

May 20, 1996

Robert Meschter  
Radiation Safety Officer  
Advanced Medical Systems, Inc.  
1020 London Road  
Cleveland, OH 44110

Dear Mr. Meschter:

This is to confirm the telephone conversation between you and Mr. Michael Weber of my staff, on May 13, 1996. During that conversation, we indicated, based on the results of your contract laboratory's analysis of filtered water samples from Tank 695, as well as NRC's analysis of filtered water samples from the same tank, that it did not appear that discharge of Tank 695 would be in violation of 10 CFR 20.2003. The results from NRC's analysis are enclosed.

Sincerely,

Original signed by

Geoffrey C. Wright, Acting Deputy Director  
Division of Nuclear Materials Safety

Docket No. 030-16055  
License No. 34-19089-01

Enclosure: As stated

See Attached Distribution

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# ATTACHMENT

## RESULTS OF NRC'S ANALYSIS OF FILTERS FROM TANK 695

AMS Tank Number	Filter Number	Tank Location	Activity (pCi)	MDA (pCi)	Count Time (hours)
695	1	top	< MDA	1.6	13.6
695	2	top	< MDA	1.6	16.2
695	3	middle	< MDA	2.4	8.3
695	4	middle	< MDA	1.6	15.1
695	5	bottom	< MDA	2.0	11.6
695	6	bottom	< MDA	1.9	12.4

NOTES: (1) MDA stands for minimum detectable activity.

May 21, 1996

Robert Meschter  
Radiation Safety Officer  
Advanced Medical Systems, Inc.  
1020 London Road  
Cleveland, OH 44110

Dear Mr. Meschter:

This refers to the routine safety inspection conducted by Messrs. John Madera and Michael Weber of this office on April 29 and 30, 1996, of activities authorized by NRC Byproduct Material License No. 34-19089-01, and to the discussion of our findings with you and Mr. David Cesar at the conclusion of the inspection.

The inspection was an examination of activities conducted under your license as they relate to radiation safety and to compliance with the Commission's rules and regulations and with the conditions of your license. The inspection consisted of a selective examination of procedures and representative records, observations, independent measurements, and interviews with personnel.

During this inspection, certain of your activities were found to be in violation of NRC requirements, as specified in the enclosed Notice. A written response is required.

In accordance with 10 CFR 2.790 of the Commission's regulations, a copy of this letter, the enclosure, and your response to this letter will be placed in the NRC Public Document Room.

The response directed by this letter and the accompanying Notice are not subject to the clearance procedures of the Office of Management and Budget as required by the Paperwork Reduction Act of 1980, PL 96-511.

We will gladly discuss any questions you have concerning this inspection.

Sincerely,

Original Signed By  
J. R. Madera, Chief  
Nuclear Materials Licensing Branch

License No.: 34-19089-01  
Docket No.: 030-16055

Enclosure: Notice of Violation

bcc w/encl: PUBLIC

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NOTICE OF VIOLATION

Advanced Medical Systems, Inc.  
Cleveland, Ohio

License No. 34-19089-01  
Docket No. 030-16055

During an NRC inspection conducted on April 29 and 30, 1996, a violation of NRC requirements was identified. In accordance with the "General Statement of Policy and Procedure for NRC Enforcement Actions," 10 CFR Part 2, Appendix C, the violation is listed below:

Condition 23 of License No. 34-19089-01 requires that licensed material be possessed and used in accordance with statements, representations and procedures contained in a letter dated March 27, 1991, and other referenced documents.

Attachment 3 to the letter dated March 27, 1991 contains the "AMS Bioassay Program." Item H of the AMS Bioassay Program requires, in part, that workers are to be bioassayed annually.

Contrary to the above, since October 24, 1994, a worker has not been bioassayed annually.

This is a Severity Level IV violation (Supplement VI).

Pursuant to the provisions of 10 CFR 2.201, Advanced Medical Systems, Inc. is hereby required to submit a written statement or explanation to the U.S. Nuclear Regulatory Commission, Region III, 801 Warrenville Road, Lisle, Illinois 60532-4351, within 30 days of the date of the letter transmitting this Notice of Violation (Notice). This reply should be clearly marked as a "Reply to a Notice of Violation" and should include for each violation: (1) the reason for the violation, or, if contested, the basis for disputing the violation, (2) the corrective steps that have been taken and the results achieved, (3) the corrective steps that will be taken to avoid further violations, and (4) the date when full compliance will be achieved. If an adequate reply is not received within the time specified in this Notice, an order or a Demand for Information may be issued as to why the license should not be modified, suspended, or revoked, or why such other action as may be proper should not be taken. Where good cause is shown, consideration will be given to extending the response time.

Dated at Lisle, Illinois  
this 21st day of May 1996