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MAR 23 1972

Docket No. 50-219

Jersey Central Power & Light Company  
ATTN: Mr. R. H. Sims, Vice President  
Madison Avenue at Punch Bowl Road  
Morristown, New Jersey 07960

Change No. 10  
License No. DPR-16

Gentlemen:

Your letter dated December 22, 1971, submitted Change Request No. 10 to the Technical Specifications of Provisional Operating License No. DPR-16 for the Oyster Creek Nuclear Power Plant Unit No. I. The proposed change would increase the limit on radioactivity in stored liquid waste from 0.7 curie to 10.0 curies.

Based on our review of the proposed change, we made certain modifications to clarify the specification and its basis. We have concluded that implementation of the change, as modified, will not present significant hazards considerations not described or implicit in the Safety Analysis Report and that there is reasonable assurance that the health and safety of the public will not be endangered by operation in the manner proposed.

Accordingly, pursuant to Section 50.59 of 10 CFR Part 50, the Technical Specifications of Provisional Operating License No. DPR-16 are hereby changed as indicated in Attachment A.

Sincerely,

15/

Donald J. Skovholt  
Assistant Director  
for Reactor Operations  
Division of Reactor Licensing

Enclosure:

Attachment A - Change to the  
Technical Specifications

cc: George F. Trowbridge, Esquire  
Shaw, Pittman, Potts, Trowbridge & Madden  
910 - 17th Street, N. W.  
Washington, D. C. 20006

10-3/30/72

OFFICE ▶	DRL	DRL	DRL	DRL		
SURNAME ▶	TWambach:pd1	SATees	RJSchemel	DJSkovholt		LB
DATE ▶	3/16/72	3/17/72	3/17/72	3/17/72		



UNITED STATES  
ATOMIC ENERGY COMMISSION

WASHINGTON, D.C. 20545

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Sincerely,

A handwritten signature in cursive script, appearing to read "Donald J. Skovholt".

Donald J. Skovholt  
Assistant Director  
for Reactor Operations  
Division of Reactor Licensing

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Attachment A - Change to the  
Technical Specifications

cc: George F. Trowbridge, Esquire  
Shaw, Pittman, Potts, Trowbridge & Madden  
910 - 17th Street, N. W.  
Washington, D. C. 20006

ATTACHMENT A

CHANGE NO. 10 TO THE TECHNICAL SPECIFICATIONS

PROVISIONAL OPERATING LICENSE NO. DPR-16

JERSEY CENTRAL POWER & LIGHT COMPANY

DOCKET NO. 50-219

1. Replace paragraph 3.6.C in its entirety with the following:

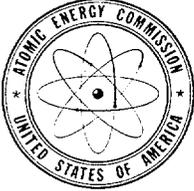
"C. Radioactive Liquid Storage

The maximum amount of radioactivity, excluding tritium, noble gases, and those isotopes with half lives shorter than three days, contained in the radwaste storage tanks outside the radwaste building shall not exceed 10.0 curies. If this activity exceeds 5.0 curies, then the stored liquid will be recycled to tanks within the radwaste facility until the level is reduced below 5.0 curies."

2. In the bases for Specification 3.6.C. delete the paragraph beginning "Limiting the radioactive contents . . ." and replace it with the following:

"Retaining radioactive liquids on-site in order to permit systematic and complete processing is consistent with maintaining radioactive discharges to the environment as low as practicable. Limiting the stored contents to 10.0 curies of activity assures that even in the extremely unlikely event of simultaneous rupture of all of the tanks, the total activity discharged to the Bay would not be greater than the maximum activity recommended as the limiting condition for operation for the annual total quantity released in effluents that is given in proposed Appendix I to 10 CFR 50. This amount of activity would also be less than half the activity discharged to the Bay in one year if the plant were to discharge continuously with the effluent having a radioactive concentration equal to the 10 CFR 20 MPC for unidentified isotopes.

The main pathway to man for activity deposited in the Bay is through the consumption of aquatic biota since there are no drinking water supplies taken from the Bay. The concentrations that could develop in the canal are reduced rapidly in the Bay (See FDSAR Figure II.4.2). The peak concentrations exist for a relatively short time in the Bay and this combined with the uptake time of the biota could result in only minor increases in the equilibrium levels of radioisotopes in the biota. Isotopes with half lives less than three days are not of concern since there is sufficient delay between production in the plant, discharge by means of this postulated accident and human consumption to preclude their being biologically significant. Tritium and noble gases are excluded also because they are not biologically significant. The requirement to process the tank contents if the activity inventory exceeds 5.0 curies assures action is taken on a timely basis to avoid reaching or exceeding the limit."



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

NOV 22 1971

File (Docket No. 80-210)

THRU: R. J. Schemel, Chief, ORB #1, DRL

SAFETY REVIEW OF CHANGE REQUEST NO. 10, OYSTER CREEK REACTOR

By Change Request No. 10 dated November 22, 1971, the licensee has requested a temporary change in the Technical Specifications to permit operation at 50% power for 48 hours with the containment atmosphere having an oxygen concentration greater than 5% by volume. This is an allowance of 24 hours more than presently specified in Section 3.5.A.6 of the Technical Specifications for 100% power operation. The request arises from circumstances beyond the control of the licensee that caused equipment to be delayed from arriving on schedule at the site. The plant was started up based upon this equipment arriving on schedule. Since the plant is already at 50% power and presently operating within all requirements of the Technical Specifications, we concur with the justification for maintaining the plant in a steady state condition at 50% power for the additional 24 hours to allow time for inerting the containment atmosphere. We have concluded that the implementation of this change under the conditions described will not present significant hazards considerations not described or implicit in the Safety Analysis Report and that there is reasonable assurance that the health and safety of the public will not be endangered.

*T. V. Wambach*

T. V. Wambach  
Operating Reactors Branch #1  
Division of Reactor Licensing

cc: D. J. Skovholt  
R. H. Vollmer  
R. J. Schemel  
T. V. Wambach  
S. A. Teets  
M. Jinks (2)