JUL 28 1982

Docket No. 50-293

Mr. A. Victor Morisi
Manager, Nuclear Operations
Support Department
Boston Edison Company
25 Braintree Hill Park
Rockdale Street
Braintree, MA 02184

Dear Mr. Morisi:

SUBJECT: REACTOR PROTECTION SYSTEM (RPS) POWER MONITORING SYSTEM DESIGN MODIFICATION

Re: Pilgrim Nuclear Power Station

In our September 1, 1981 letter on this subject model Technical Specifications for electric power monitoring of the RPS were included for your consideration. The enclosure to this letter contains a revised version of the model Technical Specifications which is less restrictive in some of the requirements than the earlier version.

Sincerely,

Original signed by
D. B. Vassallo

Domenic B. Vassallo, Chief
Operating Reactors Branch #2
Division of Licensing

Enclosure:
As stated

cc w/enclosure:
See next page

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Mr. A. Victor Morisi
Boston Edison Company

cc:

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Pilgrim Station Manager
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ELECTRICAL POWER SYSTEMS

REACTOR PROTECTION SYSTEM ELECTRIC POWER MONITORING

LIMITING CONDITION FOR OPERATION

3.8.4.4 Two RPS electric power monitoring channels for each inservice RPS MG set or alternate source shall be OPERABLE.

APPLICABILITY: At all times.

ACTION:

a. With one RPS electric power monitoring channel for an inservice RPS MG set or alternate power supply inoperable, restore the inoperable channel to OPERABLE status within 72 hours or remove the associated RPS MG set or alternate power supply from service.

b. With both RPS electric power monitoring channels for an inservice RPS MG set or alternate power supply inoperable, restore at least one to OPERABLE status within 30 minutes or remove the associated RPS MG set or alternate power supply from service.

SURVEILLANCE REQUIREMENTS

4.8.4.4 The above specified RPS power monitoring system instrumentation shall be determined OPERABLE:

a. At least once per 6 months by performance of a CHANNEL FUNCTIONAL TEST, and

b. At least once per 18 months by demonstrating the OPERABILITY of over-voltage, under-voltage and under-frequency protective instrumentation by performance of a CHANNEL CALIBRATION including simulated automatic actuation of the protective relays, tripping logic and output circuit breakers and verifying the following setpoints:

1. Over-voltage $\leq$ (132) VAC,

2. Under-voltage $\geq$ (108) VAC, and

3. Under-frequency $\geq$ (57) Hz.