



LONG ISLAND LIGHTING COMPANY

SHOREHAM NUCLEAR POWER STATION

P.O. BOX 618, NORTH COUNTRY ROAD • WADING RIVER, N.Y. 11792

Direct Dial Number

March 18, 1983

SNRC-862

Mr. Ronald C. Haynes
Office of Inspection & Enforcement -
Region I
U.S. Nuclear Regulatory Commission
631 Park Avenue
King of Prussia, PA 19406

Long Island Lighting Company
Shoreham Nuclear Power Station - Unit 1
Docket No. 50-322

Reference: SNRC-785 from M. H. Milligan to R. C. Haynes,
dated 10/29/82, GHOSH Program Potential Reportable
Condition

Dear Mr. Haynes:

On February 15, 1983, we notified Region I verbally of an apparent error in the Stone & Webster Engineering Corporation (SWEC) transmittal to General Electric Company (GE) of Rocking Acceleration data for the Mark II Confirmatory Program which could be potentially reportable in accordance with 10CFR50.55(e). This letter serves as our 30 day written report on this potentially reportable condition.

Description of Potential Deficiency

The error consisted of mislabeling of rotational Amplified Response Spectra (ARS) and rotational time history data transmitted by SWEC to GE in April and May of 1981. The Rocking Acceleration data transmitted were labeled radians/sec.², whereas the correct units were g/ft (g represents gravitational acceleration equal to 32.2 ft./sec.²). GE had utilized the specified incorrect units of radians/sec.² in their Mark II Confirmatory Analyses. The horizontal and vertical accelerations were transmitted with the correct units, and therefore are not affected.

8304050346 830318
PDR ADOCK 05000322
S PDR

IE27

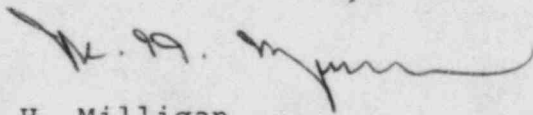
March 18, 1983
SNRC-862
Page 2

Corrective Action

GE has been informed of this problem and is presently reviewing the Mark II Confirmatory analyses. Preliminary investigations indicate that there is enough margin in the present analysis to compensate for this error. This rocking acceleration problem is being evaluated in conjunction with the GHOSH Finite Element Program anomaly (SNRC-785), since both potentially reportable conditions affect the Mark II Confirmatory Program. Our investigation of both concerns is scheduled to be completed by April 1, 1983 at which time a combined final report will be issued to your office.

If you have any questions concerning this matter, please contact us.

Very truly yours,



M. H. Milligan
Project Engineer
Shoreham Nuclear Power Station

DH:mp

cc: Mr. Richard DeYoung, Director
NRC Office of Inspection & Enforcement
Division of Reactor Operator's Inspection
Washington, DC 20555

Mr. J. Higgins, Site Inspector
"All parties listed in Attachment 1"

ATTACHMENT 1

Lawrence Prenner, 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

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

James Dougherty
3045 Porter Street
Washington, D.C. 20008

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

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 10016

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