



**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

**SAFEGUARDS INFORMATION**

October 2, 1984

SNRC-1090

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

Security Enhancements for the General Motors-EMD  
Alternative Power Source  
Shoreham Nuclear Power Station  
Docket No. 50-322

Dear Mr. Denton:

This is to inform the Staff that LILCO will voluntarily implement certain enhancements to the physical security arrangements affecting the GM-EMD alternative backup AC power sources to be used at Shoreham during low power operation. Since, as the Staff agrees, there is no technical need to rely on this or any other backup AC during Phases I and II of low power operation, LILCO will have these arrangements in place before Phase III. LILCO will also leave these arrangements in place until the plant receives approval to operate using a qualified onsite backup AC power source which meets the requirements of General Design Criterion 17. LILCO will reflect each of these enhancements in a low power Appendix to the Shoreham Security Plan, which will be submitted to the NRC Staff prior to commencement of Phase III low power operation at Shoreham. LILCO has determined to make these enhancements notwithstanding the fact that the Atomic Safety and Licensing Board agreed in its September 19, 1984 Order Dismissing Revised Security Contentions that alternate backup AC power sources need not be treated as vital.

The specific enhancements which LILCO will make are described in Attachment 1.

For purposes of Staff review, the matters stated in this letter can be considered by the Staff to be commitments by LILCO. As you know, LILCO does not consider the alternate backup AC power sources to be vital, for the reasons advanced before and sustained by the Licensing Board. Nevertheless, LILCO has decided to make the enhancements described here in order to eliminate any further dispute with the Staff.

Sincerely yours,

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

JDL/jm

cc: P. Eselgroth  
C. Petrone

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