

JERSEY CENTRAL POWER & LIGHT COMPANY  
Madison Avenue at Punch Bowl Road  
Morristown, New Jersey 07960

May 23, 1975

A. Giambusso, Director  
Division of Reactor Licensing  
U. S. Nuclear Regulator Commission  
Washington, D. C. 20555



Dear Mr. Giambusso:

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As you are aware from the meeting with your staff on May 20, 1975, the Oyster Creek Nuclear Generating Station Unit 1 was not originally designed to accommodate all possible single failures in the electrical system and still assure adequate emergency core cooling. The specific situation of a break in one core spray line accompanied by failure of the opposite system diesel bus was discussed in detail during that meeting. Under a separate letter dated May 23, 1975, we provided you with an analysis to demonstrate that a condensate pump could be used to assure adequate core cooling in the event an electrical failure caused the redundant core spray systems to become inoperable for this unlikely assumed break.

As we indicated during the May 20 meeting, while we have performed exhaustive reviews to assure that all possible active failures in the ECCS systems have been examined, we have not done so in the same systematic fashion for all possible passive failures in the electrical system, in the detail necessary to give complete assurance that no other failure of the above consequence exists. However, we have recently made a preliminary

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review of our systems, which has been audited by your staff, and have not found any other such failures. This along with our knowledge of the systems and the reviews provided for the FTOL review for a number of electrical systems, gives us confidence that our systems will be able to accomodate passive single failures.

Our staff will continue its detailed review of this matter which we expect to complete within 30 days. We will keep you informed of any possible failures which could create a situation of similar consequence. In the unlikely event that we find such a failure, it is our intent to implement a program to correct it. In this regard, we have implemented a program to eliminate the difficulty associated with the diesel generator bus fault described above. Our present plans indicate that this corrective action will have been completed within about 60 days.

  
Donald A. Ross, Manager  
of Nuclear Generating Stations