



**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-1253

**APR 30 1986**

Dr. Thomas E. Murley  
Regional Administrator  
Office of Inspection and Enforcement  
Region I  
U.S. Nuclear Regulatory Commission  
631 Park Avenue  
King of Prussia, PA 19406

Radiological Environmental Monitoring Program  
1985 Annual Report  
Shoreham Nuclear Power Station - Unit 1  
Docket No. 50-322

Dear Dr. Murley:

Enclosed is a copy of the Shoreham Radiological Environmental Monitoring Program (REMP) Annual Report which provides detailed information for the 1985 calendar year.

Shoreham's Technical Specification Section 6.9.1.6 requires the first report to be submitted prior to May 1 of the year following initial criticality, which Shoreham achieved on February 15, 1985. Subsequent low power testing, up to 5% of reactor power, was conducted from July through October.

This report provides the results of the REMP for the full calendar year 1985 for Shoreham. Preoperational REMP reports were prepared for 1983 and 1984. Copies of these reports are available if needed.

If you require additional information, please do not hesitate to contact me.

Very truly yours,

*John D. Leonard, Jr.*  
John D. Leonard, Jr.

Vice President - Nuclear Operations

PGP:ck

Enclosure

8606160093 860430  
PDR ADCK 03000322  
R PDR

*JE 25  
1/1*

cc: R. Caruso  
J. A. Berry