



**LONG ISLAND LIGHTING COMPANY**

SHOREHAM NUCLEAR POWER STATION

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

August 27, 1982

SNRC-761

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

SER Issue No. 47 - Control System Failures  
Shoreham Nuclear Power Station - Unit 1  
Docket No. 50-322

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Dear Mr. Denton:

As stated in section 7.7 of Supplement No. 1 to the Shoreham Safety Evaluation Report (SER) the Long Island Lighting Company committed to conduct a review to demonstrate that failures or malfunctions of power sources or sensors providing power or signals to two or more control systems will not result in consequences outside the bounds of the FSAR Chapter 15 analyses or beyond the capability of operators or safety systems.

In fulfillment of this commitment, enclosed are forty (40) copies of a report entitled "Control System Failures Evaluation Report". This report concludes that, although new transient category events can be postulated by considering these failures or malfunctions, the net effects have been positively determined to be less severe than those of the original, conservative Chapter 15 events.

The submittal of this report to the staff should be sufficient to completely close SER Issue Number 47.

Should you have any questions, please contact this office.

Very truly yours,

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

RWG:mp

Enclosure

cc: J. Higgins  
All parties

*Boo!*  
*1/40 Encl*  
*Rec'd*