



Northeast Ohio Regional Sewer District

3826 Euclid Avenue • Cleveland, Ohio 44115-2504

216 • 881 • 6600

FAX: 216 • 881 • 9709

October 11, 1994

Mr. William Axelson
United States Nuclear Regulatory Commission
Region III
801 Warrensville Road
Lisle, Illinois 60532-4351

Re: AMS CO-60 Discharge

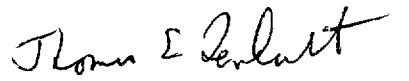
Dear Mr. Axelson:

As reported to you by telephone on October 7, 1994, the sample taken on July 5, 1994 by the Northeast Ohio Regional Sewer District from the Advanced Medical Systems sewer outfall at 1020 London Road contained Cobalt-60. I have enclosed a copy of the sample results from Nuclear Environmental Laboratories for your information. It is our understanding that this sample result is very similar to the result the Nuclear Regulatory Commission obtained on August 17, 1994 from the same location.

Based on the two sample results described above, numerous representations by NRC officials that this licensee is no longer permitted to discharge Cobalt-60, and numerous representations by NRC officials that the Cobalt-60 possessed by Advanced Medical Systems is not soluble and therefore its discharge into the sewers is prohibited by 10 CFR 20.2003, the Northeast Ohio Regional Sewer District will request, pursuant to 10 CFR 2.206, that the NRC commence an enforcement action against the Advanced Medical Systems.

Please call me at (216) 881-6600 if you wish to discuss the enclosed results.

Sincerely,


Thomas E. Lenhart
Assistant General Counsel

TEL/ydm

Enclosure

OCT 14 1994

NUCLEAR ENVIRONMENTAL LABORATORIES

P. O. BOX 11165

LYNCHBURG, VIRGINIA 24508-1165

LEVEL 1 RADIOCHEMISTRY DATA REPORT
MULTIPLE SAMPLES OR MULTIPLE ANALYTES

Report Date: October 7, 1994	Report No.: 9409057	NEL Contract No.: 431-1159-00	COC No.: 006298
Customer: B-KOH and ASSOC.		Customer Site: CLEVE. OH	Customer SDG No.: NA
Customer Representative: TED ADAMS		Customer Authorization No.: PENDING	
Sample Description: 3 SEDIMENTS, 1 WATER			
No. of Samples: 4	Sample Receipt Date: September 15, 1994	Reference Date: July 5, 1994	

Customer's Sample ID	NEL's Sample No.	Analytical Method	Analyte	Results	Units	Uncertainty	Units
Water	9409057-01	Gamma Spec	Co-60	2.91 E-08	uCi/ml	4.01 E-09	uCi/ml
Sediment #1	9409057-02	Gamma Spec	Co-60	1.24 E-01	uCi/g	3.18 E-04	uCi/g
Sediment #2	9409057-03	Gamma Spec	Co-60	1.82 E-01	uCi/g	3.55 E-04	uCi/g
Sediment #3	9409057-04	Gamma Spec	Co-60	8.43 E-02	uCi/g	3.45 E-04	uCi/g

Data Reviewed By: <i>Harold Koller</i>	Date: 10/7/94
Data Approved By: <i>[Signature]</i>	Date: 10/7/94

OCT 10 1994 09:31AM B. KOH & ASSOCIATES NEL-LTC P.2/20 003/003