

ATTACHMENT A

BOSTON EDISON COMPANY
GENERAL OFFICES 800 BOYLSTON STREET
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A. V. MORISI
MANAGER
NUCLEAR OPERATIONS SUPPORT DEPARTMENT

November 7, 1980

Mr. Boyce H. Grier, Director
Office of Inspection and Enforcement
Region I
U.S. Nuclear Regulatory Commission
631 Park Avenue
King of Prussia, PA. 19406

License No. DPR-35
Docket No. 50-293

Response to IE Bulletin #80-15

Dear Sir:

This response is to comply with the request for a summary report within 75 days to action items one through five of IE Bulletin #80-15 entitled "Possible Loss of Emergency Notification System (ENS) with Loss of Off-Site Power".

Request No. 1

Within 10 days of the date of this Bulletin, determine by direct inspection, in conjunction with the appropriate telephone company representative, the manner in which the ENS at your facility is powered.

Response

The determination was made on June 30, 1980 with the assistance of a New England Telephone Representative that audio circuits of the ENS at PNPS did not have an uninterrupted power supply (UPS) for emergency backup power. The ring circuits however, utilize UPS circuits deriving their power from telephone local switching centers and did meet power requirements.

Request No. 2

Those facilities which have station packages requiring on-site power, but which are not connected to a safeguards instrumentation bus which is backed up by batteries and an inverter or equally reliable power supply, shall make necessary modifications and provide such a connection.

Response

On July 31, 1980 installation of a UPS 120VAC supply to the ENS audio circuits was completed. The 120V line derives its power from the security system's uninterrupted power supply. A continuously monitored alarm point was also added which will monitor the loss of primary and standby power to the ENS audio circuits.

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In the unlikely event the alarm is actuated, operations personnel will immediately be notified and referred to Station Procedure No. 2.2.17 for corrective action.

Request No. 3

All facilities are to develop and conduct a test, within 60 days of the issuance of this Bulletin, to verify that all extensions of the ENS located at your facility(ies) would remain fully operable from the facility(ies) to the NRC Operations Center in the event of a loss of offsite power to your facility(ies). This is not intended to mean that an actual loss of offsite power be executed.

Response

On July 31, 1980, following installation of the UPS circuit, a test was conducted with the assistance of the ENS NRC Operator to ensure that the interruption of power first disabled and then re-established communications and that an alarm was generated at the security console. On August 15, 1980 a limited test conducted on the ring circuits of the ENS revealed that the NRC's office trailer extension phone's ring circuit is dependent on a local power source. The telephone representative was contacted and indicated that this problem will be remedied before September 1, 1980.

Request Nos. 4 & 5

If it is determined that a station package requiring on-site power is not connected to a safeguards instrumentation bus backed up by automatic transfer to batteries and an inverter or an equally reliable power supply, notify the NRC Operations Center via the ENS within 24 hours after such determination.

Prepare and issue an administrative procedure or directive which requires notification to the NRC Operations Center by commercial telephone or relayed message within one hour of the time that one or more extensions of the ENS located at your facility(ies) is subsequently found to be inoperable for any reason.

Response

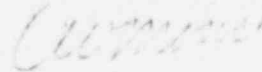
The NRC was notified as requested of the lack of emergency power backups to the ENS circuits. A revision to station procedure number 2.2.17 entitled "Communications" is being processed. This procedure change will be approved on August 20, 1980. This procedure specifies the action to be taken if one or more extensions of the ENS is found inoperable for any reason.

The review, notifications and testing requested in this bulletin and preparation of this report required approximately 16 manhours.

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We believe that the action taken in response to this bulletin provides reasonable assurance of the integrity of the ENS circuits without the execution of an actual loss of offsite power.

Very truly yours,



Attachments

Commonwealth of Massachusetts)
County of Suffolk)

Then personally appeared before me A. Victor Morisi, who, being duly sworn, did state that he is Manager - Nuclear Operations Support Department of Boston Edison Company, the applicant herein, and that he is duly authorized to execute and file the submittal contained herein in the name and on behalf of Boston Edison Company and that the statements in said submittal are true to the best of his knowledge and belief.

My Commission expires: Jan. 17, 1986

Harrison R. Balfour
Notary Public

cc: Director
Division of Reactor Operations Inspection