



UNITED STATES  
ATOMIC ENERGY COMMISSION  
WASHINGTON, D.C. 20545

20(3)

Docket No. 50-219

October 19, 1973

*Greenman*  
50-219

Jersey Central Power & Light Company  
ATTN: Mr. I. R. Finfrock, Jr.  
Vice President - Generation  
Madison Avenue at Punch Bowl Road  
Morristown, New Jersey 07960

Gentlemen:

The Regulatory staff has had the subject of anticipated transients without scram (ATWS) in water-cooled reactor power plants under study for some time.

The staff has completed its review of ATWS and has concluded that measures should be taken to improve nuclear plant designs in this regard. Details of the staff review and conclusions and of the steps that should be taken to deal with ATWS are given in the staff document "Technical Report on Anticipated Transients Without Scram for Water-Cooled Power Reactors," September 1973, a copy of which is enclosed for your information.

Acceptable measures that should be taken for the Oyster Creek Nuclear Generating Station are either those in Section II-A or II-C of the staff position, Appendix A of the enclosed report. In Section 5.2 of Amendment 68, Application for a Full-Term License, you presented the results of your analysis of ATWS incorporating recirculation pump trip and the use of the standby liquid control system. However, no commitment was made in regard to implementation of a plant modification to make these analyses applicable to Oyster Creek.

Please review the ATWS analyses that you have submitted for consistency with the staff position as stated in the enclosed report and inform us by January 1, 1974, of the approach you intend to take. Your response should be submitted as one original and thirty-nine additional copies.

The staff is prepared to discuss this matter with you at a mutually agreeable time.

Sincerely,

A. Giambusso, Deputy Director  
for Reactor Projects  
Directorate of Licensing

Enclosure: See Next Page

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Jersey Central Power & Light  
Company

- 2 -

October 19, 1973

Enclosure:

Technical Report on Anticipated Transients  
Without Scram for Water-Cooled Power Reactors

cc: George F. Trowbridge, Esquire  
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