

March 15, 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 February 25, 1983 from Teledyne Engineering Services (J.P. King) to the NRC staff (H. Denton) (5633-47) concerning the Independent Design Review for the Shoreham Nuclear Power Station.

Sincerely,

Bernard M. Bordenick  
Counsel for NRC Staff

Enclosure:  
As Stated

DISTRIBUTION

Bordenick/Dewey/Repka/Rawson/McDonald/Reis	
Christenbury	Murray
Lieberman	Olmstead
FF (2)	J.Higgins
NRC Docket File:PDR/LPDR	Chron (2)
A.Schwencer 330	E.Weinkam 330
J.Norris AR5008	R.Caruso 330

DS07

OFC :OELD	<i>BMB</i>	:OELD	:	:	:
NAME :BBordenick		:EReis	<i>ER</i>	:	:
DATE :03/14/83		:03/15/83	:	:	:

8303170153 830315  
PDR ADOCK 05000322  
G PDR

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) )

CERTIFICATE OF SERVICE

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

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

Dr. James L. Carpenter  
Administrative Judge  
Atomic Safety and Licensing Board  
U.S. Nuclear Regulatory Commission  
Washington, DC 20555

Howard L. Blau, Esq.  
217 Newbridge Road  
Hicksville, NY 11801

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

W. Taylor Reveley III, Esq.  
Hunton & Williams  
P.O. Box 1535  
Richmond, VA 23212

Matthew J. Kelly, Esq.  
Staff Counsel  
New York Public Service Commission  
3 Rockefeller Plaza  
Albany, NY 12223

Cherif Sedkey, Esq.  
Kirkpatrick, Lockhart, Johnson  
& Hutchison  
1500 Oliver Building  
Pittsburgh, PA 15222

Stephen B. Latham, Esq.  
John F. Shea, III, Esq.  
Twomey, Latham & Shea  
Attorneys at Law  
P.O. Box 398  
33 West Second Street  
Riverhead, NY 11901

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

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

Docketing and Service Section  
Office of the Secretary  
U.S. Nuclear Regulatory Commission  
Washington, D.C. 20555

Spence Perry, Esq.  
Associate General Counsel  
Federal Emergency Management Agency  
Room 840  
500 C Street, S.W.  
Washington, D.C. 20472

Herbert H. Brown, Esq.  
Lawrence Coe Lanpher, Esq.  
Karla J. Letsche, Esq.  
Kirkpatrick, Lockhart, Hill,  
Christopher & Phillips  
1900 M Street, N.W.  
8th Floor  
Washington, D.C. 20036

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

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

Stewart M. Glass, Esq.  
Regional Counsel  
Federal Emergency Management  
Agency  
26 Federal Plaza  
Room 1349  
New York, NY 10278

COURTESY COPY LIST

Edward M. Barrett, Esq.  
General Counsel  
Long Island Lighting Company  
250 Old County Road  
Mineola, NY 11501

Mr. Brian McCaffrey  
Long Island Lighting Company  
175 East Old Country Road  
Hicksville, New York 11801

Marc W. Goldsmith  
Energy Research Group, Inc.  
400-1 Totten Pond Road  
Waltham, MA 02154

David H. Gilmartin, Esq.  
Suffolk County Attorney  
County Executive/Legislative Bldg.  
Veteran's Memorial Highway  
Hauppauge, NY 11788

Ken Robinson, Esq.  
N.Y. State Dept. of Law  
2 World Trade Center  
Room 4615  
New York, NY 10047


Mr. Jeff Smith  
Shoreham Nuclear Power Station  
P.O. Box 618  
North Country Road  
Wading River, NY 11792

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

Hon. Peter Cohalan  
Suffolk County Executive  
County Executive/Legislative Bldg.  
Veteran's Memorial Highway  
Hauppauge, NY 11788

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

Ms. Nora Bredes  
Shoreham Opponents Coalition  
195 East Main Street  
Smithtown, NY 11787

 **TELEDYNE  
ENGINEERING SERVICES**

130 SECOND AVENUE

WALTHAM, MASSACHUSETTS 02254

(617) 890-3350 TWX (710) 324-7508

February 25, 1983  
5633-47

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

Reference: TES Letter No. 5633-43 to the USNRC dated February 11, 1983

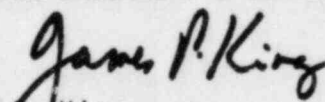
Dear Mr. Denton:

In accordance with the procedures defined in the referenced letter we are forwarding a copy of the minutes of the meeting held on February 15, 1983, between Teledyne Engineering Services, LILCO and Stone and Webster personnel. The purpose of this meeting was for clarification of several of the LILCO responses to TES Findings.

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/ao

Attachment

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

~~8303090171~~ 830225  
PDR ADOCK 05000322  
A PDR

ENGINEERS AND METALLURGISTS

8001

TRIP REPORT 1634

Interface Meeting for Discussion of LILCO Responses to TES Findings on  
Independent Design Review for Shoreham Nuclear Power Station  
Held at Stone and Webster Boston Offices  
February 15, 1983: 10:A.M. to 12:30 P.M.

ATTENDEES:

<u>Long Island Lighting (LILCO)</u>	<u>Teledyne (TES)</u>	<u>Stone and Webster (SWEC)</u>
C.K. Seaman	D.F. Landers	R.E. Foley
E.F. Montgomery	J.A. Flaherty	W.M. Eifert
	J.P. King	D. Shaw
	L.J. DiLuna	S. Morss
	E.A. Solla	P. Czarnowski
	W.J. McBrine	A.J. Benecchi
	G.S. Blanchet	G.H. Rubin
	L.E. Barron	R. Hankinson

Attachments: Agenda

Item 1: TES Internal Committee Resolution (ICR) Form ICR No. 5633-2

As a result of a 2-14-83 telephone call request, SWEC gave to TES, for their review, three calculation packages, determined to be the highest stressed of the sixteen identified Category I supports with vendor designed reinforcing pads.

Item 2: TES ICR No. 5633-17:

P. Czarnowski of SWEC gave a description of the process where later revisions to drawings are reconciled with present revisions to calculation packages, by use of E & DCRs and in accordance with the requirements of Engineering Assurance Procedure 5.4. TES Reviewer L.J. DiLuna investigated this process for a typical calculation package and drawing during this meeting.

Trip Report  
SWEC  
February 15, 1983

-2-

Item 3: TES ICR No. 5633-14:

S. Morss of SWEC described the process for revisions to drawings based on E & DCRs, including the change in the process per Project Procedure No. 38, whereby piping drawings (FP) are no longer updated and are essentially replaced by as-built isometrics (IC). TES requested that this process description be included in an addendum to the LILCO response to TES ICR-14.

Item 4: TES ICR No. 5633-9

A description of the applicable friction criteria for pipe support analyses was given by R. Hankinson of SWEC. This criteria, which is contained in SWEC document EMD-80-3, is now being reviewed by TES.

Item 5: TES ICR No. 5633-13

R. Foley of SWEC gave a description of the process for developing small bore supports. This was followed by a discussion on small bore supports attached to the shield wall. TES personnel will visit Shoreham site to review standard small bore support calculations, and documentation for substitutions of non-standard small bore supports.

Item 6: TES ICR No. 5633-5

The following documents which are are referenced in the LILCO response to TES ICR-5 were given to TES for further review:

- a. FQC sign-off sheet of 10-5-82
- b. Phase III rework criteria, QC 15.4
- c. STP No. 811; "BOP Systems - Thermal Expansion Testing"

In addition, TES requested a copy of Revision 9 to the BZ drawing for support 1E21-PSSH-043.

Trip Report  
SWEC  
February 15, 1983

-3-

Item 7: TES ICR No. 5633-20

A discussion of the installation of tie-back supports called for by the stress reconciliation process took place. The following documents identified in the LILCO response to TES ICR-20 were given to TES:

- (a) Applicable sheet from SWEC E&DCR 39716
- (b) SWEC SEO Memos 63, 63A, 63B, 63C and 63D  
TES requested copies of the latest revision of the following SWEC drawings
- (c) Large-bore isometric IC-66
- (d) Small-bore isometric P10B4

Item 8: Discussion on the following TES ICRs took place as follows:

1. TES ICR No. 5633-1

Analysis procedures for small bore piping were discussed. A portion of SWEC criteria document EMTG-5A was presented for TES review.

2. TES ICR No. 5633-12

A minor clarification of the LILCO response to this item was briefly discussed.

3. TES ICR Nos. 5633-10 and -18 were not discussed at this time.

Item 9: LILCO responses to TES ICR Numbers 5633-15, -21 and -28 were not available for TES review at this time.

JPK/ao



TES IDR MEETING

TIME: 10:00 A.M.  
DATE: February 15, 1983  
PLACE: Conference Room 13A

AGENDA

<u>ITEM NO.</u>	<u>ICR #</u>	<u>DESCRIPTION</u>	<u>TIME</u>	<u>DISCUSSION LEADER</u>
1.	#2	Review of Analyses in Support of Response	10-10:20	R. Hankinson
2.	#17	Discussion of Design Process Involving EAP 5.4	10:25-10:45	P. Czarnowski
3.	#14	E&DCR Incorporation	10:50-11:10	S. Morse
4.	#9	EDM-80-03 Discussion	11:20-11:40	R. Hankinson
5.	#13	Process of Developing Small Bore Support	11:45-12:10	R. E. Foley
6.	#5	Review of Documents QC 15.4	12:15-12:40	R. E. Foley
7.	#20	Review of Documents E&DCR F-39716	12:45-1:00	R. E. Foley
8.	#18, #1, #12, #10	Discussion Directed by TES	2:00-3:00	
9.	#15, #21, #28	New Responses	3:05-4:45	