

LILCO, February 28, 1983

UNITED STATES OF AMERICA
NUCLEAR REGULATORY COMMISSION '83 MAR -3 11:25

Before the Atomic Safety and Licensing Board

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

ERRATA TO LILCO'S PROPOSED
OPINION AND FINDINGS

Long Island Lighting Company submits herewith errata to "LILCO's Proposed Opinion, Findings of Fact and Conclusions of Law in the Form of a Partial Initial Decision," dated January 17, 1983. All page references, except those relating to SC Contention 7B, are to Volume 1; those to SC Contention 7B are to Volume 2.

A. WATER HAMMER (SC CONTENTION 4)

<u>Page and Line</u>	<u>Change</u>
p. 5, l. 2	Change "core spray" to "Core Spray"
p. 8, l. 12-14	Delete "The record shows that isometric drawings are used in the preparation of Shoreham procedures. In addition,"
p. 8, l. 14	Change "physical" to "Physical"
p. 9, l. 14	Change "Programs" to "Program"
p. 9, l. 24	Delete "will be determined"
p. 9, l. 25	Add "is announced" before "will determine"

DS03

p. 10, l. 19	Add "." after "sent"
p. 11, l. 16	Change "A-36.)" to "A-36)."
p. 67, l. 16	Add "." after "report"
p. 68, l. 7	Delete "." after "1935"
p. 73, l. 6-7	Change "piping pressure integrity boundary" to "piping pressure boundary integrity"
p. 74, l. 19	Add "." after "(Hodges)"
p. 78, l. 9-10	Delete "Isometric drawings are used in the preparation of Shoreham's procedures. In addition,"
p. 78, l. 10	Change "physical" to "Physical"
p. 79, l. 15	Change "develope" to "develop"
p. 79, l. 19	Change "value" to "valve"
p. 86, l. 1	Delete "-"; add "is" after "water hammer"
p. 89, l. 5	Change "conjuncion" to "conjunction"

B. SAFETY CLASSIFICATION AND SYSTEMS INTERACTION (SC CONTENTION 7B)

<u>Page and Line</u>	<u>Change</u>
p. 7, l. 16	Change "3s" to "-3s"
p. 17, l. 8	Delete ":" after "RCIC"
p. 21, l. 13	Change "use" to "uses"
p. 62, l. 11	Change "interactions," to "interactions-"
p. 64, last line	Change "B-216" to "B-316"
p. 66, l. 17	Change "potenial" to "potential"
p. 69, l. 19	Change "considerating" to "considering"
p. 72, n. 19	The third sentence should read: "Whether there exist today or may

exist in the future better techniques for considering systems interactions than PRAs does not mean that PRAs are ineffective in doing so."

p. 72, n. 19, l. 10	Delete "the"
p. 74, l. 16	Insert "adverse" after "against"
p. 74, l. 18	Add ", " after "Further"
p. 80, l. 1	Change "are" to "is"
p. 80, l. 10	Insert "the" between "which table"
p. 83, l. 4	Change "complied" to "compiled"
p. 86, l. 2	Change "addressed" to "addressed"
p. 87, l. 4	Change "Mark" to "Marc"
p. 122, l. 18	Change "114" to "1114"
p. 124, l. 20	Change "Farenheit" to "Fahrenheit"
p. 125, l. 2	Change "degress" to "degrees" and "Farenheit" to "Fahrenheit"
p. 130, l. 23	Change "Kirkland" to "Kirkwood"
p. 140, l. 4	Change "uninterruptable" to "uninterruptible"
p. 143, l. 1	Change "staff" to "Staff"
p. 146, l. 2	Delete ", " after "Other"
p. 149, l. 18	Add "was" after "Shoreham"
p. 154, l. 20	Add "the" after "with"
p. 158, l. 15	Change "TMI 1" to TMI-1"
p. 163, l. 4	Change "is" to "has"
p. 164, l. 1	Change "rule making" to "rulemaking"
p. 165, l. 1	Delete "for" after "programs"
p. 175, l. 2	Change "organizatons" to "organiza- tions"

p. 192, l. 8	Change "pentaborade" to "pentaborate"
p. 199, l. 13	Add ", " after "LILCO"
p. 199, l. 14	Add ", " after "testimony" and delete "studies" after "of studies"
p. 211, l. 4	Change "BWR/4 Mark" to BWR 4/Mark"
p. 215, l. 2	Change "5331" to "5311"
p. 220, l. 22	Change "Jocksimovich" to "Joksimovich"
p. 224, l. 9	Insert "unacceptable" at beginning of line
p. 22, l. 7	Change "scenerio" to "scenario"
p. 22, l. 16	Change "assurane" to "assurance"
p. 232, l. 5	Add ")" after "1981"
p. 234, l. 4	Change "system" to "systems" and "disriminate" to "discriminate"
p. 235, l. 25	Change "couping" to "coupling"
p. 239, l. 5	Change "or" to "of"
p. 240, pen-ultimate line	Delete "the" after "applied in"
p. 243, l. 23	Add "-" after "NRC"
p. 245, l. 28	Change "requiremnts." to "requirements."
p. 246, l. 12	Change "necessry" to "necessary"
p. 247, l. 8	Add ", " after "evidence"
p. 253, l. 17	Change "system" to "systems"
p. 255, l. 12	Change "system" to "systems"
p. 266, l. 4	Change "TBCLCW" to "TBCLCWS"

C. ECCS CORE SPRAY (SC CONTENTION 10)

No errata.

D. VALVE FAILURE (SC CONTENTION 11)

<u>Page and Line</u>	<u>Change</u>
p. 28, l. 13	Change "(manual and air)" to "(motor and air operated)"
p. 96, l. 22-23	Change "violating 10 CFR 40" to "violating 10 CFR 50"
p. 100, l. 22	Change "Circulars)," to "Circulars,"
p. 103, l. 22	Change "and in 1982 LILCO" to "and in 1981 LILCO"
p. 105, l. 12	Change "values" to "valves"

E. ANTICIPATED TRANSIENTS WITHOUT SCRAM (SC CONTENTION 16)

p. 115, n. 17	Change " <u>See also</u> note 8 above." to " <u>See also</u> note 11 above."
---------------	--

F. SEISMIC DESIGN (SOC CONTENTION 19(e))

No errata.

G. MARK II (SC CONTENTION 21)

No errata.

H. SAFETY RELIEF VALVES (SC CONTENTION 22, SC CONTENTION 28(a)(vi)/SOC CONTENTION 7A(6))

<u>Page and Line</u>	<u>Change</u>
p. 48, l. 22	Change "the author" to "one of the authors"
p. 49, l. 16	Change "value's" to "valve's"
p. 173, l. 8	Change "values" to "valves"

p. 178, l. 23 Change "the author" to "one of the authors"

p. 181, l. 9 Change "99,180" to "9,180"

I. POST-ACCIDENT MONITORING (SC CONTENTION 27/SOC CONTENTION 3)

<u>Page and Line</u>	<u>Change</u>
p. 194, l. 10	Delete "." after "Guide"
p. 199, l. 17	Change "witnesses" to "witness"
p. 199, l. 23	Add "Tr. 9690 (Minor)," after "1.97,"
p. 201, l. 8	Change "operation" to "operator"
p. 204, l. 14	Change "Finally the" to "The"
p. 204, last line	Add "Tr. 9560, 9651 (Schmitt)."

Respectfully submitted,

Kathy E. B. McCleskey

Kathy E. B. McCleskey
One Of Counsel for Long Island
Lighting Company

Hunton & Williams
P.O. Box 1535
Richmond, Virginia 23212

DATED: February 28, 1983

CERTIFICATE OF SERVICE

'83 MAR -3 AM 11:25

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 ERRATA TO LILCO's
PROPOSED OPINION AND FINDINGS were served this date upon the
following by first-class mail, postage prepaid:

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. James H. Carpenter
Administrative Judge
Atomic Safety and Licensing
Board Panel
U.S. Nuclear Regulatory
Commission
Washington, D.C. 20555

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.
Karla J. Letsche, 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

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 10013

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

Matthew J. Kelly, Esq.
State of New York
Department of Public Service
Three Empire State Plaza
Albany, New York 12223

Kathy E. B. McCleskey
Kathy E. B. McCleskey

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

DATED: February 28, 1983