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July 14, 1986

TMI-2 Cleanup Project Directorate
Attn: Dr. W. D. Travers
Director
US Nuclear Regulatory Commission
c/o Three Mile Island Nuclear Station
Middletown, PA 17057

Dear Dr. Travers:

Three Mile Island Nuclear Station, Unit 2 (TMI-2)
Operating License No. DPR-73
Docket No. 50-320
Auxiliary and Fuel Handling Building Decontamination Schedule

In response to your letter dated March 7, 1984, the following is the status of Auxiliary and Fuel Handling Building Decontamination for the Second Quarter of 1986. This update only addresses those areas where Technical Specification Surveillances are not being performed due to ALARA considerations.

Make-up Filter Cubicle

ALARA exemption is being taken for Technical Specification Surveillance 4210-SUR-3775.02 (4331-R3), "Fire Barrier Penetration Fire Seal Inspection."

The radiation dose rate for the general area is 800 mR/hr with hot spots up to 1.25 R/hr.

Fuel characterization of this cubicle, scheduled during the second quarter of 1986, was pre-empted by higher-priority work in the Reactor Building. It is presently scheduled to be accomplished in July 1986. Engineering documentation for system flushing is in-place and the corresponding Unit Work Instruction (UWI) documentation is being generated. The schedule for system flushing is currently under evaluation.

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Seal Injection Cubicle

ALARA exemption is currently being taken for Technical Specification Surveillance 4210-SUR-3244.01 (4301-M8), "Containment Integrity Verification."

A radiological evaluation of this cubicle, using robotic equipment, was completed during the second quarter of 1986. General area dose rates range from 1 R/hr - 56 R/hr with hot spots of 100 R/hr - 355 R/hr.

Miscellaneous trash and lead shielding from drains were removed from the cubicle. Misting and gross flushing operations were initiated and will continue into the third quarter of 1986. Training, in preparation for the removal of radioactive equipment and materials remaining in the cubicle, is currently in progress. Engineering software is in place for the flushing of the Make-up and Purification System. The schedule for system flushing is currently under evaluation.

Make-up Pump Suction and Discharge Valve Alley

ALARA exemption is being taken for Technical Specification Surveillance 4210-SUR-3775.02 (4331-R3) and 4210-SUR-3775.01 (4331-A1), "Fire Barrier Penetration Fire Seal Inspections."

General area radiation dose rates for this cubicle range from 2 - 55 mR/hr in the suction alley to 1.5 - 5 R/hr in the discharge alley.

The mitigation of system hot spots, which continue to impede personnel entry, depends on system flushing activities and block orifice removal. Engineering for the installation of flushing hardware is in progress and is expected to be completed in July 1986. Removal of the block orifice is scheduled to begin at the end of the third quarter of 1986.

305' Elevation Make-up Valve Alley

ALARA exemption is being taken for Technical Specification Surveillance 4210-SUR-3775.02 (4331-R3), "Fire Penetration Fire Seal Inspection."

The general area radiological dose rate is approximately 400 mR/hr. A few hot spots, averaging - 3 R/hr, remain in the piping and related components. A hot spot of 20 R/hr exists at the floor drain.

Engineering documentation for flushing systems affecting this cubicle has been completed. Preparation of the UWI's associated with the system flushing is in progress and is expected to be completed during the third quarter of 1986. The schedule for system flushing is currently under evaluation.

Sincerely,



F. R. Standerfer

Vice President/Director, TMI-2