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July 14, 1987

US Nuclear Regulatory Commission
Attn: Document Control Desk
Washington, DC 20555

Dear Sirs:

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

In response to the NRC letter dated March 7, 1984, the following is the status of Auxiliary and Fuel Handling Building Decontamination for the Second Quarter of 1987. This update addresses only those areas where Technical Specification Surveillances are not being performed due to ALARA considerations.

Make-up Filter Cubicle (AX117)

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

Recent radiological surveys show general area dose rates of 600 to 3000 mrem/hr, with contact readings as high as 5.5 Rem/hr.

The status of this cubicle is essentially unchanged with flushing of the Make-up and Purification System (MU&P) in progress. Anticipated future evolutions of this task will require the use of system filters located in this cubicle. Radiological conditions can be expected to remain variable until system flushing is completed. Major reductions in radiation readings will not occur until both flushing and gross decontamination are complete.

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July 14, 1987
4410-87-L-0107Seal Injection Cubicle (AX004)

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

General area dose rates in the cubicle proper range from 1 R/hr - 56 R/hr, with contact readings as high as 140 R/hr.

Floor scabbling progressed slowly during this quarter, primarily due to delays caused by airborne contamination problems. These problems have been resolved and progress is expected to resume soon. The surface decontamination program is expected to extend through the Fourth Quarter of 1987.

Make-up Pump Suction (FH001) and Discharge Valve Alley (FH003 a & b)

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."

The general area dose rates for the Make-up Pump Suction Alley (FH001) range from 25 - 100 mR/hr, with hot spots up to 1.4 R/hr. For the Discharge Valve Alley, the general area dose rates in FH003a range from 50-600 mR/hr with hot spots of 3 R/hr. In FH003b, general area dose rates are 20-2000 mR/hr with hot spots of 30 R/hr.

MU&P system flushing operations continued during the past quarter. Radiation levels continue to be influenced by MU&P system flushing and by surface contamination levels. Scabbling has been completed in FH003a, and is in progress in FH003b. Scabbling in FH001 will follow, with completion scheduled during for the Third Quarter of 1987.

Sincerely,



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

FRS/CJD/eml

cc: Regional Administrator, Region 1 - W. T. Russell
Director, TMI-2 Cleanup Project Directorate - Dr. W. D. Travers