



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

May 21, 1985

SNRC-1172

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

Proposed Revision to the Physical Security Plan
Shoreham Nuclear Power Station - Unit 1
Docket No. 50-322

Dear Mr. Denton:

At the April 17, 1985 prehearing conference of counsel, LILCO notified the Board and parties, that after review of the intervenors' admitted contentions, it was preparing a revision to the Security Plan designed to resolve all of the alleged deficiencies described in the admitted contentions. The revision is also intended to meet the requirements of 10 CFR § 73.55(b) through (h) or achieve equivalent protection, as permitted by § 73.55 (a), for the alternate AC power sources (20 MW gas turbine and four EMD diesel generators and their related support equipment) held by the Appeal Board in ALAB-800 to be vital equipment. That revision, Revision 10, is enclosed.

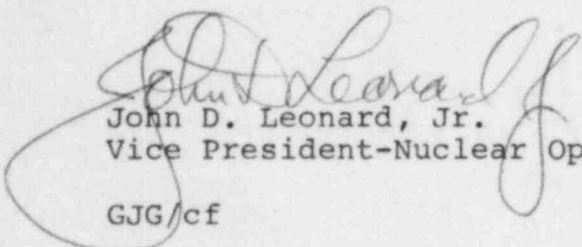
The measures described in the revision, if approved by the ASLB for low power operation, will be fully implemented prior to the commencement of Phase III low power testing and will remain in place thereafter during low power testing as long as ALAB-800 remains effective, and as long as LILCO relies solely on the alternate AC power sources to supply AC power in the event of a loss of offsite power.

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LILCO is also submitting three new security procedures implementing the amendment to the Security Plan. Should you or members of your staff have any questions concerning this submittal, please do not hesitate to call my office.

Sincerely yours,



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

GJG/cf

cc: P. Eselgroth