

John D. O'Toole
Vice President

Consolidated Edison Company of New York, Inc.
4 Irving Place, New York, NY 10003
Telephone (212) 460-2533

July 19, 1985
Re: Indian Point Unit No. 2
Docket No. 50-247

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

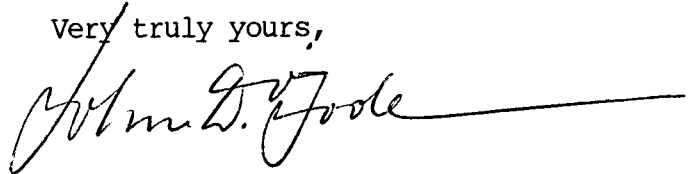
Dear Mr. Denton:

In accordance with 10 CFR 50.71(e), Consolidated Edison Company of New York, Inc. hereby submits one signed original and twelve (12) copies of Revision 3 to the Updated Final Safety Analysis Report (FSAR) for Indian Point Unit No. 2. As also required by 10 CFR 50.71(e)(2), enclosed with this letter is my certification, as a duly authorized officer of Consolidated Edison.

This submittal provides the third annual revision to the Updated FSAR submitted on July 22, 1982. As required, this submittal brings the Updated FSAR current as of a time no more than six months prior to the date of this letter. All changes made under the provisions of 10 CFR 50.59 are reported pursuant to 10 CFR 50.59(b).

Should you or your staff have any questions, please contact us.

Very truly yours,



Enclosure

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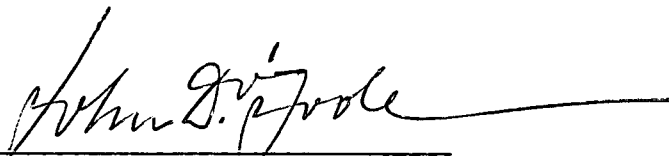
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In the Matter of)
)
Consolidated Edison Company)
of New York, Inc.)
(Indian Point Station,) Docket No. 50-247
Unit No. 2)

Certification for Updated Final
Safety Analysis Report

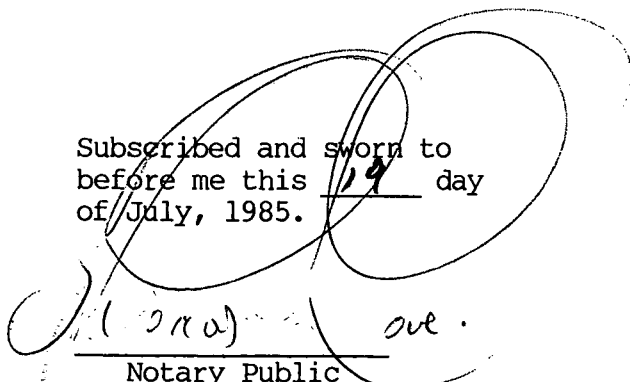
I, John D. O'Toole, am a Vice President of Consolidated Edison Company of New York, Inc. Revision 3 to the Updated Final Safety Analysis Report (FSAR) for Indian Point Unit No. 2 was prepared pursuant to the requirements of 10 CFR 50.71(e) at my direction and under my supervision. I believe the contents thereof to be true and accurate based upon my personal knowledge and upon information received from other company officials and our consultant, and that said contents reasonably present changes to the subject facility made since the previous submittal, necessary to reflect information and analyses submitted to the Commission or prepared pursuant to Commission requirements or made under the provisions of 10 CFR 50.59 but not previously submitted to the Commission.

Revision 3 to the Indian Point Unit No. 2 Updated FSAR was prepared by NUS Corporation under contract to Consolidated Edison. In addition, the revised document underwent a broad internal review within Consolidated Edison itself. Based on these efforts, I believe that Revision 3 to the Updated FSAR accurately presents changes made to the facility as of a time no more than six months prior to this date. Any editorial or technical discrepancies discovered following submittal of this document will be corrected in the next annual revision due in 1986.



John D. O'Foole
Vice President

Subscribed and sworn to
before me this 19 day
of July, 1985.



Notary Public

THOMAS LOVE
Notary Public, State of New York
No. 31-2409638
Qualified in New York County
Commission Expires March 30, 1987

*Docs - to
be completed
in Vol. 7*

INDIAN POINT UNIT 2
UPDATED FINAL SAFETY ANALYSIS REPORT

REVISION 3 INSTRUCTIONS

The following Revision 3 instructions indicate replacement pages, deleted, and additional pages for the Updated Indian Point Unit 2 FSAR. Remove old pages and insert corresponding replacement pages.

<u>Location</u>	<u>Remove Pages</u>	<u>Insert Revision 3 Pages</u>
VOLUME 1		
<u>List of Effective Pages</u>	LEP-1/LEP-2 through LEP-31/LEP-32	LEP-1/LEP-2 through LEP-57/Blank
<u>Chapter 1</u>	1.1-1/1.1-2	1.1-1/1.1-2
	Figure 1.2-2 Figure 1.2-3	Figure 1.2-2 Figure 1.2-3
	Figure 1.2-5 Figure 1.2-6 Figure 1.2-7 Sheet 1 Sheet 3	Figure 1.2-5 Figure 1.2-6 Figure 1.2-7 Sheet 1 Sheet 3
	Figure 1.2-8	Figure 1.2-8
	1.3-1/1.3-2	1.3-1/1.3-2
	1.9-3/1.9-4	1.9-3/1.9-4
	1.10-1/1.10-2	1.10-1/1.10-2
	1.11-5/1.11-6	1.11-5/1.11-6
	1.11-9/1.11-10	1.11-9/1.11-10
	1.11-31/1.11-32	1.11-31/1.11-32
	1.11-41/1.11-42	1.11-41/1.11-42
	1.11-49/1.11-50 through 1.11-53/Blank	1.11-49/1.11-50 through 1.11-53/Blank
	1.12-1/1.12-2	1.12-1/1.12-2
<u>Chapter 2</u>	2.1-3/2.1-4	2.1-3/2.1-4
	Figure 2.2-1 Figure 2.2-2	Figure 2.2-1 Figure 2.2-2

<u>Location</u>	<u>Remove Pages</u>	<u>Insert Revision 3 Pages</u>
<u>Chapter 2 (Continued)</u>	2.3-1/Blank	2.3-1/Blank
	Figure 2.3-1	Figure 2.3-1
	2.4-1/2.4-2	2.4-1/2.4-2
	2.5-1/2.5-2	2.5-1/2.5-2
	2.5-5/2.5-6	2.5-5/2.5-6
	2.6-1/2.6-2	2.6-1/2.6-2
	2.8-1/2.8-2	2.8-1/2.8-2
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<u>Chapter 3</u>	3-i/3-ii	3-i/3-ii
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	-----	Tab for 3.0
	-----	3.0-1/Blank
	3.1-1/3.1-2 through	3.1-1/3.1-2 through
	3.1-15/Blank	3.1-13/3.1-14
	3.2-3/3.2-4	3.2-3/3.2-4
	3.2-65/3.2-66	3.2-65/3.2-66
	3.2-73/3.2-74 through	3.2-73/3.2-74 through
	3.2-79/3.2-80	3.2-79/3.2-80
	Figure 3.2-51	Figure 3.2-51
<u>Chapter 4</u>	4-i/4-ii	4-i/4-ii
	4-vii/Blank	4-vii/Blank
	-----	Tab for 4.0
	-----	4.0-1/Blank
	4.1-1/4.1-2 through	4.1-1/4.1-2 through
	4.1-15/4.1-16	4.1-15/4.1-16
	4.2-5/4.2-6	4.2-5/4.2-6
	4.2-17/4.2-18 through	4.2-17/4.2-18 through
	4.2-23/4.2-24	4.2-23/4.2-24

<u>Location</u>	<u>Remove Pages</u>	<u>Insert Revision 3 Pages</u>
<u>Chapter 4 (Continued)</u>	4.2-31/4.2-32	4.2-31/4.2-32
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	Figure 4.2-1	Figure 4.2-1
	-----	Figure 4.2-12
	4.3-7/4.3-8	4.3-7/4.3-8
	4.3-11/4.3-12	4.3-11/4.3-12
	4.3-13/4.3-14	4.3-13/4.3-14
	4.5-5/4.5-6	4.5-5/4.5-6
VOLUME 3		
<u>Chapter 5</u>	5-i/5-ii	5-i/5-ii
	5.1-3/5.1-4	5.1-3/5.1-4
	5.1-65/5.1-66 through	5.1-65/5.1-66 through
	5.1-71/5.1-72	5.1-71/5.1-72
	5.2-11/5.2-12 through	5.2-11/5.2-12 through
	5.2-19/5.2-20	5.2-19/5.2-20
	Figure 5.2-2	Figure 5.2-2
	Figure 5.2-15	Figure 5.2-15
	Figure 5.2-27	Figure 5.2-27
	Figure 5.3-1	Figure 5.3-1
VOLUME 4		
<u>Chapter 5 (Continued)</u>	Cover sheet for Appendix 5A	Cover sheet for Appendix 5A
VOLUME 5		
<u>Chapter 6</u>	6-i/6-ii	6-i/6-ii
	6-v/6-vi	6-v/6-vi
	6-vii/6-viii	6-vii/6-viii
	6-xiii/6-xiv	6-xiii/6-xiv
	-----	Tab for 6.0
	-----	6.0-1/Blank

<u>Location</u>	<u>Remove Pages</u>	<u>Insert Revision 3 Pages</u>
<u>Chapter 6 (Continued)</u>		
	6.1-1/6.1-2 through 6.1-9/Blank	6.1-1/6.1-2 through 6.1-7/6.1-8
	6.2-63/6.2-64	6.2-63/6.2-64
	Figure 6.2-1 Figure 6.2-2	Figure 6.2-1 Figure 6.2-2
	Figure 6.2-4	Figure 6.2-4
	6.3-13/6.3-14	6.3-13/6.3-14
	6.4-13/6.4-14 through 6.4-19/6.4-20	6.4-13/6.4-14 through 6.4-19/6.4-20
	6.4-25/6.4-26	6.4-25/6.4-26
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	Figure 6.4-1 through Figure 6.4-4	Figure 6.4-1 through Figure 6.4-4
	6.5-3/6.5-4 through 6.5-9/6.5-10	6.5-3/6.5-4 through 6.5-9/6.5-10
	Figure 6.5-1	Figure 6.5-1
	6.6-3/6.6-4	6.6-3/6.6-4
	Figure 6.6-1	Figure 6.6-1
	6.7-5/6.7-6	6.7-5/6.7-6
	6.7-31/Blank	6.7-31/Blank
	6.8-3/6.8-4	6.8-3/6.8-4
	6.8-7/6.8-8 through 6.8-13/6.8-14	6.8-7/6.8-8 through 6.8-13/6.8-14
	6.8-21/Blank	6.8-21/Blank
	Figure 6.8-2 Sheet 1	Figure 6.8-2 Sheet 1 Sheet 2

<u>Location</u>	<u>Remove Pages</u>	<u>Insert Revision 3 Pages</u>
<u>Chapter 6 (Continued)</u>	Figure 6.8-5 Sheet 2 through Figure 6.8-10	Figure 6.8-5 through Figure 6.8-9
	6A-15/6A-16	6A-15/6A-16
	6A-21/Blank	6A-21/Blank
VOLUME 6		
<u>Chapter 7</u>	7-i/7-ii through 7-xi/7-xii	7-i/7-ii through 7-xi/7-xii
	7.1-11/7.1-12 through 7.1-21/Blank	7.1-11/7.1-12 through 7.1-23/Blank
	7.2-1/7.2-2 through 7.2-5/7.2-6	7.2-1/7.2-2 through 7.2-5/7.2-6
	7.2-25/7.2-26	7.2-25/7.2-26
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	Figure 7.2-1 through Figure 7.2-15	Figure 7.2-1 through Figure 7.2-15
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	Figure 7.2-30 through Figure 7.2-33	Figure 7.2-30 through Figure 7.2-34

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<u>Chapter 7 (Continued)</u>	7.4-1/7.4-2 through 7.4-13/7.4-14	7.4-1/7.4-2 through 7.4-13/7.4-14
	Figure 7.4-3	Figure 7.4-3
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	Figure 7.7-1	Figure 7.7-1
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	8.2-1/8.2-2 through 8.2-23/8.2-24	8.2-1/8.2-2 through 8.2-23/8.2-24
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	----- -----	Tab for 9.0 9.0-1/9.0-2 9.0-3/Blank
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	9.2-1/9.2-2	9.2-1/9.2-2

<u>Location</u>	<u>Remove Pages</u>	<u>Insert Revision 3 Pages</u>
<u>Chapter 9 (Continued)</u>	9.2-33/9.2-34	9.2-33/9.2-34
	Figure 9.2-1 Sheet 1 Sheet 2 Sheet 3 -----	Figure 9.2-1 Sheet 1 Sheet 2 Sheet 3 Figure 9.2-2
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	9.3-11/9.3-12	9.3-11/9.3-12
	9.3-17/9.3-18	9.3-17/9.3-18
	9.3-23/9.3-24	9.3-23/9.3-24
	9.3-25/9.3-26	9.3-25/9.3-26
	Figure 9.3-1 Sheet 1 Sheet 2	Figure 9.3-1 Sheet 1 Sheet 2
	9.4-1/9.4-2 through	9.4-1/9.4-2 through
	9.4-11/9.4-12	9.4-11/9.4-12
	9.4-21/9.4-22	9.4-21/9.4-22
	9.4-23/Blank	through 9.4-25/Blank
	Figure 9.4-1 Sheet 1 Sheet 2	Figure 9.4-1 Sheet 1 Sheet 2
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	9.6-1/9.6-2	9.6-1/9.6-2
	9.6-3/9.6-4	9.6-3/9.6-4
	9.6-9/9.6-10 through	9.6-9/9.6-10 through
	9.6-29/Blank	9.6-31/Blank
	Figure 9.6-1 Sheet 1 Sheet 2	Figure 9.6-1 Sheet 1 Sheet 2
	Figure 9.6-2	Figure 9.6-2
	Figure 9.6-3 Sheet 1 Sheet 2 Sheet 3 Sheet 4	Figure 9.6-3 Sheet 1 Sheet 2 Sheet 3 Sheet 4

<u>Location</u>	<u>Remove Pages</u>	<u>Insert Revision 3 Pages</u>
<u>Chapter 9 (Continued)</u>	Figure 9.6-5 Sheet 1 Sheet 2 Sheet 3 ----- -----	Figure 9.6-5 Sheet 1 Sheet 2 Sheet 3 Figure 9.6-6 Figure 9.6-7
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<u>Location</u>	<u>Remove Pages</u>	<u>Insert Revision 3 Pages</u>
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	12.1-1/12.1-2	12.1-1/12.1-2
	Figure 12.1-1	-----
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	12.7-3/Blank	12.7-3/Blank
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	-----	Tab for 13.0
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	14.1-3/14.1-4 through	14.1-3/14.1-4 through
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	Figure 14.1-1 through	Figure 14.1-1 through
	Figure 14.1-5	Figure 14.1-4
	14.2-21/14.2-22	14.2-21/14.2-22
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<u>Location</u>	<u>Remove Pages</u>	<u>Insert Revision 3 Pages</u>
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	Figure 14.2-4	Figure 14.2-4 Sheet 1 Sheet 2
	Figure 14.2-5	Figure 14.2-5 Sheet 1 Sheet 2
	Figure 14.2-6	Figure 14.2-6 Sheet 1 Sheet 2
	Figure 14.2-7	Figure 14.2-7 Sheet 1 Sheet 2
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