



LONG ISLAND LIGHTING COMPANY

SHOREHAM NUCLEAR POWER STATION • P.O. BOX 628 • WADING RIVER, NEW YORK 11792

TEL. (516) 929-8300

June 6, 1984

SNRC-1047

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

NRC Low Power License
Fire Protection - Mobile Diesel Generators
Shoreham Nuclear Power Station - Unit 1
Docket No. 50-322

Reference: Supplement #5, SER, page 8-6

Dear Mr. Denton:

This letter serves as a formal commitment on LILCO's part to perform the changes outlined below, as agreed upon in a prior telephone conversation between LILCO and the NRC.

The reference states: "The staff is concerned that failure of either the reserve station service transformer or the normal station service transformer as a result of fire may cause failure of the circuits associated with the four mobile diesel generators. The staff will require that these circuits be located no closer than 50 feet from either transformer, or adequate fire barrier separation must be provided."

In response to this staff concern, LILCO intends to bury the horizontal section of the cable trays that are within 50 ft. of the reserve station service transformer (RSST) under 1 ft. of sand. There is approximately 100 ft. of cable tray within a 50 ft. radius of the RSST located between the Reactor Building and the RSST that will be fire-protected. The vertical section of the tray located on the exterior of the normal-switch-gear-room wall east of the RSST, will be protected by a reinforced-concrete block wall measuring 20 ft. tall by 10½ ft. wide by 8 in. thick, with voids filled with mortar. The location of the normal service station transformer (NSST) currently conforms with the 50 ft. requirement of this licensing condition.

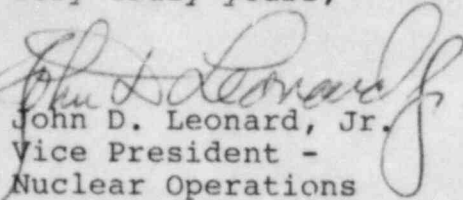
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It is LILCO's understanding from the conference call that these proposed modifications meet the conditions set forth by the staff. Accordingly, LILCO is proceeding with these changes.

If you have any questions, or need further information, do not hesitate to contact this office.

Very truly yours,



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

NRL:ck

cc: C. Petrone
R. Caruso
All Parties Listed in Attachment I

ATTACHMENT I

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