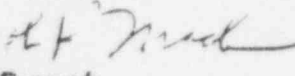


REGIONAL TECHNICAL ASSISTANCE REQUEST FORM

Date: 7/1/96

Mail or E-Mail to: Donald A. Cool, Director  
Division of Industrial and Medical Nuclear Safety, NMSS

From: John R. Madera, Chief   
Nuclear Materials Licensing Branch

Licensee: Adv. Medical Systems License No. 34-19089-01

- ☐ Control No. 01524
- ☐ Letter dated: 6/25/96
- ☐ Suggested change in licensing procedure (enclosed):
- ☐ Problem/Issue: AMS is requesting the NRC authorize it to freely discharge water pumped from the foundation drainage system through the new manhole.
- ☐ Action Required: Please review AMS' proposal and provide feedback/comments.
- ☐ Recommended Action (with revisions): ☒ Approve or ☐ Reject

AMS provides solid justification for their request. Region III has no reason to believe that water which accumulates in the foundation drainage system would become contaminated. However, one issue remains that may have a bearing on NRC's decision, and that is the sampling program AMS employed to evaluate the soil under the basement floor. We were concerned that the three samples taken by AMS were not representative of the condition of the soil under the floor. This is currently under review by Mr. Jack Parrott of your office. If NRC is satisfied with the 3 samples then Region III feels that the licensee should be allowed to free release water that collects in the underdrain system. As the licensee points out, if they will continue to be required to pump water to tanks and hold for sampling and approval for release, the risk of contaminated water in the basement due to flooding will always be present. Finally, AMS has committed to implementing a program for sampling surface water that enters the underdrain system. Samples will be collected from the new manhole on a weekly basis and analyzed for Co-60 at AMS using AMS' equipment. [Note: NMSS is currently reviewing AMS' counting procedures]. If they detect any Co-60 above of the stated limits as noted on page 7 of their attachment, they will reinstate the "tanking" procedures.

Remarks:

Headquarters Reviewer: \_\_\_\_\_

Regional Reviewer: Kevin Null

Reviewer Code: R2

Reviewer Phone No.: (708) 829-9854 Fax No.: ( ) \_\_\_\_\_

Request Needed by: \_\_/\_\_/\_\_ (date)

Form TAR-10

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