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April 15, 1985

TMI Program Office
Attn: Dr. B. J. Snyder
Program Director
US Nuclear Regulatory Commission
Washington, DC 20555

Dear Dr. Snyder:

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 accordance with your letter dated March 7, 1984, the following is the status of the Auxiliary and Fuel Handling Building Decontamination Schedule for the first quarter of 1985. This update lists only those areas where Technical Specification Surveillances are not being performed due to ALARA considerations.

Make-up Pump Suction and Discharge Valve Alley

ALARA exemption is being taken for Technical Specification Surveillances 4331-R3 and 4331-A1, "Fire Barrier Penetration Fire Seal Inspections."

During the past quarter, the cubicle was flushed with water and a beta source shield was installed around valve MU-V-155.

Hot spots of approximately 5 R/hr exist in this cubicle. General area beta radiation levels of up to 70 rad/hr also exist. Therefore, additional decontamination using the Kelly Vacuum System is scheduled for this quarter.

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Make-up Filter Cubicle

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

During the past quarter, this cubicle housed portions of the make-up and purification cesium elution process. The purpose of the process was to decrease the activity of the Make-up and Purification Demineralizer resins.

Radiation levels in this cubicle still remain high, i.e., 2-4 R/hr. Following removal of the elution equipment, additional flushing will be performed to further reduce radiological dose rates.

Seal Injection Cubicle

ALARA exemption is currently being taken for Technical Specification Surveillance 4301-M8, "Containment Integrity Verification."

During the past quarter, a visual inspection and radiation characterization of the cubicle were performed.

The gamma radiation dose rate for the general area is 25 R/hr with hot spots up to 110 R/hr. General area beta radiation levels are as high as 250 rad/hr. Therefore, remote techniques, e.g., robotics and long-reach tools, are being evaluated for use in decontaminating this cubicle.

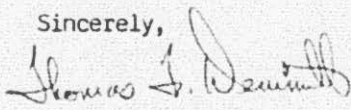
305' Elevation Make-up Valve Alley

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

During the past quarter, a flush and survey were performed.

The radiological dose rate of the general area has been reduced to approximately 400 mr/hr with a few hot spots remaining, i.e., 2-3 R/hr. Additional decontamination will be performed in this cubicle and the accessibility of this cubicle for performing the Technical Specification Surveillance will be reassessed.

Sincerely,


for F. R. Standerfer
Vice President/Director, TMI-2

FRS/RDW/eml

cc: Deputy Program Director - TMI Program Office, Dr. W. D. Travers