
631 Park Avenue
King of Prussia, Pennsylvania 19406

OCT 31 1973

Memorandum to File

Thru: D. L. Capton, Senior Reactor Inspector, BWR Section

Telephone Call to Mr. J. T. Carroll, Plant Superintendent, Jersey Central
Power and Light Company - Docket No. 50-219

E. G. Greenman called Oyster Creek on October 26, 1973 to complete a
proprietary information review with the licensee for RO Inspection
Report No. 50-219/73-15. The report was read essentially verbatim
to Mr. Carroll. Following this review, Mr. Carroll requested time to
obtain the concurrence of D. A. Ross, Manager of Nuclear Generating
Stations. Mr. Carroll contacted RO:I at 4:45 p.m. on October 26, 1973
and stated that JCPL had no objection to the release of this report.
The report was issued on October 26th.

E. G. Greenman
Reactor Inspector,
BWR Section

OPS
Greenman 10/31/73

B/87



UNITED STATES
ATOMIC ENERGY COMMISSION
DIRECTORATE OF REGULATORY OPERATIONS
REGION I
~~970 BROAD STREET~~
~~NEWARK, NEW JERSEY - OFFICE~~
631 Park Avenue
King of Prussia, Pennsylvania 19406

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Thru: D. L. Caphton, Senior Reactor Inspector, BWR Section

Telephone Call to Mr. J. T. Carroll, Plant Superintendent, Jersey Central Power and Light Company - Docket No. 50-219

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A handwritten signature in cursive script, reading "E. G. Greenman", is positioned above the typed name.

E. G. Greenman
Reactor Inspector,
BWR Section



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

October 31, 1973

Docket No. 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

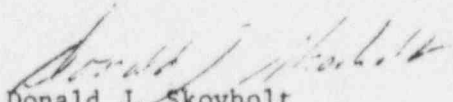
Gentlemen:

By letter dated October 26, 1973, we requested you to supply revised curves representing the limits for the average planar linear heat generation rate set forth in the curves labeled "γ" in Figures 4-9A1 and 4-9A2 of NEDM-10735, Supplements 6, 7, and 8. The revision would present the results of detailed heatup calculations to exposures higher than 15,000 MWD/T. These curves would be applicable to Type I and Type II fuel assemblies.

For Type III E fuel assemblies, you proposed a new curve by letter dated September 7, 1973. We understand that this curve is based on core heatup calculations up to 10,000 MWD/T. Please submit a revised curve that includes the results of detailed heatup calculations to an exposure that exceeds the expected maximum planar exposure during this cycle.

In addition, for the Type III E fuel assemblies, revise your heatup calculations to include a sink temperature appropriate to the accident environment and a heavy element contribution in the decay heat curve equivalent to 0.31%. Also, in support of your request to remove the 100°F penalty associated with the effects of a passive rod in the fuel assembly on the spray heat transfer coefficient, please provide the results of your parametric studies that show the sensitivity of the peak clad temperature to changes in the spray heat transfer coefficient at time of passive rod quenching and to changes in quenching time. The above requested information should be submitted for staff review by November 7, 1973.

Sincerely,


Donald J. Skovholt
Assistant Director for
Operating Reactors
Directorate of Licensing

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cc: See Next Page

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Jersey Central Power & Light
Company

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October 31, 1973

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

GPU Service Corporation
ATTN: Mr. Thomas M. Crimmins
Safety & Licensing Manager
260 Cherry Hill Road
Parsippany, New Jersey 07054

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Brigantine Tutoring
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Brigantine, New Jersey 08203

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Township Clerk
Township of Ocean
Waretown, New Jersey 08753

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Berlin, Roisman & Kessler
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