



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.

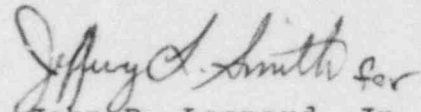
The TDI engines at Rafha are the primary source of power for the city and possess a high degree of reliability, operating under adverse conditions. From a tour of the facility, as well as a review of the operating records, it is apparent that the extent of maintenance and operating care provided does 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
C. Petrone
All Parties Listed in Attachment I

ATTACHMENT I

Lawrence Brenner, Esq.
Administrative Judge
Atomic Safety and Licensing
Board Panel
U.S. Nuclear Regulatory Commission
Washington, DC 20555

Dr. George A. Ferguson
Administrative Judge
Atomic Safety and Licensing
Board Panel
School of Engineering
Howard University
2300 6th Street, NW
Washington, DC 20059

Bernard M. Bordenick, Esq.
David A. Repka, Esq.
U.S. Nuclear Regulatory Commission
Washington, DC 20555

* For Federal Express
7735 Old Georgetown Road
To Mailroom
Bethesda, MD 20814

Ralph Shapiro, Esq.
Cammer and Shapiro, P.C.
9 East 40th Street
New York, NY 10016

Secretary of the Commission
U.S. Nuclear Regulatory Commission
Washington, DC 20555

Atomic Safety and Licensing
Board Panel
U.S. Nuclear Regulatory Commission
Washington, DC 20555

Jay Dunkleberger Esq.
New York State Energy Office
Agency Building 2
Empire State Plaza
Albany, NY 12223

Jonathan D. Feinberg, Esq.
New York State Department of
Public Service
Three Empire State Plaza
Albany, NY 12223

James Dougherty, Esq.
3045 Porter Street, NW
Washington, DC 20008

Herbert H. Brown, Esq.
Lawrence Coe Lanpher, Esq.
Alan R. Dynner, Esq.
Kirkpatrick, Lockhart, Hill
Christopher & Phillips
8th Floor
1900 M Street, NW
Washington, DC 20036

MHB Technical Associates
1723 Hamilton Avenue
Suite K
San Jose, CA 95125

Stephen B. Latham, Esq.
Twomey, Latham & Shea
33 West Second Street
P.O. Box 398
Riverhead, NY 11901

Fabian G. Palomino, Esq.
Special Counsel to the Governor
Executive Chamber, Room 229
State Capitol
Albany, NY 12224

Atomic Safety and Licensing
Appeal Board Panel
U.S. Nuclear Regulatory
Commission
Washington, DC 20555

Robert E. Smith, Esq.
Guggenheimer & Untermyer
80 Pine Street
New York, NY 10005

Martin Bradley Ashare
Attn: Patricia A. Dempsey, Esq.
Suffolk County Attorney
H. Lee Dennison Building
Veterans Memorial Highway
Hauppauge, NY 11788

Dr. Peter A. Morris
Administrative Judge
Atomic Safety and Licensing
Board Panel
U.S. Nuclear Regulatory
Commission
Washington, DC 20555