LONG ISLAND LIGHTING COMPANY
SHOREHAM NUCLEAR POWER STATION
P.O. BOX 618, NORTH COUNTRY ROAD • WADING RIVER, N.Y. 11792

JOHN D. LEONARD, JR.
VICE PRESIDENT - NUCLEAR OPERATIONS

SNRC-1415

MAR 24 1988

U. S. Nuclear Regulatory Commission
ATTN: Document Control Desk
Washington, DC 20555

Fire Protection
Shoreham Nuclear Power Station - Unit 1
Docket No. 50-322

Reference: (1) LILCO letter, SNRC-1262, dated May 22, 1986
(2) LILCO letter, SNRC-1141, dated January 29, 1985
(3) NRC letter (Robert Bernere to J.D. Leonard, Jr.) dated February 25, 1987 transmitting a supplemented Safety Evaluation Report.

Gentlemen:

The purpose of this letter is to request permission to reinstall the thermal overload heaters for 1E11*MOV052 during normal plant operation. LILCO had committed to disable 1E11*MOV052 in the Reference 2 letter. When this commitment was made, 1E11*MOV052 was identified as a high-low pressure interface and the spurious operation of the valve during a control room fire could have resulted in a breach of the boundary between a low pressure system and the reactor coolant system. However, as a result of commitments made since the writing of SNRC-1141, 1E11*MOV052 is no longer a potential path for leakage of reactor coolant because the motor operated bypass valves 1E11*MOV081A and B (around check valves 1E11*AOV081A and B) are electrically deenergized at all times other than during surveillance testing of the check valves (Reference 1). These bypass valves and check valves 1E11*AOV081A and B are in series with 1E11*MOV052 and provide the necessary protection against a high-low pressure interface loss of reactor coolant accident due to spurious valve openings resulting from a fire in the main control room.

LILCO requests the Commission provide a written response permitting LILCO to reinstall the overload heaters on this valve (1E11*MOV052). The ability to operate this valve will provide greater operational flexibility and control over the suppression pool level by allowing the operators to divert this water to the radwaste storage tanks via the reactor water cleanup system.

A006
1/1
w/check $150
059114

8804040136 880324
PDR ADOCK 05000322
P PDR

Your approval of this request by June 15, 1988 would be greatly appreciated. In accordance with the requirements of 10CFR 170.21, LILCO encloses a $150.00 check covering the prescribed application fee for this approval request.

Please do not hesitate to call my office or members of my staff should you require additional information or clarification regarding this matter.

Very truly yours,

John D. Leonard, Jr.
Vice President - Nuclear Operations

GJG:ck

cc: W. T. Russell
R. Lo/S. Brown
F. Crescenzo