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UNITED STATES OF AMERICA  
NUCLEAR REGULATORY COMMISSION

OFFICE OF SECRETARY  
DOCKETING & SERVICE  
BRANCH

Before the Atomic Safety and Licensing Board

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

DOCKET NO 50-322-OL

JOINT REPORT OF PARTIES

Pursuant to the Board's Order of February 1, 1985, counsel for the parties<sup>1/</sup> held extensive discussions by telephone conference on February 6, 1985, to attempt to settle or narrow the remaining issues in controversy. The results of those discussions are:

1. Crankshafts. Suffolk County confirmed that, as previously reported to the Board and parties, it does not challenge the adequacy of the replacement crankshafts to the extent they do not operate in EDGs loaded above 3300 KW. The effect on the crankshafts of loads above 3300 KW remains at issue.

<sup>1/</sup> Counsel for New York State did not participate, but authorized counsel for Suffolk County to present the State's views, which coincided with those of the County.

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The County and the State take the position that the issue of the effect on the crankshafts of loads at or above 3500 KW has already been litigated and is not a part of the forthcoming hearing. Lilco disagrees because it believes that loads at or above 3500 KW for short periods of time have not been litigated and are within the scope of the reopened hearings.

Further, the County and the State adhere to their position that the crankshafts cannot be safely operated at any loads in excess of 3300 KW unless the crankshafts either meet classification society rules (as stated in the contention on crankshafts) at such loads, or have been tested at the true value of such loads for  $10^7$  cycles and been subsequently found to be free of defects caused by such testing. Lilco and the Staff take the position that the crankshafts can be operated safely for postulated periods of time over 3300 KW which might be required by intermittent and cyclic loads, operator error, or other factors.

2. Blocks. Based on the results of the qualification test of EDG 103 at a nominal load of 3300 KW, the County and State do not challenge the adequacy of the replacement block for EDG 103 if loads do not exceed 3230 KW (which assumes a maximum instrument error of -70 KW). The adequacy of the

replacement block above 3230 KW and of the blocks for EDGs 101 and 102 remain at issue. The County and State adhere to their position that the blocks for EDGs 101 and 102 cannot be safely operated at any loads unless one of those blocks has been tested at the true value of such loads for  $10^7$  cycles and been subsequently found to have suffered no significant ligament or circumferential crack propagation and no initiation of stud-to-stud cracks. Lilco and the Staff contend that they have met their burden of proof with respect to ligament, stud-to-stud and circumferential cracks, and maintain that the EDGs are qualified for nuclear service for the reasons stated in their testimony.

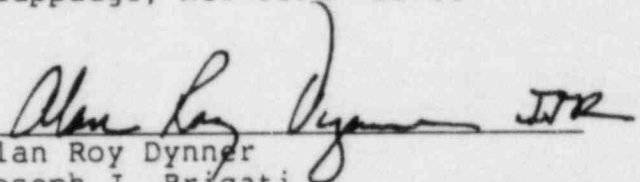
The parties agreed that the issue of monitoring cam gallery cracks in the blocks may be settled by further discussions by adopting the TSI depth gage monitoring suggested by the Staff or a slight variation thereof.

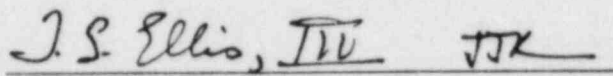
3. EDG Load Contention. The parties were unable to settle or narrow the issues of this contention, and each of those issues remains in controversy. Lilco expressed its willingness to consider changes to its procedures requested by either the County or the Staff. A meeting open to all parties was held on Friday, February 8, in which Lilco and the Staff


exchanged further information on Lilco's procedures on limiting operation of the EDGs to the 3300 KW qualified load.

Respectfully submitted,

Martin Bradley Ashare  
Suffolk County Department of Law  
Veterans Memorial Highway  
Hauppauge, New York 11788

  
Alan Roy Dynner  
Joseph J. Brigati  
Douglas J. Schedit  
KIRKPATRICK & LOCKHART  
1900 M Street, N.W., Suite 800  
Washington, D.C. 20036

  
T.S. Ellis, III  
HUNTON & WILLIAMS  
707 East Main Street  
Richmond, Virginia 23212

  
Edwin J. Reiss  
U.S. Nuclear Regulatory Commission  
7735 Old Georgetown Road  
Bethesda, Maryland

February 8, 1985

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CERTIFICATE OF SERVICE

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In the Matter of  
LONG ISLAND LIGHTING COMPANY  
(Shoreham Nuclear Power Station, Unit 1)  
Docket No. 50-322 (OL)

I hereby certify that copies of the Joint Report of Parties were served this date upon the following by first-class mail, postage prepaid, or by hand as indicated by an asterisk:

Lawrence Brenner, Esq.\*  
Administrative Judge  
Atomic Safety and Licensing  
Board Panel  
U.S. Nuclear Regulatory  
Commission  
4350 East-West Highway  
Fourth Floor (North Tower)  
Bethesda, Maryland 20814

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

Dr. Peter A. Morris\*  
Administrative Judge  
Atomic Safety and Licensing  
Board Panel  
U.S. Nuclear Regulatory  
Commission  
4350 East-West Highway  
Fourth Floor (North Tower)  
Bethesda, Maryland 20814

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

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

Dr. George A. Ferguson\*  
Administrative Judge  
School of Engineering  
Howard University  
Room 1114  
2300 - 6th Street, N.W.  
Washington, D.C. 20059

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

Bernard M. Bordenick, Esq.\*  
David A. Repka, Esq.  
Richard J. Goddard, Esq.  
U.S. Nuclear Regulatory  
Commission  
Maryland National Bank Bldg.  
7735 Old Georgetown Road  
Bethesda, Maryland 20814

Martin Bradley Ashare, Esq.  
Attn: Patricia A. Dempsey, Esq.  
County Attorney  
Suffolk County Department  
of Law  
Veterans Memorial Highway  
Hauppauge, New York 11787

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

Stephen B. Latham, Esq.  
Twomey, Latham & Shea  
33 West Second Street  
Post Office 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

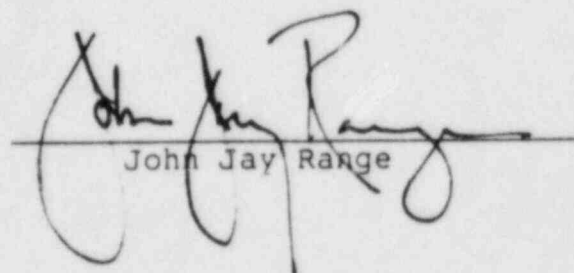
Jonathan D. Feinberg, Esq.  
New York State  
Department of Public Service  
Three Empire State Plaza  
Albany, New York 12223

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

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

Hunton & Williams  
2000 Pennsylvania Avenue, N.W.  
P.O. Box 19230  
Washington, D.C. 20036

DATED: February 8, 1985

  
John Jay Range