



LONG ISLAND LIGHTING COMPANY

SHOREHAM NUCLEAR POWER STATION

P.O. BOX 618, NORTH COUNTRY ROAD • WADING RIVER, N.Y. 11792

JOHN D. LEONARD, JR.
VICE PRESIDENT - NUCLEAR OPERATIONS

September 25, 1984

SNRC-1085

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

Amendment No. 51 to License Application
Shoreham Nuclear Power Station - Unit 1
Docket No. 50-322

Dear Mr. Denton:

Long Island Lighting Company hereby submits Amendment number 51 to its License Application, consisting of Revision 33 to the Final Safety Analysis Report (FSAR).

The following significant items are included in this revision:

1. Chapter 13 and Section 17.2 were substantially revised to reflect a recent management reorganization.
2. Sections 9.4 and II.E.4.2 were revised to allow for bypassing charcoal filters when venting the primary containment in accordance with the Technical Specification requirements.
3. Section 6.2 along with Table 6.2.3-1 and Figure 6.2.3-2 were revised to reflect the RBSVS temperature control redesign.
4. Table 12.3.4-1 "Area Monitors" was revised to agree with the Technical Specifications.
5. Sections 6.2, 7.3, 9.4, 11.4 and II.E.4.2 along with Tables 6.2.4-1, 11.4.3-1 and II.E.4.2-1, Figure 7.3.1-19A and Exhibits 223.99-9, 10, and 11 were amended to reflect the automatic isolation of containment purge lines via the RBSVS actuation revision.
6. Section 11.3 "Unmonitored Release Points" was updated in response to a Region I NRC inspection request.
7. Table 11.6.3-2 and Figure 11.6.3-2 were revised to agree with the Offsite Dose Calculation Manual (ODCM).

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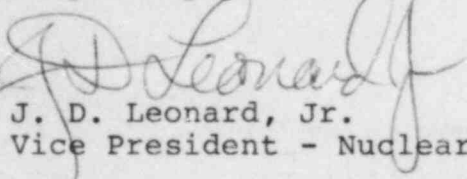
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8. Sections 14.1, 14.3 and Table 14.1.1-1 were revised in response to the Notice of Deviation contained in Appendix A of Region I Inspection Report 50-322/84-31 dated September 12, 1984.
9. Sections 5.2, 6.3, 7.3 and II.K.3.18 along with Tables 6.3.3-4, 6.3.3-6, 7.3.1-2, 7.3.2-2 and Figures 6.3.2-7A, 7.3.1-6 and 7.3.1-7C were revised to reflect the ADS logic modification.

Many of the above items reflect FSAR closure of concerns identified in the course of NRC Staff and LILCO review of the Shoreham license application and Region I on-site engineering review.

Three (3) signed originals of Amendment 51 and an additional sixty (60) copies are being transmitted herewith. Instructions for making the necessary page changes are enclosed for your convenience.

Very truly yours,



J. D. Leonard, Jr.
Vice President - Nuclear Operations

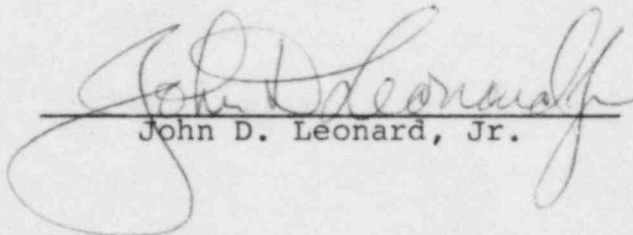
TD:ck

cc: P. Eselgroth
C. Petrone
All Parties Listed in Attachment 1

AFFIDAVIT

STATE OF NEW YORK)
 : SS:
COUNTY OF SUFFOLK)

JOHN D. LEONARD, Jr. being duly sworn, deposes and says I am the Vice President, Nuclear Operations for the Long Island Lighting Company. That I am authorized on the part of said Company to sign and file with the U.S. Nuclear Regulatory Commission the foregoing Amendment No. 51 to License Application, Shoreham Nuclear Power Station - Unit 1. That Amendment No. 51 was prepared under my supervision and direction; and that the statements contained therein are true and correct to the best of this knowledge, information and belief.



John D. Leonard, Jr.

Sworn to before me this
26 day of September 1984

Connie-Maria Pardo

CONNIE-MARIA PARDO
NOTARY PUBLIC, State of New York
No. 52-16158-10
Qualified in Suffolk County
Commission Expires March 30, 1985

ATTACHMENT I

Lawrence Brenner, Esq.
Administrative Judge
Atomic Safety and Licensing
Board Panel
U.S. Nuclear Regulatory Commission
Washington, DC 20555

Dr. George A. Ferguson
Administrative Judge
Atomic Safety and Licensing
Board Panel
School of Engineering
Howard University
2300 6th Street, NW
Washington, DC 20059

Bernard M. Bordenick, Esq.
David A. Repka, Esq.
U.S. Nuclear Regulatory Commission
Washington, DC 20555

* For Federal Express
7735 Old Georgetown Road
To Mailroom
Bethesda, MD 20814

Ralph Shapiro, Esq.
Cammer and Shapiro, P.C.
3 East 40th Street
New York, NY 10016

Secretary of the Commission
U.S. Nuclear Regulatory Commission
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Atomic Safety and Licensing
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Jay Dunkleberger Esq.
New York State Energy Office
Agency Building 2
Empire State Plaza
Albany, NY 12223

Jonathan D. Feinberg, Esq.
New York State Department of
Public Service
Three Empire State Plaza
Albany, NY 12223

James Dougherty, Esq.
3045 Porter Street, NW
Washington, DC 20008

Herbert H. Brown, Esq.
Lawrence Coe Lanpher, Esq.
Alan R. Dynner, Esq.
Kirkpatrick, Lockhart, Hill
Christopher & Phillips
8th Floor
1900 M Street, NW
Washington, DC 20036

Mr. Marc W. Goldsmith
Energy Research Group
4001 Totten Pond Road
Waltham, MA 02154

MHB Technical Associates
1723 Hamilton Avenue
Suite K
San Jose, CA 95125

Stephen B. Latham, Esq.
Twomey, Latham & Shea
33 West Second Street
P.O. Box 398
Riverhead, NY 11901

Fabian G. Palomino, Esq.
Special Counsel to the Governor
Executive Chamber, Room 229
State Capitol
Albany, NY 12224

Atomic Safety and Licensing
Appeal Board Panel
U.S. Nuclear Regulatory
Commission
Washington, DC 20555

Robert E. Smith, Esq.
Guggenheimer & Untermeyer
80 Pine Street
New York, NY 10005

Martin Bradley Ashare
Attn: Patricia A. Dempsey, Esq.
Suffolk County Attorney
H. Lee Dennison Building
Veterans Memorial Highway
Hauppauge, NY 11788

Dr. Peter A. Morris
Administrative Judge
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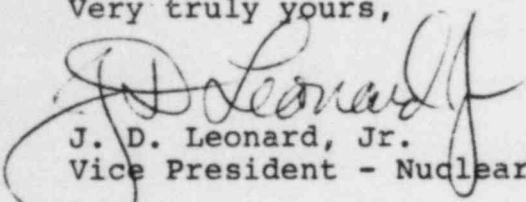
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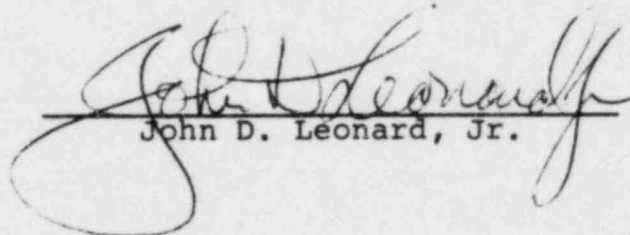
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Empire State Plaza
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