

March 30, 1973

J. G. Keppler, Chief, Reactor Testing & Operations Branch
Directorate of Regulatory Operations, HQ

RO INSPECTION REPORT NO. 50-219/73-04
JERSEY CENTRAL POWER & LIGHT COMPANY
OYSTER CREEK - BWR

The subject special inspection report is forwarded for action. A letter has been issued from this office to Jersey Central regarding the violations identified by this report.

It is recommended that RO Technical Assistance Branch* (and the RO consultant Parameters) perform a review of this matter in that a thermal transient occurred which was outside of the allowable temperature (50°F) specified by the Technical Specifications, paragraph 3.3.C.2.

The licensee contacted GE and obtained information for an analysis for this type transient that was performed for another plant** (stated to be the Zimmer plant). Based upon the stated analyzed transient, alleged to be more severe than this one at OC, GE informed the licensee that this thermal transient was insignificant.

The licensee also stated that MPR (a consultant) performed a ball park type stress calculation that indicated strains resulting from the transient were well within allowable ranges for the nozzle material.

The flux increase from this cold water injection was slightly less than the scram setting and no flux scram occurred.

The licensee intends to submit a report to the Directorate of Licensing relating to the matters of this cold water injection incident.

*Reference D. L. Caphton telecon to G. W. Reimmuth on March 28, 1973.
**This thermal transient appears not to have been analyzed for Oyster Creek.

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OFFICE ▶	RO DHC				
SURNAME ▶	Caphton: smg				
DATE ▶	3/30/73				

The inspector also found that progress was being made relative to our concerns in the area of radiological control at OC. The report also discusses the relatively high stack release rates.

D. L. Caphon
Senior Reactor Inspector
Facility Operations Branch

Enclosure:
Subject Inspection Report (21 cys)

cc: RO:HQ (5)
PDR, report only
Local PDR, report only
NSIC, report only
DTIE, report only
State of New Jersey, report only