

May 18, 1994

Docket 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

Dear Mr. Barton:

SUBJECT: TECHNICAL SPECIFICATION CHANGE REQUEST (TSCR) NO. 214 - MAIN STEAM  
LINE (MSL) RADIATION MONITOR(S) REACTOR SCRAM AND MSL ISOLATION  
FUNCTIONS (TAC NO. M89198)

The staff has reviewed your request to eliminate the main steam line radiation monitor reactor SCRAM and main steam line isolation functions and has determined that additional information is required for us to complete our review. The information requested is presented in the enclosure.

The staff requests that you respond within 15 days of receipt of this letter. The short response is necessary for the staff to meet GPU Nuclear Corporation's requested schedule.

This requirement affects one respondent and, therefore, is not subject to Office of Management and Budget review involves P.L. 96-511.

Sincerely,

Original signed by:

Alexander W. Dromerick, Sr. Project Manager  
Project Directorate I-4  
Division of Reactor Projects - I/II  
Office of Nuclear Reactor Regulation

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PDR ADOCK 05000219  
P PDR

Enclosure:  
Request for Additional Information

cc w/enclosure:  
see next page

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NAME:	SNorris	ADromerick:bp	JStolz		
DATE:	5/18/94	5/18/94	5/19/94		

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Alexander W. Dromerick, Sr. Project Manager  
Project Directorate I-4  
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Office of Nuclear Reactor Regulation

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UNITED STATES  
NUCLEAR REGULATORY COMMISSION

WASHINGTON, D.C. 20555-0001

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Sincerely,

A handwritten signature in cursive script, appearing to read "Alexander W. Dromerick, Sr.".

Alexander W. Dromerick, Sr. Project Manager  
Project Directorate I-4  
Division of Reactor Projects - I/II  
Office of Nuclear Reactor Regulation

Enclosure:  
Request for Additional Information

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see next page

Mr. John J. Barton  
Vice President and Director

Oyster Creek Nuclear  
Generating Station

cc:

Ernest L. Blake, Jr., Esquire  
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Forked River, New Jersey 08731

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Bureau of Nuclear Engineering  
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Mayor  
Lacey Township  
818 West Lacey Road  
Forked River, New Jersey 08731

Licensing Manager  
Oyster Creek Nuclear Generating Station  
Mail Stop: Site Emergency Bldg.  
Post Office Box 388  
Forked River, New Jersey 08731

GPU NUCLEAR CORPORATION

OYSTER CREEK NUCLEAR GENERATING STATION

DOCKET NO. 50-219

REQUEST FOR ADDITIONAL INFORMATION REGARDING

TSCR NO. 214 - MAIN STEAM LINE (MSL) RADIATION MONITOR(S)

REACTOR SCRAM AND MSL ISOLATION FUNCTIONS

- 450.1 Technical Specification change request No. 214 states that "In Topical Report NEDO-31400A, General Electric shows the occurrence of a control rod drive accident (CRDA) with the main steam line (MSL) high radiation isolation removed, results in off-site radiological exposures that are small fractions of 10 CFR Part 100 limits. Furthermore, the assumptions in NEDO-31400A are bounding for OCNGS because the dose rates resulting from the CRDA for OCNGS, with the elimination of the scram and MSIV isolation functions, are smaller fractions of the 10 CFR Part 100 limits."
- 450.2 The NRC accepted by letter dated May 15, 1991, from A. Thadani, Director of Systems Technology, Office of Nuclear Reactor Regulation, the reference of the General Electric Topical Report NEDO-31400A "Safety Evaluation for Eliminating The Boiling Water Reactor Main Steam Isolation Valve Closure Function and Scram Function of the main Steam Line Radiation Monitor," issued October, 1992. However, the letter stated that the following three conditions must be met.
1. The applicant demonstrates that the assumptions with regard to input values (including power per assembly,  $\text{Chi}/\text{Q}$ , and decay times) that are made in the generic analysis bound those for the plant.
  2. The applicant includes sufficient evident, (e.g., implemented or proposed operating procedures or equivalent commitment), to provide reasonable assurance that increased significant levels of radioactivity in the main steam lines will be controlled expeditiously to limit both occupational doses and environmental releases.
  3. The applicant standardizes the MSLRM and off-gas radiation monitor alarm set point at 1.5 times the nominal nitrogen-16 background dose rate at the monitor locations and commits to promptly sample the reactor coolant to determine possible contamination levels in the reactor coolant and the need for additional corrective actions, if the MSLRM or off-gas radiation monitors or both exceed their alarm setpoints.

It appears that your ABS addresses condition 1; however, it is not obvious that conditions 2 and 3 are addressed. Specifically describe how conditions 2 and 3 above are to be met.