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Suffolk County  
New York State  
February 19, 1985

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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

OPPOSITION OF SUFFOLK COUNTY AND NEW YORK STATE  
TO LILCO'S MOTION TO STRIKE PORTIONS OF NRC STAFF  
TESTIMONY OF JOHN L. KNOX AND PORTIONS OF NRC STAFF  
JOINT TESTIMONY OF SPENCER H. RUSH, ET AL.

For the reasons discussed below, Lilco's motion to strike portions of the NRC Staff's testimony should be denied.

A. Lilco objects to the first and second full paragraphs on page six of the testimony of NRC Staff witness John L. Knox on the grounds that the testimony is unresponsive, unfounded and outside the scope of the diesel generator load contention.

The testimony in issue discusses the EDGs' response during the ten second plus time period after starting in which their BMEP may be greater than that corresponding to continuous electrical loads of 3300 kW. On its face, Lilco's claim that this testimony is not responsive and outside the scope of subparagraph a(i) of the contention, because it allegedly does not concern intermittent or cyclic loads, is

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specious. The testimony clearly appears to refer to short-time loading conditions similar to those discussed in Lilco's testimony relating to cyclic and intermittent loads. See, e.g., Diesel Generator Qualified Load Testimony of George F. Dawe, et al., at 11 ("Intermittent or cyclic loads are small loads that will operate only once or occasionally following a LOOP/LOCA event. In either case, operation is for a short period of time.").

Lilco also claims that this testimony requires expertise in mechanics, dynamics and thermodynamics which Mr. Knox allegedly does not possess. There is no foundation in the record for this objection, and the entire issue is one more properly pursued on cross-examination.

B. Lilco also objects to the one reference to Det Norske Veritas on page twenty-one of NRC Staff witness Professor Sarsten on the grounds that that reference is irrelevant and outside the scope of the contention.\* / To the contrary, the reference merely identifies the source and basis for the witness' calculation of stresses in the replacement crankshafts. Every party is entitled to know the basis for the testimony of a witness, and the express reference to the basis in this instance merely aids the efficiency of the proceeding by putting the parties on notice of that fact in advance of cross-examination. Excluding the reference would impose a more


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\* / We do not understand Lilco to be objecting the remainder of the testimony, in which Professor Sarsten quantifies the stresses in the replacement crankshaft. Such testimony clearly is relevant to the adequacy of the replacement crankshaft and also is the basis for portions of Dr. Bush's testimony relating to the conclusions to be drawn from the endurance test run. See, e.g., Joint Testimony of Spencer H. Bush, et al., on Load Contentions Concerning TDI Emergency Diesel Generators at the Shoreham Nuclear Power Station, at 17.

stringent rule in administrative proceedings than is applied in federal civil proceedings.

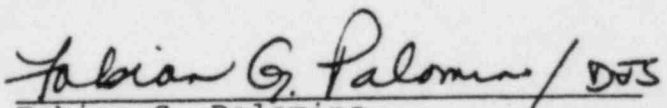
Respectfully submitted,

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February 19, 1985

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UNITED STATES OF AMERICA  
NUCLEAR REGULATORY COMMISSION

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

CERTIFICATE OF SERVICE

I hereby certify that copies of the OPPOSITION OF SUFFOLK COUNTY AND NEW YORK STATE TO LILCO'S MOTION TO STRIKE PORTIONS OF NRC STAFF TESTIMONY OF JOHN L. KNOX AND PORTIONS OF NRC STAFF JOINT TESTIMONY OF SPENCER H. BUSH, ET AL., dated February 19, 1985, have been served to the following this 19th day of February 1985 by U.S. mail, first class, except as otherwise indicated.

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\* By Hand Delivery