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CONTROL NO: 296

FROM: LeBoeuf, Lamb, Leiby & MacRae Washington, D. C. 20036		DATE OF DOC: 1-10-73	DATE REC'D 1-10-73	LTR x	MEMO	RPT	OTHER
TO: John F. O'Leary		ORIG 1 signed	CC	OTHER	SENT AEC PDR X SENT LOCAL PDR X		
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 # 5 notarized 1-5-73 consisting of.....
SUPPL. # 5 containing Rev & addl pages, tables
& figs to PSAR and Ans to questions re our
11-10-72 ltr.
CERT. OF SV., dtd' 1-10-73 showing sv of Amdt # 5
Upon D. I. Gleason, R.P. Jones et al.

ACKNOWLEDGED NOT REMOVE

PLANT NAMES: Nine Mile Point, Unit # 2

(3 Orig & 25 cys Amdt & 70 cys Suppl, 1 cy Cert
of Sv rec'd) *Revised 1-12-73*

FOR ACTION/INFORMATION 1-10-73 fod

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	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

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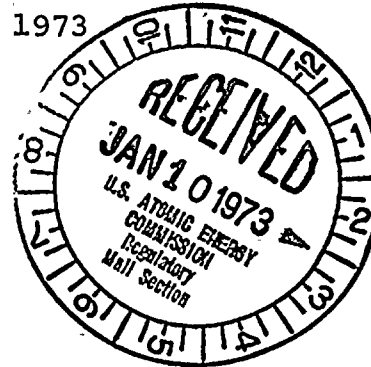
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CABLE ADDRESS
LALALU, WASHINGTON D. C.

January 10, 1973



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:

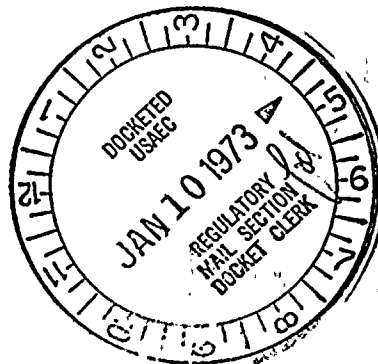
With this letter we transmit three (3) originals and twenty-five (25) copies of Amendment No. 5 to the Application for Licenses in the above-captioned proceeding. Accompanying this amendment are seventy (70) copies of Supplement No. 5 containing information requested by Mr. Roger Boyd, Assistant Director for Boiling Water Reactors, in his letter of November 10, 1972 concerning Sections 4, 5, 9 and 14 and Appendices C and D of the Preliminary Safety Analysis Report.

This supplement is a complete response to the requests for information but for a portion of request 14.2 dealing with the main steamline break. This remaining portion of the requested analyses will be submitted to the Commission on or before February 15, 1973.

A Certificate of Service is also enclosed.

Very truly yours,

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



Enclosures

LA



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BEFORE THE UNITED STATES
ATOMIC ENERGY COMMISSION

Regulatory

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Received w/ltv Dated 1-10-73

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

Docket No. 50-410

AMENDMENT NO. 5
TO
APPLICATION FOR LICENSES

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 November 10, 1972, requested certain additional information concerning Sections 4, 5, 9 and 14 and Appendixes C and D, in the Preliminary Safety Analysis Report.

In accordance with this request, the Applicant hereby files Amendment No. 5 to its Application for Licenses transmitting Supplement No. 5 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 5th day of January, 1973.

Carolyn F. Robertson
Notary Public

CAROLYN F. ROBERTSON
Notary Public in the State of New York
Qualified in Onondaga Co. No. 34-059912
My Commission Expires March 30, 1974



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Main body of faint, illegible text, appearing to be several paragraphs of a document.

BEFORE THE UNITED STATES

ATOMIC ENERGY COMMISSION

Regulatory

File Cy.

Received w/Ltr Dated 1-10-73

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

CERTIFICATE OF SERVICE

I hereby certify that I have served, pursuant to the Atomic Energy Commission's Rules and Regulations, copies of Amendment No. 5 to the Application for Licenses in the above-captioned proceeding, together with copies of Supplement No. 5 to the Preliminary Safety Analysis Report upon the following persons this 10th day of January 1973.

AEC Regulatory Staff
William Massar, Esq.
Bernard M. Bordenick, Esq.
Mark R. Haflich, Esq.
U.S. Atomic Energy Commission
Washington, D.C. 20545
(1 copy)

New York State Atomic Energy
Council
Peter L. Rupert, Esq.
J. Bruce MacDonald, Esq.
Bruce L. Martin, Esq.
Department of Commerce
99 Washington Avenue
Albany, New York 12210
(1 copy)

Daniel M. Head, Esq.
Atomic Safety and Licensing
Board Panel
U.S. Atomic Energy Commission
Washington, D.C. 20545
(1 copy)

Joseph F. Tubridy, Esq.
4100 Cathedral Avenue, N.W.
Washington, D.C. 20016
(1 copy)

Dr. Marvin M. Mann
Technical Advisor
Atomic Safety and Licensing
Board Panel
U.S. Atomic Energy Commission
Washington, D.C. 20545
(1 copy)

The first part of the document discusses the importance of maintaining accurate records of all transactions. It emphasizes that every entry should be supported by a valid receipt or invoice. This ensures transparency and allows for easy verification of the data.

In the second section, the author outlines the various methods used to collect and analyze the data. This includes both manual and automated processes. The goal is to ensure that the information is both reliable and up-to-date.

The third part of the report details the results of the analysis. It shows a clear upward trend in the data over the period covered. This indicates that the current strategy is effective and that there is significant potential for further growth.

Finally, the document concludes with a series of recommendations for future action. These include investing in new technology to streamline operations and expanding into new markets to reach a wider audience.

Dr. William E. Martin
 Senior Ecologist
 Battelle Memorial Institute
 Columbus, Ohio 43201
 (1 copy)

Mr. Gustave A. Linenberger
 Atomic Safety and Licensing
 Board Panel
 U.S. Atomic Energy Commission
 Washington, D.C. 20545
 (1 copy)

Mr. Nathaniel H. Goodrich
 Chairman
 Atomic Safety and Licensing
 Board Panel
 U.S. Atomic Energy Commission
 Washington, D.C. 20545
 (1 copy)

Secretary
 U.S. Atomic Energy Commission
 Washington, D.C. 20545
 (1 copy)

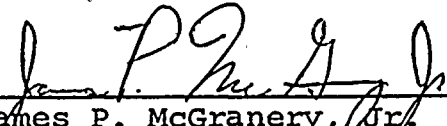
Mr. Angelo Giambusso
 Deputy Director for Reactor Projects
 U.S. Atomic Energy Commission
 Washington, D.C. 20545
 (2 copies)

Miss Suzanne Weber
 78 West Seneca Street
 Oswego, New York 13126
 (1 copy)

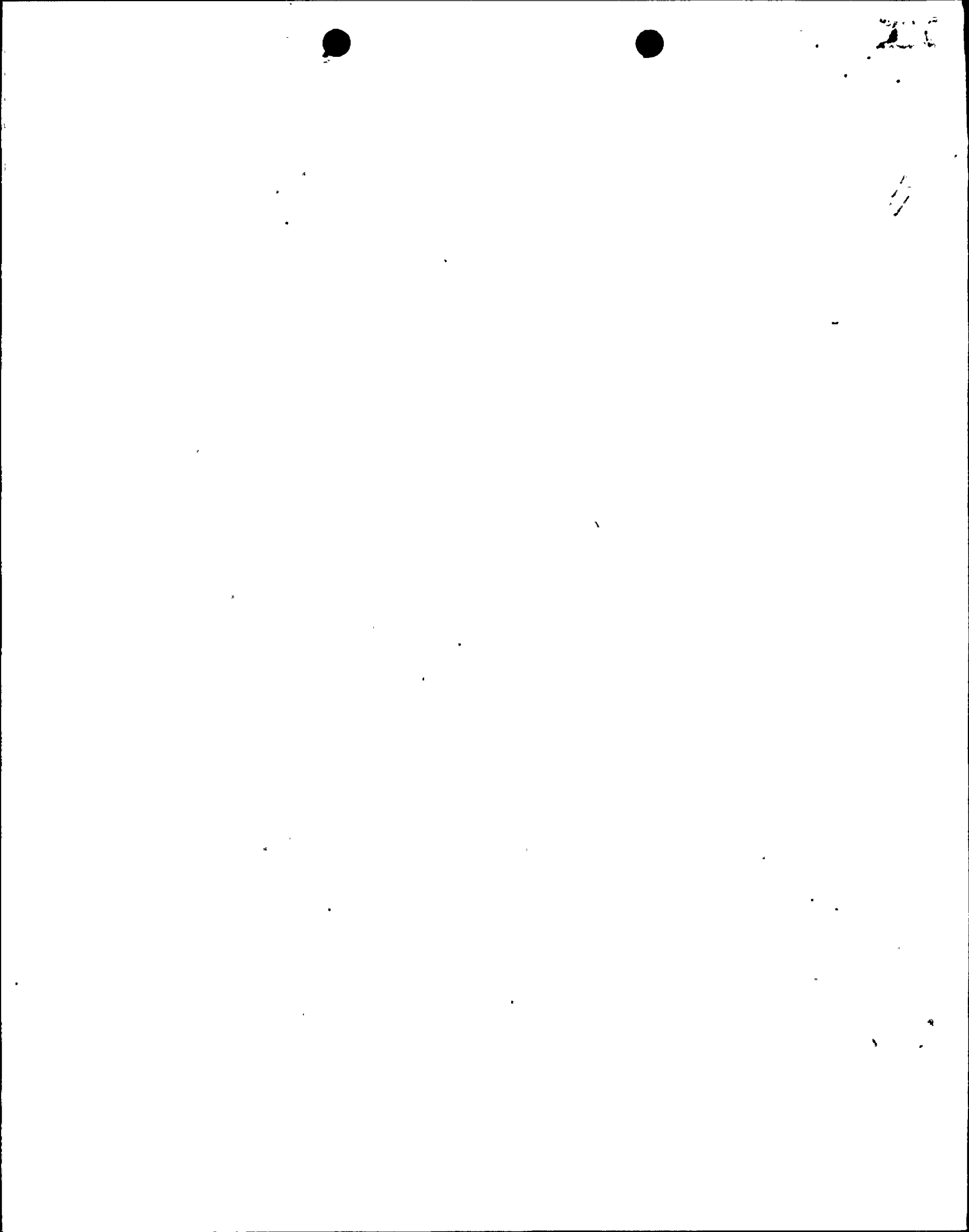
Ecology Action
 c/o Richard Goldsmith
 Syracuse University
 College of Law
 E.I. White Hall, Campus
 Syracuse, New York 13210
 (1 copy)

Mr. Donald I. Gleason
 Chairman, County Legislature
 County Office Building
 46 East Bridge Street
 Oswego, New York 13126
 (1 copy)

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



 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

File Cy. 3

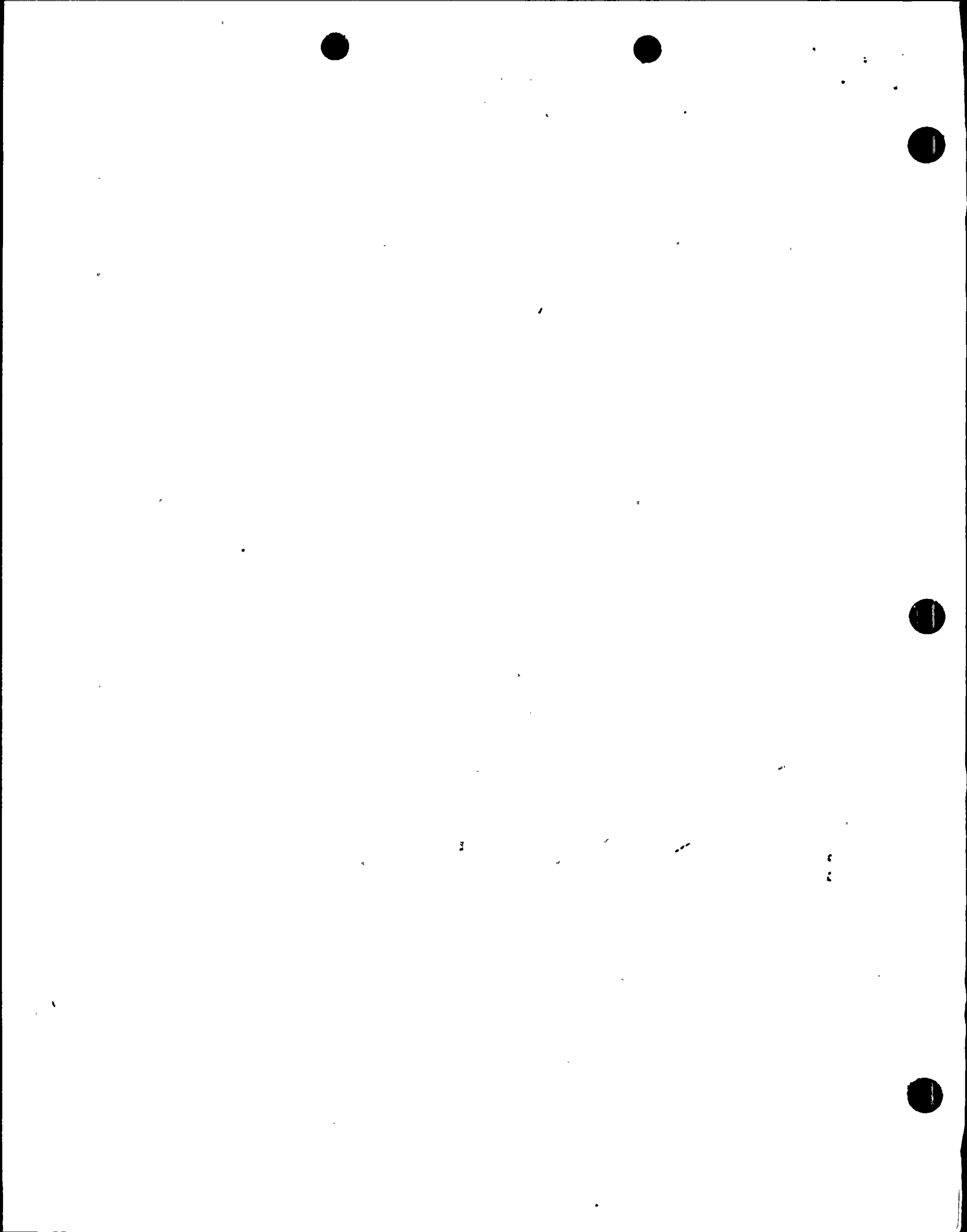
PSAR SUPPLEMENT 5

Received w/lt: Dated 1-10-73

This supplement, designated as PSAR Supplement 5, consists of the following:

Responses to the letter of November 10, 1972, from Mr. Roger S. Boyd, Assistant Director for Boiling Water Reactors, Directorate of Licensing, (including revisions to affected sections).

Revisions to Sections 1, 10, and 11.



PAGE REVISIONS

SUPPLEMENT 5

updated
1-12-73
LB

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

~~911 (Complete Table of Contents)~~
~~011 (Complete Table of Contents)~~
~~Table 1.5-1 (3 of 4)~~
~~Fig. 1.4-3~~

~~911~~
~~011~~
~~Table 1.5-1 (3 of 4)~~
~~Fig. 1.4-3~~

VOLUME II

~~911 (Complete Table of Contents)~~
~~011 (Complete Table of Contents)~~
~~Fig. 4.3-1a~~

~~911~~
~~011~~
~~Fig. 4.3-1a~~

After page R4.9-1 in the Supplement to Section 4, insert pages R4.10-1 through Fig. R4.11-1

VOLUME III

~~911 (Complete Table of Contents)~~
~~011 (Complete Table of Contents)~~
~~5v (Section 5 Table of Contents)~~
~~5vi (Section 5 Table of Contents)~~
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~~5.2-13~~
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~~Fig. 5.2-7~~
~~Fig. 5.2-8~~
~~Fig. 5.4-8~~
~~Fig. 5.4-9~~

~~911~~
~~011~~
~~5v~~
~~5vi~~
~~5.2-12~~
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~~5.2-13~~
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~~5.4-13 through 5.4-15~~
~~Fig. 5.2-7~~
~~Fig. 5.2-8~~
~~Fig. 5.4-8~~
~~Fig. 5.4-9~~

Insert "Supplement to Section 5" divider page behind the last figure in Section 5 (Fig. 5.4-10). Behind this divider page insert pages R5.1-1 through Fig. R5.31-1

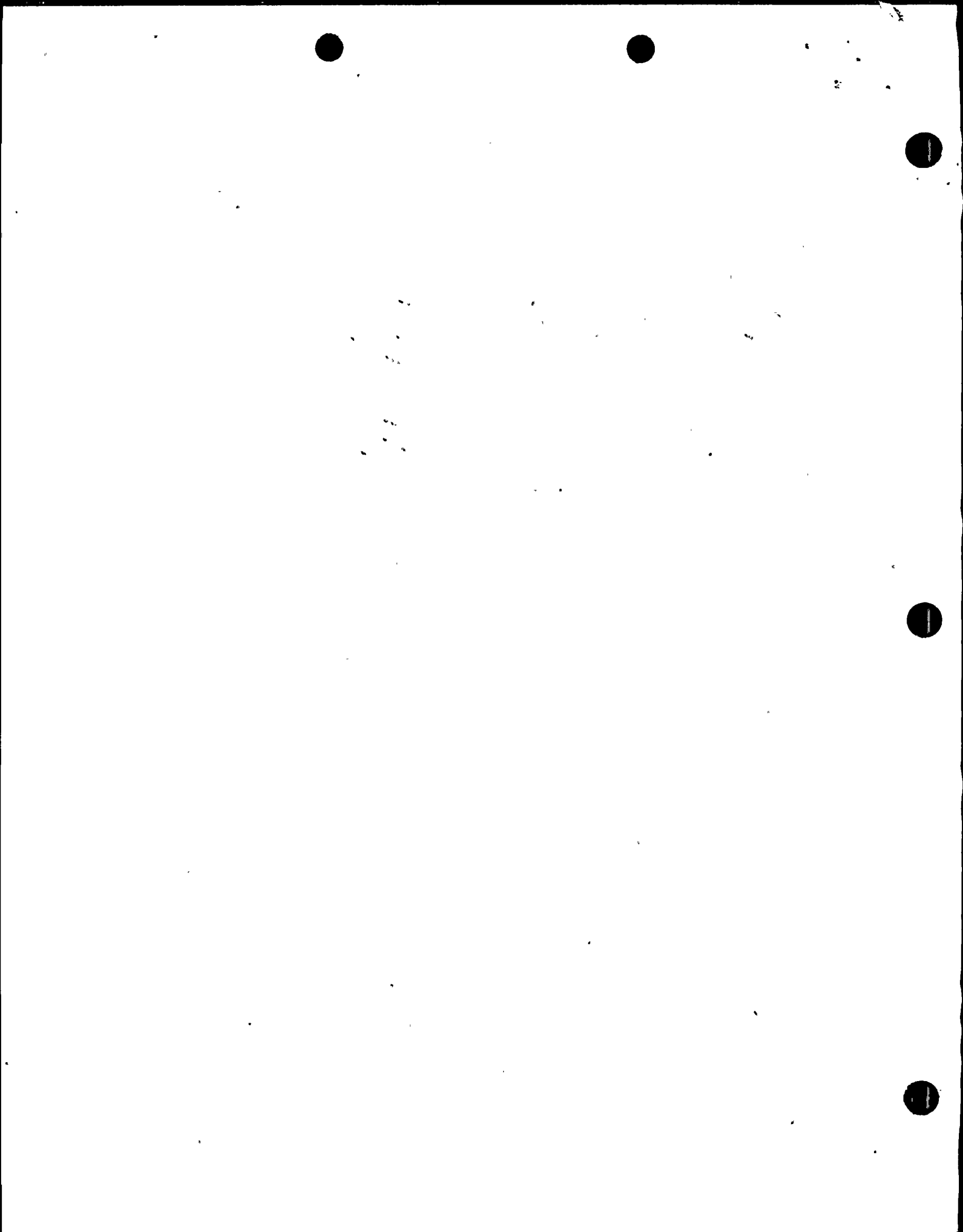
~~Fig. 6.5-35~~

~~Fig. 6.5-35~~

VOLUME IV

~~911 (Complete Table of Contents)~~
~~011 (Complete Table of Contents)~~
~~7.2-5~~
~~7.2-6~~
~~Table 7.2-1 (1 of 6 through 6 of 6)~~
~~Fig. 7.2-1a~~
~~Fig. 7.7-1a~~

~~911~~
~~011~~
~~7.2-5~~
~~7.2-5a~~
~~7.2-6~~
~~Table 7.2-1 (1 of 6 through 6 of 6)~~
~~Fig. 7.2-1a~~
~~Fig. 7.7-1a~~



PAGE REVISIONS (CONT'D)

SUPPLEMENT 5

Remove old page(s)

Insert new page(s)

VOLUME V

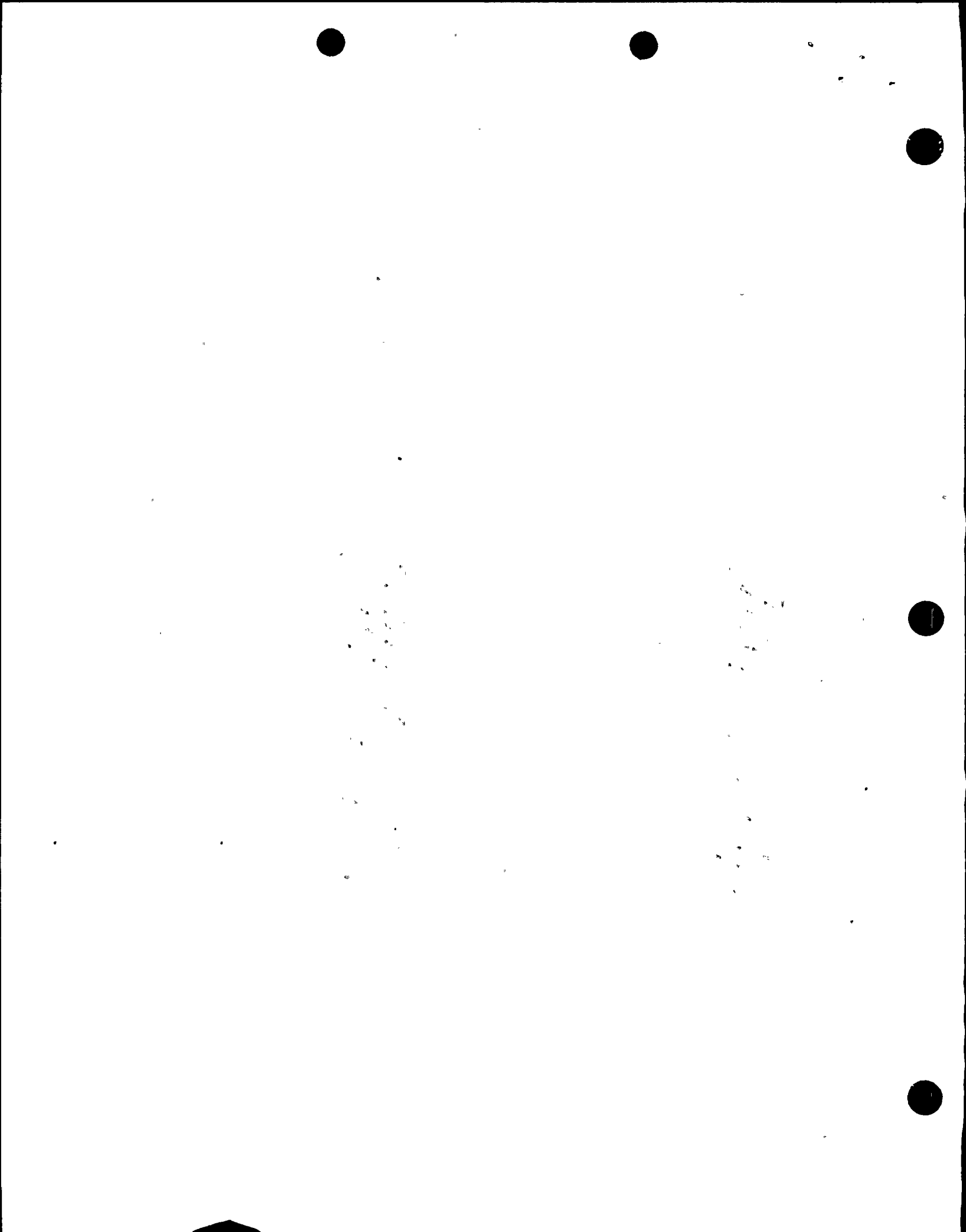
~~9ii (Complete Table of Contents)~~
~~Cii (Complete Table of Contents)~~
~~9ii (Section 9 Table of Contents)~~
~~9v (Section 9 Table of Contents)~~
~~9.4-2 through 9.4-6~~
~~Table 9.2-1 (1 of 3 and 2 of 3)~~
~~Table 9.4-2 (1 of 3 through 3 of 3)~~
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~~Fig. 9.4-1~~
~~-~~

~~9ii~~
~~Cii~~
~~9ii~~
~~9v~~
~~9.4-2 through 9.4-6~~
~~Table 9.2-1 (1 of 3 and 2 of 3)~~
~~Table 9.4-2 (1 of 2 and 2 of 2)~~
~~Fig. 9.2-1a~~
~~Fig. 9.2-1b~~
~~Fig. 9.2-1c~~
~~Fig. 9.4-1~~
~~Fig. 9.4-2~~

Insert "Supplement to Section 9" divider page behind the last figure in Section 9 (Fig. 9.4-2). Behind this divider page insert pages R9.1-1 through R9.7-1.

~~Fig. 10.6-1~~
~~11.10-9~~
~~Fig. 11.8-2~~
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~~12vii (Section 12 Table of Contents)~~
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~~Fig. 10.6-1~~
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~~12.5-42~~
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~~Table 12.3-1 (1 of 1)~~
~~Fig. 12.1-3~~
~~Fig. 12.5-1~~
~~Fig. 12.5-4~~
~~Fig. 12.5-4a~~
~~Fig. 12.5-4b~~
~~Fig. 12.5-4c~~



PAGE REVISIONS (CONT'D)

SUPPLEMENT 5

Remove old page(s)

Insert new page(s)

VOLUME VI

~~9ii (Complete Table of Contents)~~
~~Cii (Complete Table of Contents)~~
~~14.4-2~~

~~9ii~~
~~Cii~~
~~14.4-2~~

Insert "Supplement to Section 14" divider page behind the last figure in Section 14 (Fig. 14.8-1). Behind this divider page insert pages R14.1-1 through Fig. R14.2-4.

VOLUME VII

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~~C1i (Appendix C Table of Contents)~~
~~C11i (Appendix C Table of Contents)~~
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~~C-21~~
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~~C-33~~
~~Table C-1b (1 of 2)~~
~~Table C-2a (1 of 2 and 2 of 2)~~
~~Table C-2b (1 of 2 and 2 of 2)~~
~~Table C-10a (2 of 10 and 3 of 10)~~
~~Table C-10b (1 of 17 through 17 of 17)~~
~~C-11~~
~~Table C-13~~
~~Table C-14 (1 of 3 and 3 of 3)~~

~~9ii~~
~~Cii~~
~~C1i~~
~~C11i~~
~~C-17~~
~~C-21~~
~~C-26 through C-30~~
~~C-30a through C-30e~~
~~C-33~~
~~Table C-1b (1 of 2)~~
~~Table C-2a (1 of 2 and 2 of 2)~~
~~Table C-2b (1 of 2 and 2 of 2)~~
~~Table C-10a (2 of 10 and 3 of 10)~~
~~Table C-10b (1 of 18 through 18 of 18)~~
~~Table C-13a~~
~~Table C-13b~~
~~Table C-14 (1 of 3 and 3 of 3)~~

Insert "Supplement to Appendix C" divider page behind the last figure in Appendix C (Fig. C-1). Behind this divider page, insert pages RC.1.1-1 through RC.11.7-1.

~~Fig. D.2-1~~
~~Fig. D.3-1~~
~~Fig. D.4-1~~

~~Fig. D.2-1~~
~~Fig. D.3-1~~
~~Fig. D.4-1~~

Insert "Supplement to Appendix D" divider page behind the last figure in Appendix D (Fig. D.4-1). Behind this divider page, insert pages D.1-1 through D.30-1.

VOLUME VIII

~~9ii (Complete Table of Contents)~~
~~Cii (Complete Table of Contents)~~

~~9ii~~
~~Cii~~

