



# LONG ISLAND LIGHTING COMPANY

SHOREHAM NUCLEAR POWER STATION

P.O. BOX 616, NORTH COUNTRY ROAD • WADING RIVER, N.Y. 11792

Direct Dial Number

April 12, 1983

SNRC- 870

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

Amendment No. 47 to License Application  
Shoreham Nuclear Power Station - Unit 1  
Docket No. 50-322

Dear Mr. Denton:

Long Island Lighting Company hereby submits Amendment 47 to its License Application, consisting of Revision 29 to the Final Safety Analysis Report.

This following significant items are included in this revision:

- (1) Changes to correct discrepancies identified by the Shoreham Plant Configuration Review Program for the following systems;
  - C71 Reactor Protection
  - D11 Process Radiation Monitoring
  - 641 Fuel Pool Cooling and Cleanup
  - M50 RBSVS and CRAC Chilled Water
  - P41 Service Water
  - T23 Reactor Primary Containment
  - T24 Primary Containment Inerting System
  - T48 Primary Containment Atmospheric Control
  - X60 Diesel Generator Ventilation
- (2) Revised steam bypass analysis
- (3) Scram discharge volume modifications
- (4) Revisions to the Shoreham radiation monitoring system description
- (5) Update FSAR to reflect incorporation of MkII hydro-dynamic loads for piping and structural stress evaluations

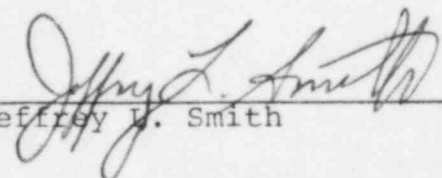
Boo!  
1/60

8304210441 830412  
PDR ADOCK 05000322  
K PDR

AFFIDAVIT

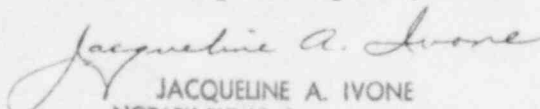
STATE OF NEW YORK)  
: ss: Shoreham  
COUNTY OF SUFFOLK)

JEFFREY L. SMITH, being duly sworn, states that he is Manager, Special Projects, of the Shoreham Project within Long Island Lighting Company; that he is authorized on the part of said Company to sign and file with the U. S. Nuclear Regulatory Commission the foregoing Amendment No. 47 to License Application, Shoreham Nuclear Power Station, Unit 1, Docket No. 50-322; that Amendment No. 47 was prepared under his supervision and direction; and that the statements contained therein are true and correct to the best of his knowledge, information and belief.

  
\_\_\_\_\_  
Jeffrey L. Smith

Sworn to before me this

12 day of April, 1983

  
JACQUELINE A. IVONE  
NOTARY PUBLIC, State of New York  
No. 0114601469, Suffolk County  
Term Expires March 30, 1984

# AFFIDAVIT

STATE OF NEW YORK)

2

ss: Shoreham

COUNTY OF SUFFOLK)

JEFFREY L. SMITH, being duly sworn, states that he is Manager, Special Projects, of the Shoreham Project within Long Island Lighting Company; that he is authorized on the part of said Company to sign and file with the U. S. Nuclear Regulatory Commission the foregoing Amendment No. 47 to License Application, Shoreham Nuclear Power Station, Unit 1, Docket No. 50-322; that Amendment No. 47 was prepared under his supervision and direction; and that the statements contained therein are true and correct to the best of his knowledge, information and belief.

Jeffrey L. Smith

Sworn to before me this

12 day of April, 1983

*Jacqueline A. Ivone*  
JACQUELINE A. IVONE  
NOTARY PUBLIC, State of New York

Y JACQUELINE A. IVONE  
NOTARY PUBLIC, State of New York  
No. 011V4601469, Suffolk County  
Term Expires March 30, 1984

ATTACHMENT 1

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

Dr. Peter A. Morris  
Administrative Judge  
Atomic Safety and Licensing  
Board Panel  
U.S. Nuclear Regulatory Commission  
Washington, D.C. 20555

Dr. James H. Carpenter  
Administrative Judge  
Atomic Safety and Licensing  
Board Panel  
U.S. Nuclear Regulatory Commission  
Washington, D.C. 20555

Daniel F. Brown, Esq.  
Attorney  
Atomic Safety and Licensing  
Board Panel  
U.S. Nuclear Regulatory Commission  
Washington, D.C. 20555

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

James Dougherty  
3045 Porter Street  
Washington, D.C. 20008

Herbert H. Brown, Esq.  
Lawrence Coe Lanpher, Esq.  
Karla J. Letsche, Esq.  
Kirkpatrick, Lockhart, Hill  
Christopher & Phillips  
8th Floor  
1900 M Street, N.W.  
Washington, D.C. 20036

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

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

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

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

Matthew J. Kelly, Esq.  
State of New York  
Department of Public Service  
Three Empire State Plaza  
Albany, New York 12223