

3. A field survey of all protective relays incorporating the telephone relay has been completed. Thirteen class 1E relays have been found having the suspect date codes and six class 1E relays were missing QC date code stickers. All relays with suspect date codes and without date code stickers have been visually inspected as per G.E.'s recommendation and their installed locations have been recorded. At the completion of the visual inspection, there were no defective telephone relays found in Shoreham's equipment.

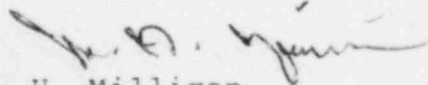
Subsequently, on December 22, 1982, we were informed by LILCO Startup that one class 1E telephone relay had been found by them with a separated contact button. A report of this failure was submitted to the Stone & Webster Site Engineering Office for their evaluation and determination of the cause of this failure.

Following evaluation of the available information and the defective relay's application, the Site Engineering Office has not been able to determine if this failure was the result of the generic problem as described in G.E.'s letter, dated March 26, 1982, or an isolated failure unrelated to the subject defect. The defective relay has been replaced and is being forwarded to G.E. for their analysis.

Corrective Action to Prevent Recurrence

A visual inspection of all suspect class 1E date code relays and relays without date code stickers will be performed on a monthly basis to detect any evidence of defects and to ensure safe operation of these relays. Replacement relays are being ordered for all class 1E suspect date code relays and relays without date stickers. Upon receipt and installation of the replacement relays for the required applications, the monthly visual inspections will be terminated.

Very truly yours,



M. H. Milligan
Project Engineer
Shoreham Nuclear Power Station

JSK/laws2

cc: All Parties

Mr. J. Higgins, Site NRC

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



LONG ISLAND LIGHTING COMPANY

SHOREHAM NUCLEAR POWER STATION

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Direct Dial Number

February 7, 1983

SNRC-819

Mr. Ronald C. Haynes
Office of Inspection and Enforcement
Region 1
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

Dear Mr. Haynes:

On April 7, 1982, in accordance with 10CFR50.55(e), we reported verbally to Region 1 of a potential deficiency with telephone relays that are an integral part of protective relays manufactured by General Electric Company. A 30-day written report of this deficiency was submitted on May 13, 1982 (Ref. SNRC-697). This letter serves as a follow-up report.

Description of Deficiency

On April 1, 1982, we were advised by G.E. of a potential problem with telephone relays which are an integral part of protective relays utilized in various class 1E switchgear at Shoreham. The protective relays containing these potentially deficient telephone relays were manufactured between July, 1980 and February, 1982.

G.E. 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 constituted a potential reportable deficiency under 10CFR50.55(e).

Corrective Action

The following corrective actions have been taken:

1. A list of all protective relays supplied to Shoreham which incorporate telephone relays was obtained from G.E.
2. Stone & Webster Engineering Corp. prepared a list showing the locations of all protective relays incorporating the telephone relays.

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