



# 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 - OFFICE OF CORPORATE SERVICES  
AND  
VICE PRESIDENT - OFFICE OF NUCLEAR

SNRC-1760

SEP 24 1990

U. S. Nuclear Regulatory Commission  
ATTN: Document Control Desk  
Washington, D. C. 20555

Shipment of Low Specific Activity Waste  
Shoreham Nuclear Power Station - Unit 1  
Docket No. 50-322

Reference: (1) LILCO (Anthony F. Earley, Jr.) Letter to NRC  
(William Russell) dated July 5, 1989

Gentlemen:

In keeping with our commitment to provide the NRC Staff with timely information concerning Shoreham activities, the Long Island Lighting Company (LILCO) wishes to advise the Commission of our intention to ship certain Low Specific Activity (LSA) Waste to the Low Level Radioactive Waste Repository at Barnwell, South Carolina. The LSA waste consists of 137 fuel support castings and 12 peripheral pieces from the Shoreham reactor, which is now defueled. For a description of these items, please refer to USAR Section 4.2.2.2.5.

Packaging of the waste will be in Strong Tight Containers (DOT defined) and shipment, which will be accomplished in several phases, will begin mid-to-late October 1990. Shipment is anticipated to be completed by December 1, 1990.

LILCO has determined that the above shipment is permitted by the SNPS Operating License (NPF-82) and within the authority granted to licensees under the Code of Federal Regulations, and is not considered to be an irreversible step toward decommissioning since this material is available as a long lead item according to the information supplied to us by the Nuclear Steam Supply System (NSSS) vendor. Additionally, LILCO believes that shipment of the castings and pieces, as cited above, is appropriate at this time for the following reasons: 1) the rapidly escalating cost of burial; 2) the real possibility that New York State sites will be denied access to the Barnwell waste repository; and 3) the

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elimination of the need to provide a separate storage area for these parts.

We wish to reiterate that, in accordance with the referenced letter, LILCO will maintain Shoreham in a shutdown condition until it is transferred to the Long Island Power Authority.

Should you have any questions concerning this matter, please do not hesitate to contact my office.

Very truly yours,



John D. Leonard, Jr.  
Vice President Office of Corporate Services  
and Office of Nuclear

MP/ap

cc: S. Brown  
T. T. Martin  
B. Norris