

April 28, 1983

In the Matter of  
Long Island Lighting Company  
(Shoreham Nuclear Power Station, Unit 1)  
Docket No. 50-322 (OL)

NOTE TO ATTACHED SERVICE LIST

Enclosed is a copy of a letter dated April 6, 1983 (5633-60) and attachments from Teledyne Engineering Services (J. P. King) to the NRC Staff (H. Denton) regarding the Independent Design Review for the Shoreham Nuclear Power Station. As in the past, copies of subsequent letters from Teledyne to the Staff will be forwarded upon my receipt of same.

Sincerely,

Bernard M. Bordenick  
Counsel for NRC Staff

Enclosures:  
As stated

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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	)	Docket No. 50-322
(Shoreham Nuclear Power Station,	)	(OL)
Unit 1)	)	

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April 6, 1983  
5633-60

50-322

Mr. Harold Denton, Director  
Office of Nuclear Reactor Regulation  
U. S. Nuclear Regulatory Commission  
7920 Norfolk Avenue  
Bethesda, Maryland 20114

Subject: Independent Design Review for the Shoreham Nuclear Power  
Station

References: 1. TES Letter No. 5633-43 to USNRC dated February 11, 1983  
2. TES Letter No. 5633-56 to USNRC dated March 28, 1983,  
with attached meeting notes

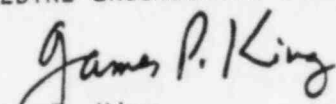
Dear Mr. Milligan:

In accordance with the procedures defined in the Reference 1 letter, we are forwarding a copy of the minutes of the meeting held on March 30, 1983, between TES, LILCO and SWEC personnel. The purpose of this meeting was for further clarification of TES review item ICR No. 5633-1, classified as Additional Concern.

If you have any questions or comments, please do not hesitate to contact Mr. Donald F. Landers or the writer.

Very truly yours,

TELEDYNE ENGINEERING SERVICES

  
James P. King  
Assistant Project Manager

JPK/lh

Attachment

cc: D. F. Landers (TES)  
J. A. Flaherty (TES)  
J. H. Malonson (TES)  
TES Document Control

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ENGINEERS AND METALLURGISTS

Interface Meeting for Additional Clarification of TES Review  
Item ICR No. 5633-1  
Part of IDR for Shoreham Nuclear Power Station,  
Held at TES Offices  
March 30, 1983 - 1:30 PM

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<u>LILCO</u>	<u>TES</u>	<u>SWEC</u>
E. F. Montgomery	D. F. Landers J. A. Flaherty J. P. King L. E. Barron	D. C. Foster J. Hall

Summary

The minutes of the March 16, 1983 meeting, held for clarification of same review item (ICR No. 5633-1), were discussed briefly. Three concerns were further defined by TES at that time. This meeting discussed one of these items in greater detail. This concern was the consideration of building and piping seismic vertical displacements as being in phase. LILCO/SWEC are preparing a formal response to the other two concerns.

Discussion

The discussion involved mostly the consideration of piping attached to horizontal (radial) beams. SWEC has performed in-house sampling review of piping attached to primary and intermediate horizontal steel in different buildings. The SWEC conclusion to this survey of frequencies for piping and structures is that there is very little difference in amplification and phase angle between the beams and attached piping.

Resolutions

It was agreed that TES personnel would visit SWEC offices and look at the applicable steel drawings of the SWEC review. Also, the TES personnel would select some of the drawings for a verification review at TES.