

BOSTON EDISON COMPANY
GENERAL OFFICES 800 BOYLSTON STREET
BOSTON, MASSACHUSETTS 02199



A. V. MORISI
MANAGER
NUCLEAR OPERATIONS SUPPORT DEPARTMENT

October 2, 1981

BECo ltr. #81-232

Mr. Thomas A. Ippolito, 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

Additional Information on Proposed change
to Technical Specifications on Standby
Gas Treatment System and Control Room
High Efficiency Air Filtration System

Reference a) Boston Edison Co. letter #81-230
(J. E. Howard) to NRC (T. A. Ippolito)
dated September 30, 1981

Dear Sir:

Reference a) requested conditional relief from Technical Specifications and included as an attachment, a safety evaluation identifying block wall 212.1 as not able to maintain structural stability during a seismic event, high energy pipe break outside containment and tornado depressurization. Of the systems identified that will not maintain their intended design function during these events, the following additional information is offered on the RHR loop A (shutdown cooling):

The specific failures which would render the Shutdown Cooling - A inoperable would be the "shorting" of logic control cables for the MO1001-43A and MO1001-43C shutdown cooling suction valves.

The effect is to cause the appearance of a loss of suction path for each respective RHR pump, thus initiating a pump trip. The pump trip is an equipment protective function.

This potential failure mode of Shutdown Cooling Loop A will be compensated for by putting in place a "Special Order" to specify the actions to be implemented by operations personnel following a wall failure which renders the RHR pumps inoperable.

Also, as requested by Mr. Mark Williams of your staff, the temporary procedure to terminate fuel handling operations in the event of a Tornado "Warning" will be changed to Tornado "Watch"

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Should additional information be desired on this subject, please do not hesitate to contact us.

Very truly yours,

J.M. Fuller Sr./AMC