



# LONG ISLAND LIGHTING COMPANY

SHOREHAM NUCLEAR POWER STATION

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

September 11, 1979

SNRC-428

Mr. Boyce Grier, Director  
Office of Inspection & Enforcement  
Region 1  
U.S. Nuclear Regulatory Commission  
631 Park Avenue  
King of Prussia, PA 19406

IE Bulletin 79-15  
Long Island Lighting Company  
Shoreham Nuclear Power Station - Unit 1  
Docket No. 50-322

Dear Mr. Grier:

IE Bulletin 79-15 requested certain information concerning deep draft pumps used in safety related applications. The following is our response to this Bulletin.

Shoreham utilizes four (4) deep draft pumps in the service water system which is the source of cooling water for safety related and non-safety related systems throughout the plant. There are no other pumps of this type used at this facility for a safety related application.

The service water pumps were manufactured by the Bingham-Williamette Company and identified as type VM16x26C--2 stage. The individual pump rated capacity is 8600 gpm at 147 ft. head with a speed of 1170 rpm. The bell lip to discharge flange center line is thirty-four (34) feet.

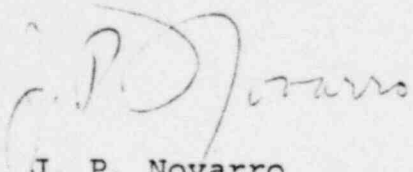
Except for the acceptance test program performed by the manufacturer after fabrication no additional operating time has been accrued on these pumps since installation at Shoreham. The startup test program for the service water system has not as yet been consummated. In light of this we cannot provide the additional information requested pertinent to maintenance history, operational problems, and operating availability.

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The information requested concerning planned or completed tests of prototypes or pumps of similar design to demonstrate the long term operability of deep draft pumps at our facility is presently being gathered with the assistance of the Bingham-Williamette Company. This information will be provided to the NRC in 30 days.

Very truly yours,



J. P. Novarro  
Project Manager  
Shoreham Nuclear Power Station

HE:jm

cc: Mr. John G. Davis  
Office of Inspection & Enforcement  
U. S. Nuclear Regulatory Commission  
Washington, D.C. 20555

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