BOSTON EDISON COMPANY GENERAL OFFICES BOD BOYLSTON STREET BOSTON, MASSACHUSETTS 02199

A. V. MORISI MANAGER NUCLEAR OPERATIONS SUPPORT DEPARTMENT

Mr. Boyce H. Grier, Director

King of Prussia, PA. 19406

Office of Inspection and Enforcement

U.S. Nuclear Regulatory Commission

February 3, 1981



TIP

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

Ref. (1) BECo. Ltr. #80-50 to NRC dated October 29, 1980 (2) BECo. Ltr. #79-206 to NRC dated October 22, 1979

Attachment (1) Supplement 1 to Pilgrim Unit #1 IE Bulletin #79-01B - Final Response

Dear Sir:

Region 1

631 Park Avenue

Reference (1) provided Boston Edison Company's final response to IE Bulletin #79-01B for Pilgrim Station and stated that results of TMI equipment qualification evaluations for installed equipment would be submitted February 1, 1981. Boston Edison Company has reviewed the Reference (1) submittal against installed TMI equipment and has identified the need for this supplement to our final response to address the qualification of relief valve position indicators. As previously stated in Reference (2), Boston Edison has installed acoustic monitoring devices to provide a positive indication of flow in the discharge line. These devices are not Class IE but all of the requirements of 11.D.3 of NUREG 0737 have been satisfied; i.e., they are powered from a vital instrument bus, a backup method of determining valve position is available, and they are being tested by the manufacturer in an attempt to meet IEEE 323-74. These devices were installed during Pilgrim's 1980 refueling outage while the manufacturer's test program was in progress. The manufacturer has since submitted a draft of the test results which Boston Edison has found to be inconclusive.

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Mr. Boyce H. Grier, Director February 3, 1981 Page 2 - BECo. Ltr. #81-15

As a result, additional testing is necessary and the manufacturer is being approached regarding initiation of a further program. At the present time, it is anticipated that such a program will be completed by April 1, 1981.

Very truly yours,

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 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:

General Pub

T	ENVIRONMENT			DOCUMENTATION REF*		QUAL.	OUTSTANDING
EQUIPMENT DESCRIPTION	PARAMETER	SPEC.	QUAL.	SPEC.	QUAL.	METHOD	ITEMS
SYSTEM: Nuclear Boiler PLANT ID NO. ZT 203-1,2,3,4,5,6	OPERATING TIME	R-LOCA- 30 days					See Note 1
COMPONENT: Charge Converter	TEMP. (°F)	Service Profiles 1(a)&1(b)		1 & 2			See Note 1
MANUE ACTURER: TEC	PRESSURE (PSTA)	Service Profiles 1(a)&1(b)		1 & 2			See Note 1
MODEL NUMBER: 501	RELATIVE HUMIDITY(%)	100					See Note 1
FUNCTION: Safety Related Display	CHEMICAL SPRAY	NA	NA	NA	NA	NA	NA
ACCURACY: SPEC: NA DEMON: NA	RADIATION (RADS)	3.5×10E7		3			See Note 1
SERVICE: SRV Flow Monitoring LOCATION: 1.30	AGING						See Note 1
FLOOD LEVEL ELEV: ABOVE FLOOD LEVEL: NA	SUBMER- GENCE	NA	NA	NA	NA	NA	NA

*DOCUMENTATION REFERENCES:

- 1. FSAR Figures 14.0-31 & 32
- FSAR Amendment 20, Response to comment 5,2.1, Figures 5.2.1 through 5.2.1.4
- 3. FSAR Figure 14.9.19
- Draft of Qualification Test Report for Environmental and Seismic Testing of the TEC Valve Flow Monitor System No. 517-TR-03, dated December 1980

NOTES:

 Draft of Qualification Test Report for Environmental and Seismic Testing of the TEC Valve Flow Monitor System No. 517-TR-03 is inconclusive for this parameter. Components are to be retested and test results are expected by April 1, 1981.

EQUIPMENT DESCRIPTION	ENVIRONMENT			DOCUMENTATION REF*		QUAL.	OUTSTANDING
	PARAMETER	SPEC.	QUAL.	SPEC.	QUAL.	METHOD	ITEMS
SYSTEM: Nuclear Boller PLANT ID NO. 77 203-1 2 3 4 5 6	OPERATING TIME	R-LOCA- 30 days					See Note 1
COMPONENT: Cable	TEMP. (^O F)	Service Profiles J(a)&1(b)		1 & 2			See Note 1
MANUFACTURER: TEC	PRESSURE (PSTA)	Service Profiles 1(a)&1(b)		1 & 2			See Note 1
MODEL NUMBER: RG-195	RELATIVE HUM!D'TY(%)	100					See Note 1
FUNCTION: Safety Related Display	CHEMICAL SPRAY	NA	NA	NA	NA	NA	NA
ACCURACY: SPEC: NA DEMON: NA	RADIATION (RADS)	3.5×10E7		3			See Note 2
SERVICE: SRY Flow Monitoring LOCATION: 1.30	AGING						See Note 1
FLOOD LEVEL ELEV: ABOVE FLOOD LEVEL: NA	SUBMER- GENCE	NA	NA	NA	NA	NA	NA

*DOCUMENTATION REFERENCES:

- 1. FSAR Figures 14.0-31 & 32
- 2. FSAR Amendment 20, Response to comment 5.2.1, Figures 5.2.1 through 5.2.1.4
- 3. FSAR Figure 14.9.19
- Draft of Qualification Test Report for Environmental and Seismic Testing of the TEC Valve Flow Monitor System No. 517-TR-03, dated December 1980

NOTES:

- Draft of Qualification Test Report for Environmental and Seismic Testing of the TEC Valve Flow Monitor System No. 517-TR-03 is inconclusive for this parameter. Components are to be retested and test results are expected by April 1, 1981.
- Installed cable did not demonstrate ability to withstand specified integrated dose when tested. Cable to be replaced hy December 1, 1981.

EQUIPMENT DESCRIPTION	ENVIRONMENT			DOCUMENTATION REF*		QUAL.	OUTSTANDING
	PARAMETER	SPEC.	QUAL.	SPEC.	QUAL.	METHOD	ITEMS
SYSTEM: Nuclear Boiler	OPERATING TIME	R-LOCA- 30 days					See Note 1
COMPONENT: Accelerometer	TEMP. (°F)	Service Profiles 1(a)&1(b)		1 & 2			See Note 1
	PRESSURE (PSTA)	Service Profiles 1(a)&1(b)		1 & 2			See Note 1
MANUFACTURER: BBN MODEL NUMBER: 4241SO	RELATIVE HUMIDITY(%)	100					See Note 1
FUNCTION: Safety Related Display	CHEMICAL SPRAY	NA	NA	NA	NA	NA	NA
ACCURACY: SPEC: NA DEMON: NA	RADIATION (RADS)	3.5×10E7	2×10E8	3	4	Sequential Test	
SERVICE: SRY Flow Monitoring LOCATION: 1.30	AGING						See Note 1
FLOOD LEVEL ELEV: ABOVE FLOOD LEVEL: NA	SUBMER- GENCE	NA	NA	NA	AК	NA	NA

*DOCUMENTATION REFERENCES:

- 1. FSAR Figures 14.0-31 & 32
- FSAR Amendment 20, Response to comment 5,2.1, Figures 5.2.1 through 5.2.1.4
- 3. FSAR Figure 14.9.19
- Draft of Qualification Test Report for Environmental and Seismic Testing of the TEC Valve Flow Monitor System No. 517-TR-03, dated December 1980

NOTES:

 Draft of Qualification Test Report for Environmental and Seismic Testing of the TEC Valve Flow Monitor System No. 517-TR-03 is inconclusive for this parameter. Components are to be retested and test results are expected by April 1, 1981.