



## 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-1109

November 19, 1984

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

Transamerica DeLaval R-48 Engine Operating History  
Shoreham Nuclear Power Station - Unit 1  
Docket No. 50-322

Dear Mr. Denton:

During the period of October 4, 1984 through October 12, 1984, two representatives of LILCO traveled to the Kingdom of Saudi Arabia to review the engine operating records of the Rafha Electric Company TDI diesel generators. By interpretation of the Staff SER pertaining to interim basis licensing for the TDI diesel generators sets, along with preliminary discussions with Staff personnel, it was LILCO's intent to obtain relevant industry operating data supporting its' position that the TDI diesels are safe and reliable. The results of the review of the existing records revealed an accumulation of hours at various load levels, however, the data was not in a form which would be considered of the quality necessary to support the LILCO position.

The sheik ruling the local area permitted our engineers to view the records and engines only after they committed to draw up a basic preventive maintenance plan for the engines, which was done.

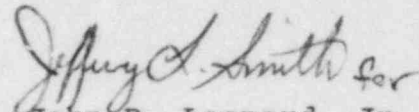
The TDI engines at Rafha are the primary source of power for the city and possess a high degree of reliability, operating under adverse conditions. From a tour of the facility, as well as a review of the operating records, it is apparent that the extent of maintenance and operating care provided does not approach the degree of attention given to the Shoreham engines, yet these engines have accumulated over 13,000 hours of operating time per engine.

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It is regretted that substantive qualitative technical data was not available. The two engineers, however, were provided an interesting experience in technical matters in another culture.

Very truly yours,

  
John D. Leonard, Jr.

BRM:ck

cc: P. Eselgroth  
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All Parties Listed in Attachment I

ATTACHMENT I

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