

LILCO, August 15, 1983

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UNITED STATES OF AMERICA
NUCLEAR REGULATORY COMMISSION

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Before the Atomic Safety and Licensing Board

OFFICE OF SECRETARY
DOCKETING SERVICE
BRANCH

In the Matter of)
)
LONG ISLAND LIGHTING COMPANY)
)
(Shoreham Nuclear Power Station,)
Unit 1))
)
)
)

Docket No. 50-322 (OL)

LILCO REPORT AND REQUEST
FOR TEMPORARY DEFERRAL

Late in the day on Friday, August 12, 1983, Emergency Diesel Generator 102 was undergoing tests following the installation of new cylinder heads. In the course of the test, the engine experienced vibration and load fluctuations. The operators reduced load and then removed the engine from service. The engine was allowed to cool overnight and, on Saturday morning, August 13, it was examined. The inspection revealed a failure in the crankshaft in the vicinity of the no. 7 cylinder. Evidence of the failure was a crack that completely severed the shaft. An investigation of this failure is underway.

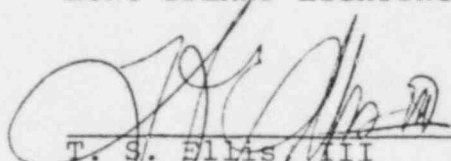
The cause of the crankshaft failure is not yet known, nor does LILCO know at this time how soon it will be possible to reach a conclusion concerning the cause or the ramifications of the failure. In light of all this, LILCO believes it is

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appropriate, and therefore requests, that the schedule for litigation of the cylinder head cracking issue, including the filing of testimony, be held in abeyance temporarily until more can be learned about the crankshaft event. On the basis of a telephone conference with Mr. Daniel Brown, Law Clerk to the Board, and all parties, LILCO believes the Staff and the County concur that this is appropriate. LILCO suggests that a telephone conference of the Board and parties be scheduled at a time convenient for the Board on Friday, August 26, 1983 for the purpose of considering an appropriate schedule.

Respectfully submitted,
LONG ISLAND LIGHTING COMPANY



T. S. Ellis, III
Anthony F. Earley, Jr.

Hunton & Williams
Post Office Box 1535
Richmond, Virginia 23212

DATED: August 15, 1983

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CERTIFICATE OF SERVICE

OFFICE OF SECRETARY
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I hereby certify that copies of LILCO's REPORT AND REQUEST FOR TEMPORARY DEFERRAL were served this date upon the following by first-class mail, postage prepaid, and telecopied to those indicated with an asterisk:

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

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

Dr. George A. Ferguson*
Administrative Judge
Atomic Safety and Licensing
Board Panel
School of Engineering
Howard University
2300 6th Street, N.W.
Washington, D.C. 20059

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

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

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

Daniel F. Brown, Esq.
Attorney
Atomic Safety and Licensing
Board Panel
U.S. Nuclear Regulatory
Commission
Washington, D.C. 20555

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

Herbert H. Brown, Esq.
Lawrence Coe Lanpher, Esq.
Alan R. Dynner, Esq.*
Kirkpatrick, Lockhart, Hill,
Christopher & Phillips
8th Floor
1900 M Street, N.W.
Washington, D.C. 20036

Mr. Marc W. Goldsmith
Energy Research Group
4001 Totten Pond Road
Waltham, Massachusetts 02154

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

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

David J. Gilmartin, Esq.
Attn: Patricia A. Dempsey, Esq.
County Attorney
Suffolk County Department of Law
Veterans Memorial Highway
Hauppauge, New York 11787

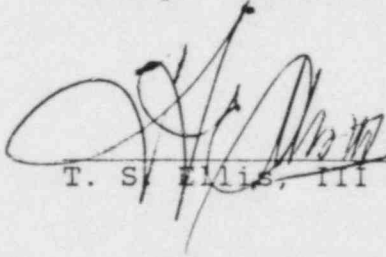
Stephen B. Latham, Esq.
Twomey, Latham & Shea
33 West Second Street
P. O. Box 398
Riverhead, New York 11901

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

James Dougherty, Esq.
3045 Porter Street
Washington, D.C. 20008

Howard L. Blau
217 Newbridge Road
Hicksville, New York 11801

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



T. S. Ellis, III

Hunton & Williams
707 East Main Street
P.O. Box 1535
Richmond, Virginia 23212

DATED: August 15, 1983