



LONG ISLAND LIGHTING COMPANY

SHOREHAM NUCLEAR POWER STATION

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

December 30, 1982

SNRC-813

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

Amendment No. 46 to License Application
Shoreham Nuclear Power Station - Unit 1
Docket No. 50-322

Dear Mr. Denton:

Long Island Lighting Company hereby submits Amendment 46 to its License Application, consisting of Revision 28 to the Final Safety Analysis Report.

This revision contains:

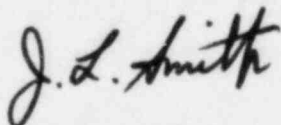
- (1) Changes to correct discrepancies identified by the Shoreham Plant Configuration Review Program for the following systems;
 - B31 Reactor Recirculation System
 - C11 Control Rod Drive Hydraulic System
 - C41 Standby Liquid Control System
 - E11 Residual Heat Removal System
 - E21 Core Spray System
 - E32 Main Steam Isolation Valve Leakage Control System
 - E41 High Pressure Coolant Injection System
 - E51 Reactor Core Isolation Cooling System
- (2) Clarification of SRM and IRM under vessel cable routing.
- (3) Minor corrections and clarifications and revised responses to NRC information requests.

Boo1
S
1/60

December 30, 1982
Mr. Denton
Page 2

Three signed originals of Amendment 46 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,

A handwritten signature in cursive script, reading "J. L. Smith".

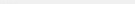
J. L. Smith
Manager, Special Projects
Shoreham Nuclear Power Station

DWD/jm
Enclosures

cc: J. Higgins
All parties

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

Jeffrey L. Smith


 JACQUELINE A IVONE

JACQUELINE A IVONE
NOTARY PUBLIC, State of New York
No. 011Y4601469, Suffolk County
Term Expires March 30, 1984