April 13, 1992

Ducket No. 50-219

Mr. John J. Barton Vice President and Director GPU Nuclear Corporation Oyster Creek Nuclear Generating Station Post Office Box 388 Forked River, New Jersey 08731 Distribution: Docket File NRC & Local PDRs PD I-4 Plant SVarga JCalvo SNorris ADromerick OGC MBanic

ACRS (10) CWHehl, RI

Dear Mr. Barton:

SUBJECT: REQUEST FOR ADDITIONAL INFORMATION -OYSTER CREEK NUCLEAR GENERATING STATION (TAC NO. M82625)

On January 15, 1992, GPU Nuclear Corporation (GPUN), requested temporary relief under Generic Letter 90-05 from an ASME Code Section XI requirement for the repair of Class 3 piping. The piping for which the relief was requested is an underground aluminum pipe in the condensate transfer system. It has a leak ascribed to external pitting corrosion. The staff believes that Generic Letter 90-05 may not completely address aspects of the repair of buried pipe. However, the repair may be found acceptable under 10 CFR 50.55a.

Based on our review of the information provided, the staff has determined that additional information is required for the staff to assess the adequacy of the repair. Besides the flaw evaluation itself, we need information about other factors that affect the overall adequacy of the repair and its suitability for service until a permanent repair is made. The information required is discussed in the enclosure.

The requirements of this letter affect fewer than 10 respondents, and therefore, are not subject to Office of Management and Budget review under P.L. 96-511.

Sincerely,

s/

Alexander W. Dromerick, Sr. Troject Manager Project Directorate 1-4 Division of Reactor Projects - 1/11 Office of Nuclear Reactor Regulation

Enclosure: As stated

920 9DR cc w/enclosure: See next page

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Mr. John J. Barton GPU Nuclear Corporation Oyster Creek Nuclear Generating Station

## CC:

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Licensing Manager Oyster Creek Nuclear Generating Station Mail Stop: Site Emergency Bldg. Post Office Box 388 Forked River, New Jersey 08731 Resident Inspector c/o U.S. Nuclear Regulatory Commission Post Office Box 445 Forked River, New Jersey 08731

Kent Tosch, Chief New Jersey Department of Environmental Protection Bureau of Nuclear Engineering CN 415 Trenton, New Jersey 08625

Enclosure

## REQUEST FOR ADDITIONAL INFORMATION

## DYSTER CREEK NUCLEAR GENERATING STATION

As a result of the NRC staff review regarding GPU Nuclear Corporation's request regarding relief from ASME Section XI requirement to repair a leak in condensate piping, the staff requires the following additional information:

- 1. Flaw description/size
  - a. Date found and circumstances, hole/crack size, eroded area, single/multiple flaw(s), adjacent wall thickness, total area around flaw examined.
  - b. Flaw location on pipe and relation to rest of system (e.g., at the 6 o'clock position of the line 2 feet downstream of....).
  - c. Examination method (UI, visual, etc.).
- 2. Pipe/system description, details
  - a. System operating pressure and temperature.
  - b. Pipe material (ASTM), diameter, schedule, linear material and its thickness.
- Root cause description indicate whether based on previous similar failures, metallurgical exmination, uncertain, etc.)
- 4. Safety significance
  - a. System failure consequences, including the effect on safe shutdown capability.
  - Other interactions, including radiological effects and infiltration of ground water.
- Implications of root cause (other systems potentially affected by the same degrading mechanism).
- Monitoring the condition (describe and discuss provisions to monitor condition of the repaired pipe.
- A full description of the temporary repair, in particular, whether the aluminum is protected from galvanic effects of the stainless steel by the gasketing material.

## 8. Flaw monitoring

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- a. Frequency of leak monitoring.
- b. Frequency of follow-up NDE (include an examination for any degradation to the temporary structural repair, if appropriate).