



## LONG ISLAND LIGHTING COMPANY

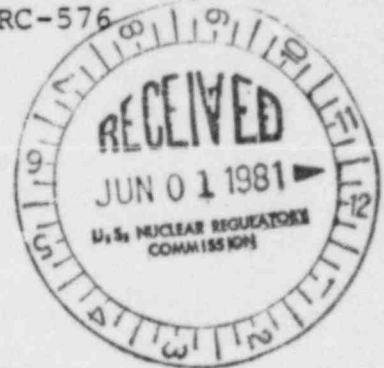
SHOREHAM NUCLEAR POWER STATION

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

May 27, 1981

SNRC-576

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



Equipment Environmental Qualification  
SER Outstanding Issue No. 9  
Shoreham Nuclear Power Station - Unit 1  
Docket No. 50-322

Dear Mr. Denton:

Enclosed herewith are ten copies of the document entitled "Environmental Qualification Program for Class 1E Electrical Equipment for Shoreham Nuclear Power Station - Unit 1", dated May 22, 1981, submitted in response to the letter dated February 21, 1980 from Mr. D. F. Ross, Jr.

This report includes equipment located in harsh, postulated accident-generated environments, both inside and outside primary containment, including balance-of-plant equipment and equipment supplied by Shoreham's nuclear steam system supplier. Appendix C of the submitted document reports the status of the environmental qualification review for individual items of safety-related electrical equipment. The appropriate qualification-related data for each equipment item are also shown in Appendix C, and in the environmental condition profiles (Appendix E) and environmental qualification summary sheets (Appendix B), which are individually referenced in Appendix C.

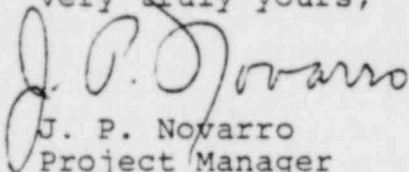
The submitted document is intended to be responsive not only to Mr. Ross' letter but also to descriptions by the NRC staff at general meetings on July 14, 1980 and March 16, 1981 of the information required to be submitted.

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Although the item-by-item review of equipment environmental qualification is not yet complete, we believe that the program is defined and described in the enclosed document in sufficient detail that the Staff can evaluate the adequacy of the program's methods and criteria.

Very truly yours,

A handwritten signature in dark ink, appearing to read "J. P. Novarro". The signature is fluid and cursive, with the first letters of the first and last names being capitalized and prominent.

J. P. Novarro  
Project Manager  
Shoreham Nuclear Power Station

JFE/pd  
Enclosures

cc: J. Higgins