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August 10, 1984
BECO 84-133

Mr. Domenic B. Vassallo, Chief
Operating Reactors Branch #2
Division of Licensing
Office of Nuclear Reactor Regulation
U.S. Nuclear Regulatory Commission
Washington, D. C. 20555

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

Generic Letter 82-33, TMI Item I.D.2,
Safety Parameter Display System (SPDS)

Dear Sir:

Following the accident at Three Mile Island, the NRC determined the need for a Safety Parameter Display System (SPDS). This system is to provide a concise display of critical plant operating variables to control room and support personnel during emergency conditions.

By letter of October 26, 1983, Boston Edison committed to complete the conceptual design and to supply a safety analysis report for the Pilgrim Nuclear Power Station SPDS by November 15, 1984. A December 1984 date was given for the submittal of final implementation commitments.

Attached for your review is a conceptual design description for the Emergency and Plant Information Computer (EPIC) SPDS which is to be installed at Pilgrim. The EPIC-SPDS system has been developed by General Electric using verification and validation methodology. It is our intent to define and develop procedures which will ensure that the system is operated under a program where design objectives are maintained and can be verified. This program will be developed as a project activity prior to the post-implementation review.

Boston Edison intends to achieve final implementation of SPDS by December 31, 1986. We believe this submittal satisfies our I.D.2 October 26, 1983 commitments. Should you wish further information concerning this issue, please contact us.

Please note that this report and the system it describes are considered proprietary by General Electric, therefore its contents should not be reproduced without the written consent of General Electric.

Very truly yours,

W D Harrington

Attachment: Conceptual Design Description for EPIC SPDS
for Pilgrim Nuclear Power Station

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