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 Docket No. 50-293 OELD ACRS=10  
 AEOD CMiles OCT 8 - 1982  
 IE-LJHarmon RDiggs  
 IE-ELJordan ASLAB

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

Dear Mr. Morisi:

SUBJECT: DEGRADED GRID PROTECTION FOR CLASS 1E POWER SYSTEMS

Your submittal of June 17, 1982 provided the results of studies conducted to determine the need for additional undervoltage protection on the unit auxiliary transformer power supply to the Class 1E buses. Our contractor, Lawrence Livermore Laboratory (LLL), has reviewed your submittals referenced in the enclosed Technical Evaluation Report (TER) and concluded that (1) Class 1E equipment will not be exposed to degraded voltage conditions, (2) the system is designed to prevent automatic load shedding of the emergency buses once the onsite sources are energizing all sequenced loads, and (3) Technical Specification changes proposed by Boston Edison (Ref. Amendments 42 and 61) are acceptable.

We have reviewed the LLL TER and agree with its conclusion that the installed modifications, plant procedures, operating restrictions and voltage schedules will ensure that the Class 1E equipment will not be exposed to degraded voltage. The enclosed Safety Evaluation documents our findings.

Sincerely,

Original signed by  
 D. B. Vassallo

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

Enclosures:  
 1. Safety Evaluation  
 2. TER

cc w/enclosures:  
 See next page

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 PDR

OFFICE	ORB#2:DL	ORB#2:DL K7E	C-ORB#2:DL				
SURNAME	SNorris	KEccleston	DVassallo				
DATE	10/7/82	10/7/82:cb	10/8/82				

Mr. A. Victor Morisi  
Boston Edison Company

cc:

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