

MEMORANDUM TO: John R. Madera, Chief
Nuclear Materials
Licensing Section, Region III

June 6, 1995

FROM: Frederick C. Combs, Chief
Operations Branch
Division of Industrial and
Medical Nuclear Safety, NMSS

SUBJECT: TECHNICAL ASSISTANCE REQUEST DATED APRIL 7, 1995, ADVANCED
MEDICAL SYSTEMS, INC.

This is in response to your technical assistance request (TAR) dated April 7, 1995, regarding an amendment request from Advanced Medical Systems, Inc. (AMS). In the TAR, you requested assistance in responding to two requests by AMS, installation and operation of a water sampling device in a new sanitary sewer manhole/lateral system and reconnection of the facility underdrain system to the new manhole/lateral.

Based on our review of the license amendment request, we have no objection to AMS installing the sampling system in the new lateral connection between the AMS facility and the NEORSD's London Road Interceptor. However, AMS should be informed that the analysis of this sample may not be used to show compliance with 10 CFR 20.2003 since samples will be taken after the release has taken place. It may however, be used to confirm results of analysis that are performed prior to release.

With regards to the second issue, AMS has requested authorization to reconnect the new foundation underdrain system to the new manhole and lateral after 3000 gallons of "clean" water has passed through the underdrain system. We are not confident that this volume of water will conclusively show that future discharges to the sanitary sewer system will meet the Part 20 limits. We are concerned that contamination may migrate from areas outside of the area that is being decontaminated as part of the installation of the new underdrain system. Authorization to reconnect the underdrain system to the new manhole and lateral is contingent on the licensee successfully demonstrating that the soil under the building and in the area surrounding the new underdrain system does not contain residual radioactive material contamination that could enter into the system in excess of NRC criteria.

CONTACT: Cathy Haney, IMNS
415-7844

DISTRIBUTION:

NRC Central File
NMSS r/f
RShewmaker, NMSS

IMOB r/f
MStein, OGC
WSlawinski, RIII

IMNS r/f
MZobler, OGC

DOCUMENT NAME: Gamstar.cvh

To receive a copy of this document, indicate in the box: "C" = Copy without attachment/encl.
"E" = Copy with attachment/encl. "N" = No copy *See Previous Concurrence

OFC	IMOB	IMOB	IMNS	IMNS
NAME	CHaney/Ch/11	FCombs	EWBrach	DCool
DATE	6/2/95	6/2/95	6/ /95	6/5/95

OFFICIAL RECORD COPY

95 06230297 XA 2pp

H/6

DISTRIBUTION:

NRC Central File

NMSS r/f

RShewmaker, NMSS

IMOB r/f w/incoming

IMOB/TAR File w/incoming

IMNS r/f

MStein, OGC

WSlawinski, RIII

IMNS r/f

IMAB r/f w/incoming

MZobler, OGC

E-Mail only

FCostello, RI

MShanbacky, RI

WPasciak, RI

CHosey, RII

JMadera, RIII

BSpitzberg, RIV

BPrange, WCFO

JLieberman, OE

JMcGrath, RI

JKinneman, RI

JPelchat, RII

JPotter, RII

BJHolt, RIII

LHowell, RIV

JDeMedico, OE

JGrobe, RIII

Hard copy & E-mail

RBellamy, RI

DCollins, RII

SCollins, RIV

FWenslawski, WCFO

PLOhaus, OSP

DOCUMENT NAME: G:amstar.cxx

To receive a copy of this document, indicate in the box: "C" = Copy without attachment/encl.
 "E" = Copy with attachment/encl "N" = No copy *See Previous Concurrence

OFC	IMOB		IMOB		IMNS		IMNS	
NAME	CHaney/ch/11		FCombs		EWBrach		DCool	
DATE	6/02/95		6/02/95		6/11/95		6/05/95	

OFFICIAL RECORD COPY