

TEPA



UNITED STATES
NUCLEAR REGULATORY COMMISSION
WASHINGTON, D. C. 20555

April 16, 1981

Docket No. 50-219
LSO-581-04-026
LSOS-81-04-026



Mr. I. R. Finfrock, Jr.
Vice President
Jersey Central Power & Light Company
Post Office Box 388
Forked River, New Jersey 08731

Dear Mr. Finfrock:

RE: SEP TOPIC III-5.B, Pipe Break Outside Containment
(Oyster Creek Nuclear Generating Station)

Your letter dated October 6, 1980, proposed the installation of a leak detection system on the emergency condenser piping on the 75 foot elevation of the reactor building. Your proposed plant modification is in response to our letter of July 10, 1980 which requested that you provide a schedule for modifications to provide adequate protection against postulated high energy line breaks for this piping.

We are continuing our review of this subject and find that additional information described in the enclosure to this letter is needed. We request your response within 30 days of your receipt of this letter.

The information contained in the enclosure was discussed with your representative at a meeting on March 25, 1981.

Sincerely,

Dennis M. Crutchfield
Dennis M. Crutchfield, Chief
Operating Reactors Branch #5
Division of Licensing

Enclosure:
Request for Additional
Information

cc w/enclosure:
See next page

April 16, 1981

cc

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Resident Inspector
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Director, Criteria and Standards
Division
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U. S. Environmental Protection
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U. S. Environmental Protection
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Region II Office
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26 Federal Plaza
New York, New York 10007

REQUEST FOR ADDITIONAL INFORMATION

High Energy Line Breaks Outside Containment (SEP topic III-5.B)

Emergency Condenser Piping on the 75 foot level of the reactor building

1. Provide justification for not proposing barriers, separation, and/or installation of an isolation valve inside containment on the steam supply lines as methods for mitigating the effects of high energy line breaks for this piping.
2. Provide a schedule for submitting analyses to demonstrate that if this piping does fail, "leak before break" would be the expected failure mode.
3. The NRC staff position is that an augmented inservice inspection program must be instituted for those lines that rely on a leakage detection system to detect through wall leakage. Provide a schedule for submitting a proposed inservice inspection program.