



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

JAN 10 1981

Docket No. 50-219
LS05-81-01-022

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

Dear Mr. Finfrock:

SUBJECT: OYSTER CREEK - SEP TOPIC III-4.C, INTERNALLY GENERATED MISSILES
(INSIDE CONTAINMENT)

We are continuing our review of SEP Topic III-4.C, "Internally Generated Missiles (Inside Containment)." You are requested to submit the additional information described in the enclosure within 30 days of your receipt of this letter.

Sincerely,

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

Enclosure:
As stated

cc w/enclosure:
See next page

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DS4 USE EX (SI)

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Mr. I. R. Finfrock, Jr.

OYSTER CREEK NUCLEAR
GENERATING STATION,
UNIT NO. 1
DOCKET NO. 50-219

cc

G. F. Trowbridge, Esquire
Shaw, Pittman, Potts and Trowbridge
1800 M Street, N. W.
Washington, D. C. 20036

GPU Service Corporation
ATTN: Mr. E. G. Wallace
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Natural Resources Defense Council
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Washington, D. C. 20006

Steven P. Russo, Esquire
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Department of Law and Public Safety
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Ocean County Library
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Mayor
Lacey Township
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Commissioner
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Gene Fisher
Bureau Chief
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Plant Superintendent
Oyster Creek Nuclear Generating
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Resident Inspector
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Director, Technical Assessment Div.
Office of Radiation Programs
(AW-459)
U. S. Environmental Protection
Agency
Crystal Mall #2
Arlington, Virginia 20460

U. S. Environmental Protection
Agency
Region II Office
ATTN: EIS COORDINATOR
26 Federal Plaza
New York, New York 10007

ENCLOSURE

OYSTER CREEK NUCLEAR POWER PLANT
REQUEST FOR ADDITIONAL INFORMATION ON
SEP TOPIC III-4.C

III-4.C. Internally Generated Missiles (Inside Containment)

The analysis of internally generated missiles (inside containment) presented in the FDSAR is incomplete. The intent of the following requests is to obtain existing information and analyses. It may be possible to alleviate some of the concerns with a minimum of additional effort (e.g., determination of limiting equipment sizes below which there is not enough energy to generate a credible missile). In such cases, we would like to have this information to be included for our SER; however, these requests do not require you to perform additional analyses.

Provide the following information:

1. Piping layout of the following systems inside containment showing their relative positions from one another and the distance from potential missile sources such as rotating and pressurized equipment inside containment.
 - a. Core Spray System
 - b. Containment Spray System
 - c. Main Steam Lines and Safety Valves
 - d. Emergency Condenser System.
2. The Oyster Creek FDSAR only addresses potential sources of missiles from high pressure equipment. Provide a discussion of how gravity missiles and secondary missiles are considered in the selection of potential missile sources. A concern exists that heavy equipment which may not be supported adequately may degrade systems identified above.
3. Identify tanks and cylinders inside containment which may contain compressed gases such as air, oxygen, chlorine, nitrogen, propane, and hydrogen. If they are present, confirm that they will not become potential missile sources defeating the safety function of the systems identified above.