. O'Leary  
Director of Licensing  
U.S. Atomic Energy Commission  
Washington, D.C. 20545

Re: Niagara Mohawk Power Corporation  
Nine Mile Point Unit 2  
AEC Docket No. 50-410

Dear Mr. O'Leary:

With this letter we transmit three (3) originals and twenty-five (25) copies of Amendment No. 4 to the Application for Licenses in the above-captioned proceeding. Accompanying this amendment are seventy (70) copies of Supplement No. 4 containing the information requested by Mr. Roger Boyd, Assistant Director for Boiling Water Reactors, in his letter of October 8, 1972 concerning Sections 8, 10, 11 and 12 of the Preliminary Safety Analysis Report.

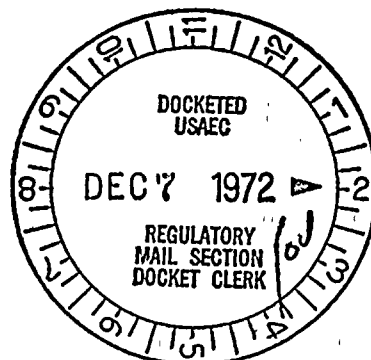
A Certificate of Service is also enclosed.

Very truly yours,

*Le Boeuf, Lamb, Leiby & MacRae*

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

Enclosures



6696

1952-17-6-101.1-101.1-101.1-101.1

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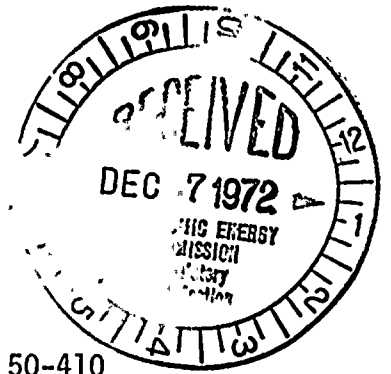
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BEFORE THE UNITED STATES  
ATOMIC ENERGY COMMISSION



In the Matter of  
Niagara Mohawk Power Corporation  
(Nine Mile Point Unit 2)

Docket No. 50-410

AMENDMENT NO. 4  
TO  
APPLICATION FOR LICENSES

Regulatory File Cy.

Received w/Ltr Dated 12-7-72

On June 15, 1972, Niagara Mohawk Power Corporation, the Applicant in the above-captioned proceeding, filed its Application for Licenses in the above-captioned docket. The Staff of the U. S. Atomic Energy Commission, by letter of October 8, 1972, requested certain additional information concerning Sections 8, 10, 11 and 12, in the Preliminary Safety Analysis Report.

In accordance with this request the Applicant hereby files Amendment No. 4 to its Application for Licenses transmitting Supplement No. 4 to its Preliminary Safety Analysis Report.

WHEREFORE, Applicant prays as in its Application for Licenses, as amended.

Respectfully submitted,  
NIAGARA MOHAWK POWER CORPORATION

By Thomas J. Brosnan  
Thomas J. Brosnan  
Vice President and Chief Engineer

Subscribed and sworn to before  
me this 30th day of November, 1972.

Carolyn F. Robertson  
Notary Public

CAROLYN F. ROBERTSON  
Notary Public in the State of New York  
Qualified in Onon. Co. No. 34-8599125  
My Commission Expires March 30, 1974

6696

LP



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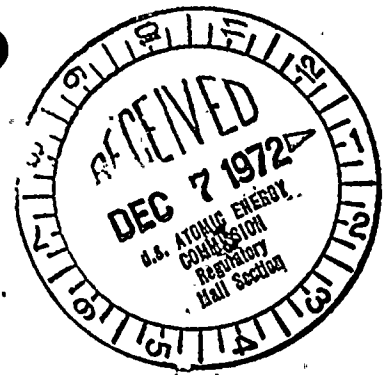
10

11

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BEFORE THE UNITED STATES  
ATOMIC ENERGY COMMISSION



In the Matter of )  
)  
Niagara Mohawk Power Corporation ) Docket No. 50-410  
(Nine Mile Point Unit 2) )

Regulatory File Cy.  
Received w/Ltr Dated 12-7-72

CERTIFICATE OF SERVICE

I hereby certify that I have served, pursuant to 10 CFR §§2.101(b) and 2.712, copies of Amendment No. 4 to the Application for Licenses in the above-captioned proceeding, together with copies of Supplement No. 4 to the Preliminary Safety Analysis Report upon the following persons by deposit in the U.S. mails, properly stamped and addressed, this 7th day of December 1972.

AEC Regulatory Staff  
William Massar, Esq.  
Bernard M. Bordenick, Esq.  
Mark R. Haflich, Esq.  
U.S. Atomic Energy Commission  
Washington, D.C. 20545  
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Council  
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Technical Advisor  
Atomic Safety and Licensing  
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U.S. Atomic Energy Commission  
Washington, D.C. 20545  
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DEC 15 1966  
FEDERAL BUREAU OF INVESTIGATION  
U.S. DEPARTMENT OF JUSTICE



Dr. William E. Martin  
Senior Ecologist  
Battelle Memorial Institute  
Columbus, Ohio 43201  
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Mr. Nathaniel H. Goodrich  
Chairman  
Atomic Safety and Licensing  
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Secretary  
U.S. Atomic Energy Commission  
Washington, D.C. 20545  
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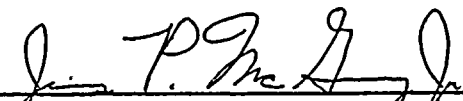
Mr. Angelo Giambusso  
Deputy Director for Reactor Projects  
U.S. Atomic Energy Commission  
Washington, D.C. 20545  
(2 copies)

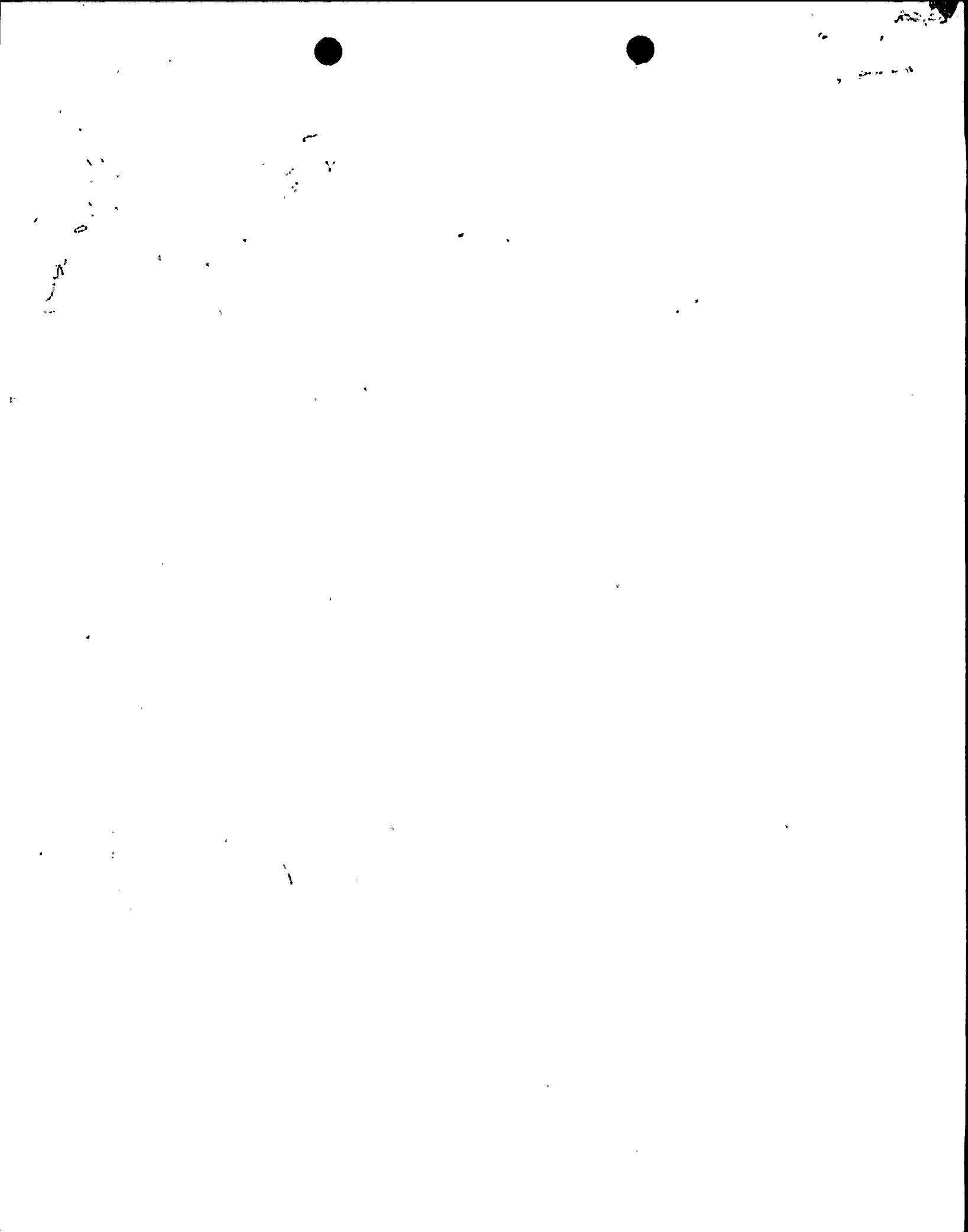
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Supervisor, Town of Scriba  
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James P. McGranery, Jr.  
LeBoeuf, Lamb, Leiby & MacRae  
Attorneys for Niagara Mohawk  
Power Corporation



NINE MILE POINT NUCLEAR STATION - UNIT 2

DOCKET NO. 50-410

Regulatory

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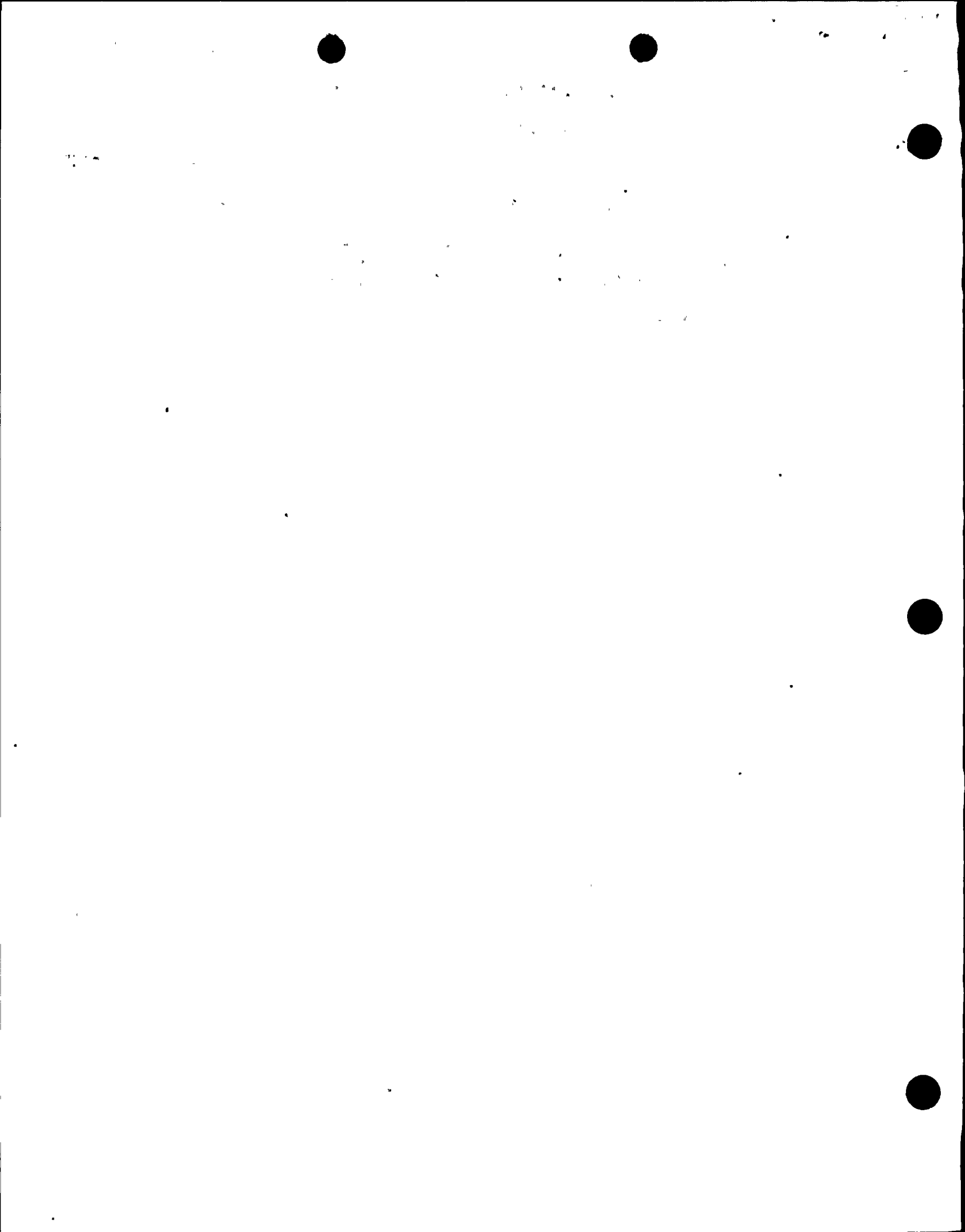
PSAR SUPPLEMENT 4

Received w/Ltr Dated 12-7-72

This supplement, designated as PSAR Supplement 4, consists of the following:

Responses to the letter of October 8, 1972, from Mr. Roger S. Boyd, Assistant Director for Boiling Water Reactors, Directorate of Licensing (including revisions to affected sections).

Revisions to Section 8 and Appendix B.



*Revised  
12-13-72  
LB*

PAGE REVISIONS (CONT'D)

SUPPLEMENT 4

VOLUME V (CONT'D)

Remove old page(s)

Insert new page(s)

~~Figure 10.5-1  
Figure 10.6-1  
Figure 10.8-1  
Figure 10.11-1~~

~~Figure 10.5-1  
Figure 10.6-1  
Figure 10.8-1  
Figure 10.11-1~~

Insert "Supplement to Section 10" divider page behind the last figure in Section 10 (Fig. 10.17-13). Behind the divider page insert pages R10.1-1 through R10.48-1.

~~11.6-1~~

~~11.6-1~~

Insert "Supplement to Section 11" divider page behind the last figure in Section 11 (Fig. 11.10-1). Behind this divider page insert pages R11.1-1 through R11.3-2.

~~12.5-35~~

~~Figure 12.1-3  
Figure 12.1-6~~

~~12.5-35~~

~~Figure 12.1-3  
Figure 12.1-6~~

Insert "Supplement to Section 12" divider page behind the last figure in Section 12 (Fig. 12.7-2c). Behind this divider page insert pages R12.1-1 through Fig. R12.6-1.

VOLUME VI

~~10-iv (Complete Table of Contents)  
B-134 through B-136~~

~~10-iv  
B-134 through B-136~~

VOLUME VII

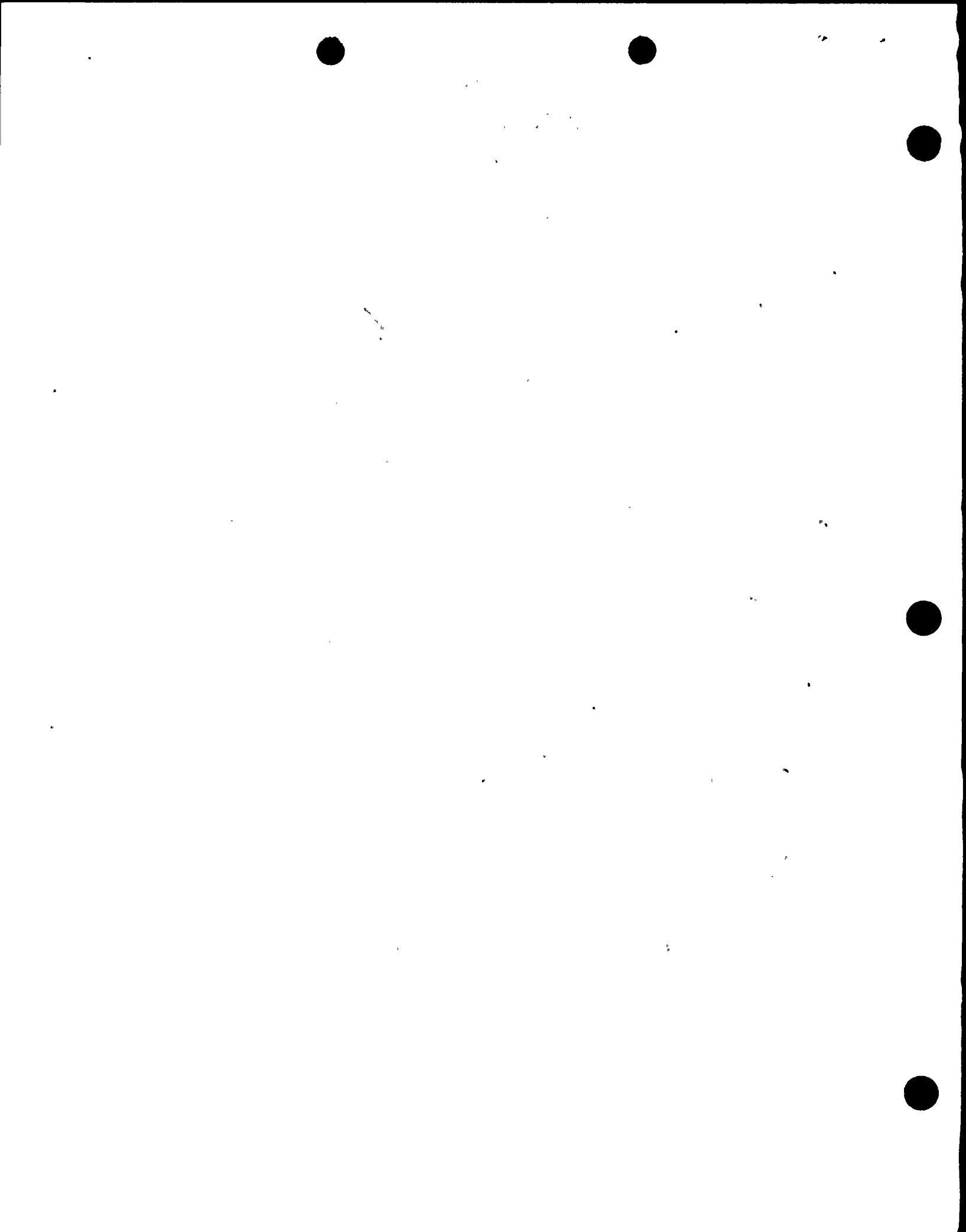
10-iv (Complete Table of Contents)  
Table C-10b, page 11 of 17

10-iv  
Table C-10b, page 11 of 17

VOLUME VIII

10-iv (Complete Table of Contents)

10-iv



NMPNS-2 PSAR

PAGE REVISIONS

SUPPLEMENT 4

The following pages, tables, and figures are to be inserted in the PSAR. These pages are either replacement pages or new pages as indicated below.

Remove old page(s)

Insert new page(s)

VOLUME I

~~10-iv (Complete Table of Contents)~~  
~~2.3-11~~  
~~2.7-4~~  
~~(Figure 2.7-16)~~

~~10-iv~~  
~~2.3-11~~  
~~2.7-4~~  
~~(Figure 2.7-16)~~

VOLUME II

~~10-iv (Complete Table of Contents)~~

~~10-iv~~

VOLUME III

~~10-iv (Complete Table of Contents)~~  
~~5.4-12~~

~~10-iv~~  
~~5.4-12~~

VOLUME IV

~~10-iv (Complete Table of Contents)~~

~~10-iv~~

VOLUME V

~~10-iv (Complete Table of Contents)~~  
~~8.3-1~~  
~~8.5-2~~  
~~8.6-1~~  
~~Table 8.2-1 (Pages 1 of 3 and 2 of 3)~~  
~~Figure 8.2-1~~

~~10-iv~~  
~~8.3-1~~  
~~8.5-2~~  
~~8.6-1~~  
~~Table 8.2-1 (Pages 1 of 3 and 2 of 3)~~  
~~Figure 8.2-1~~

Insert "Supplement to Section 8" divider page behind the last figure in Section 8 (Fig. 8.14-3). Behind this divider page insert pages R8.1-1 through 8.3-1.

~~10-iv (Section 10 Table of Contents)~~  
~~10.5-2~~  
~~10.5-4~~  
~~10.5-5~~  
~~10.6-1 through 10.6-2~~  
~~10.8-1 through 10.8-3~~  
~~10.11-1 through 10.11-3~~  
~~10.17-8~~  
~~10.17-9~~  
~~10.17-13~~

~~10-iv (Section 10 Table of Contents)~~  
~~10.5-2~~  
~~10.5-4~~  
~~10.5-5~~  
~~10.6-1 through 10.6-2~~  
~~10.8-1 through 10.8-3~~  
~~10.11-1 through 10.11-3~~  
~~10.17-8~~  
~~10.17-9~~  
~~10.17-13~~

