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2009

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 Third 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 general area dose rate is 800 mR/hr, with hot spots up to 1.25 R/hr.

Fuel characterization of this cubicle via gamma spectrometry was completed last quarter; however, the results were inconclusive. Additional fuel characterization efforts will be undertaken during the fourth quarter of 1986, and will be integrated with the flushing program for Make-up System components. After system flushing, decontamination of external surfaces (scabbling, steam cleaning, etc.) will begin.

Seal Injection Cubicle

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

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General area dose rates range from 1 R/hr - 56 R/hr, with hot spots of 100 R/hr - 355 R/hr.

Gross flushing operations continued intermittently during the past quarter, and are expected to continue during the fourth quarter of 1986. Temporary shielding was fabricated and installed along the left corridor wall and across the end of the corridor to reduce worker exposure during limited manned entries. Preparations are underway to begin scabbling floor surfaces in the corridor portion of the cubicle during the fourth quarter of 1986. The development of remote equipment for decontamination work in the remainder of the room is also continuing.

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 dose rates are approximately 300-350 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.

The block orifice and its associated piping were removed during the last quarter. A spool piece to facilitate flushing of contaminated pipe systems was installed in place of the block orifice. System flushing is expected to commence during the fourth quarter of 1986. Following system flushing, decontamination of external surfaces will be undertaken.

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."

The general area dose rates for the suction alley range from 2 - 55 mR/hr, with hot spots of 1.5-12 R/hr. For the discharge alley, the general area dose rate ranges from 300-600 mR/hr, with hot spots of 5-10 R/hr.

The installation of the spool piece in the Make-up Valve Alley has provided a system flowpath access point which will permit flushing of contaminated pipe systems in the Make-up Pump Suction and Discharge Valve Alley. System flushing will commence in the fourth quarter of 1986; and will be followed by external surface decontamination.

Sincerely,

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

FRS/CJD/eml