



LONG ISLAND LIGHTING COMPANY

SHOREHAM NUCLEAR POWER STATION

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

May 13, 1982

SNRC-697

Mr. Ronald C. Haynes
Office of Inspection & Enforcement
Region 1
U.S. Nuclear Regulatory Commission
631 Park Avenue
King of Prussia, PA 19406

SHOREHAM NUCLEAR POWER STATION - UNIT 1
DOCKET NO. 50-322

Dear Mr. Haynes:

On April 7, 1982, in accordance with 10CFR50.55(e), we reported verbally to Region 1 of a potential deficiency within telephone relays that are an integral part of protective relays manufactured by General Electric Co. This letter serves as our 30-day written report of this potential deficiency, and describes the corrective action to be taken.

Description of Deficiency

On April 1, 1982, we were advised by General Electric Co., letter dated March 26, 1982 of a potential problem with some telephone relays which are an integral part of protective relays, manufactured by General Electric Co. The protective relays containing these potentially deficient telephone relays were manufactured between July 1980 and February 1982.

General Electric Co. has determined during their routine factory testing, that a contact button was found separated from the contact arm on some of the integral mounted telephone relays.

As a result of our review of G.E.'s report to us, we determined that this situation constitutes a potential reportable deficiency under 10CFR50.55(e).

8205250021 820513
PDR ADOCK 05000322
S PDR

IER
S/O

May 13, 1982

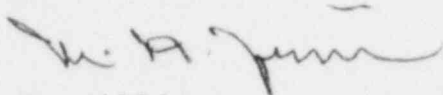
Page Two

Mr. Ronald C. Haynes

Corrective Action

We have obtained a list from General Electric Co. of all protective relays supplied to Shoreham which incorporate the telephone relay. Additionally, we requested Stone & Webster Engineering Corp. to provide us with a list showing the location of all protective relays which incorporate the telephone relay exhibiting the possible subject defect. We expect Stone & Webster's response by May 28, 1982. We will then survey these relays to determine if the deficiency exists. The survey and the relay replacement, if necessary, shall be completed by August 31, 1982.

Very truly yours,



M. H. Milligan
Project Engineer
Shoreham Nuclear Power Station

JSK/pg

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

Mr. J. Higgins, Site NRC

All parties