

November 23, 1993

Dr. Robert L. Long
Director, Corporate Services/
Director, TMI-2
GPU Nuclear Corporation
P.O. Box 480
Middletown, Pennsylvania 17057-0191

Dear Dr. Long:

SUBJECT: THREE MILE ISLAND CORK SEAM (TAC NO. M69115 - REQUEST FOR ADDITIONAL INFORMATION)

The staff has reviewed GPU Nuclear Corporation (GPUN) letter (C312-93-2074) dated November 12, 1993. The letter provides preliminary information regarding the Three Mile Island Unit 2 (TMI-2) cork seam that was contaminated as a result of the March 28, 1979 accident. The staff has identified the need for additional information, particularly with regard to GPUN activities to accurately characterize the contamination. Also, the staff needs details on the plans for removing the contaminated water and eliminating future water intrusion into the TMI-2 buildings that contain the contaminated cork seam. The enclosure contains the specific request for information.

The staff requests a response to our request for additional information by December 10, 1993, so as to not adversely impact the schedule for the approval for the Post Defueling Monitored Storage License Amendment.

This request affects nine or fewer respondents and, therefore, is not subject to Office of Management and Budget review under Public Law 96-511. If you have any questions regarding this review, please contact me at (301) 504-1191.

Sincerely,

Original signed by:
Michael T. Masnik, Senior Project Manager
Non-Power Reactors and Decommissioning
Project Directorate
Division of Operating Reactor Support
Office of Nuclear Reactor Regulation

Enclosure:
Request for Additional
Information on the
Cork Seam.

cc w/enclosure:
See next page

DISTRIBUTION:

Docket File 50-320
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BGrimes
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EHylton
MMasnik
OGC (15-B-18)
CRS (10) (P-315)
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JAustin (5-E-4)

*See previous concurrence

ONDD:LA*
EHylton
11/23/93

ONDD:PM*
MMasnik:dmj
11/23/93

ONDD:(A)SC*
JSharkey
11/23/93

ONDD:(A)D*
RDudley
11/23/93

Handwritten initials/signature



UNITED STATES
NUCLEAR REGULATORY COMMISSION

WASHINGTON, D.C. 20555-0001

November 23, 1993

Docket No. 50-320

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Director, Corporate Services/
Director, TMI-2
GPU Nuclear Corporation
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Sincerely,

A handwritten signature in cursive script, appearing to read "Michael T. Masnik".

Michael T. Masnik, Senior Project Manager
Non-Power Reactors and Decommissioning
Project Directorate
Division of Operating Reactor Support
Office of Nuclear Reactor Regulation

Enclosure:
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cc w/enclosure:
See next page

REQUEST FOR ADDITIONAL INFORMATION

CORK SEAM CONTAMINATION

1. Will the licensee commit to updating the appropriate section of the Post Defueling Monitored Storage (PDMS) Safety Evaluation Report (SER) with the cork seam information in the next PDMS SER revision? Provide a short description of the type of information that will be included in the revision.
2. Provide a description of actions that have been taken or are being taken to prevent further inleakage into the cork seam. For each action provide an estimated completion date.
3. Provide an estimate of the amount of water and radioactive contamination in the cork seam.
4. Describe plans for removing the radioactively contaminated water from the cork seam. Include an estimated completion date.
5. Describe your monitoring program to monitor water level and contamination containment in the cork seam once the facility enters PDMS.

Dr. R. L. Long
GPU Nuclear Corporation Unit No. 2

Three Mile Island Nuclear Station
Docket No. 50-320

cc:

Regional Administrator, Region I
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