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July 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 second quarter of 1985. This update lists only 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".

During the past quarter, this cubicle remained inaccessible due to the housed portions of the Make-up and Purification Cesium Elution Process.

Radiation levels in the cubicle still remain high, i.e., 2-4 R/hr. Removal of the elution equipment is currently in the planning stage. Once the elution equipment is removed, additional flushing will be performed to further reduce radiological dose rates.

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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.

GPU Nuclear is continuing to evaluate the use of remote techniques for decontaminating this cubicle. Additionally, GPU Nuclear is evaluating the possibility of augmenting the cubicle's ventilation system which will enhance the accessibility of this cubicle.

Make-up Pump Suction and Discharge Valve Alley

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

During the past quarter, additional decontamination flushes were performed in the cubicle. During a hot water flush of MU-V-155, which is a beta source, packing deterioration and leakage was observed.

General area radiation levels in this cubicle range from 150-200 mR/hr in the suction alley to 1-2 R/hr in the discharge alley.

No further decontamination activities in this cubicle are scheduled for this quarter. An engineering evaluation of draining the Make-up and Purification System will be performed during this quarter. Draining of the above referenced system will reduce the source term contaminant.

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".

During the past quarter, gross decontamination of the cubicle was completed. 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.

B. J. Snyder

-3-

July 15, 1985
4410-85-L-0149

The piping will have to be internally flushed to reduce the current levels. The flushing can only be accomplished once the Make-up Filter Cubicle is accessible.

The accessibility of the 305' Elevation Make-up Valve Alley is being accessed to determine whether the performance of the Technical Specification Surveillance would be appropriate and consistent with ALARA.

Sincerely,



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

FRS/CJD/eml

Attachment

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