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October 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 third quarter of 1985. This update lists only those areas where Technical Specification Surveillances are not being performed due to ALARA considerations.

The emphasis of recent decontamination has been directed to support activities related to the defueling effort. Decontamination efforts in the areas listed below have been held to a minimum as previously discussed with members of your staff.

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".

During this past quarter, this cubicle remained inaccessible due to the housed portions of the Make-up and Purification Cesium Elution Process. The radiation dose rate for the general area is 200 mr/hr with hot spots up to 1.25 R/hr.

Removal of the elution equipment has been approved, but is currently on hold pending an Radiological Engineering review.

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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".

During the past quarter, no additional decontamination activities were performed in this cubicle due to the high radiation levels. The gamma radiation dose rate for the general area is 25 R/hr with hot spots up to 110 R/hr.

Decontamination efforts are still in the planning stage. GPU Nuclear is continuing to develop remote techniques for decontaminating this cubicle. Additionally, a cubicle ventilation system has been designed to enhance the accessibility of this cubicle.

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 100 mR/hr in the suction alley to 1.5 - 5 R/hr in the discharge alley.

No decontamination activities were performed in this cubicle during the past quarter. As a prerequisite to eventual pipe flushing, a fuel characterization will be performed in this cubicle during this coming quarter.

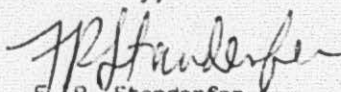
305' Elevation Make-up Valve Alley

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

The general area radiological dose rate is approximately 400 mR/hr. A few hot spots, which average 2-3 R/hr remain in the piping and related components along with a hot spot of 20 R/hr at the floor drain.

An engineering evaluation for internally flushing the piping is being performed. This flushing is planned to be performed once the Make-up Filter Cubicle is accessible.

Sincerely,



F. R. Standerfer

Vice President/Director, TMI-2

FRS/CJD/eml

Attachment

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