



**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

June 15, 1984

SNRC-1057

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

Seismic Survivability Study for MP-45  
Diesel Generators  
Shoreham Nuclear Power Station - Unit 1  
Docket No. 50-322

Dear Mr. Denton:

The subject report is hereby transmitted for your review. It addresses the structural integrity and operational capabilities of the four GM-EMD diesel generators and their associated switchgear when subjected to the effects of the Shoreham design basis safe shutdown earthquake.

Since the conclusions reached in this report will be utilized in the Low Power License proceeding, we are also providing a copy of this report to Suffolk County.

Should you or any members of your staff have any questions concerning this report please do not hesitate to call my office.

Very truly yours,

J. D. Leonard  
Vice President- Nuclear Operations

GJG:lb

cc: P. Eselgroth, SP. Resident Inspector w/o attach.  
C. Petrone, Resident Inspector "  
All Parties listed in Attachment 1 "  
L. C. Lanpher, Esq. w/ Attachment

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A PDR

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R. Dent*

ATTACHMENT I

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Atomic Safety and Licensing  
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Attachment I  
Page Two

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