

Advanced Medical Systems, Inc.

121 North Eagle Street • Geneva, Ohio 44041
(216) 466-4671 FAX (216) 466-0186

May 19, 1995

Mr. Wayne Slawinski
U. S. Nuclear Regulatory Commission
Region III
801 Warrenville Road
Lisle, Illinois 60532-9820

Dear Mr. Slawinski:

Enclosed please find our License Amendment Fee check in the amount of \$680.00 for our License Amendment No. 34.

If you have any questions, please contact me.

Sincerely,



DAVID CESAR
Treasurer

DC/cs
Enclosure

3/155
RECEIVED
MAY 22 1995
REGION III

ADVANCED MEDICAL SYSTEMS, INC. 121 NORTH EAGLE ST GENEVA, OHIO 44041

STUB NO

OUR REF. NO.	YOUR INV. NO.	INV. DATE	INVOICE AMOUNT	AMOUNT PAID	DISCOUNT TAKEN	NET CHECK AMOUNT
LIC AMEND	34	5/19/95	680.00	680.00	0.00	680.00

CONTROL NO.	CHECK DATE
28504	5/19/95

BANK ONE, CLEVELAND, NA
Cleveland, Ohio

ADVANCED MEDICAL SYSTEMS, INC.
121 NORTH EAGLE ST
GENEVA, OHIO 44041

CHECK NO 028504

6-1543
410

CHECK AMOUNT
****680.00

PAY
TO THE
ORDER OF U.S. NUCLEAR REGULATORY COMMISSION

TWO SIGNATURES REQUIRED IF AMOUNT IS OVER \$5,000.00

[Signature]

⑈028504⑈ ⑆041015436⑆ 801077672⑈

OFFICE OF NUCLEAR MATERIAL SAFETY AND SAFEGUARDS
DIVISION OF INDUSTRIAL AND MEDICAL NUCLEAR SAFETY

TO
John Madera

LOCATION

1. _____
FAX # () _____ VERIFICATION () _____

2. _____
FAX # () _____ VERIFICATION () _____

3. _____
FAX # () _____ VERIFICATION () _____

4. _____
FAX # () _____ VERIFICATION () _____

COMMENTS.

OK to send comments
by e-mail

COVER SHEET PLUS 4 PAGES

FROM:

PHONE:
FAX:

(301) 415-5369

B/157

RECENT ISSUES AT ADVANCED MEDICAL SYSTEMS, INC.

BACKGROUND:

- AMS licensed to receive and possess kilocurie quantities sealed source; possess kilocuries of unsealed cobalt-60 pursuant to transfer; no longer authorized to manufacture sources since 1991
- Northeast Ohio Regional Sewer District (NEORS D) issued several petitions in relation to AMS and cobalt-60 found in 1991 at its Southerly Treatment Plant
- NEORS D required to remediate cobalt-60 at Southerly Plant; refused to accept cobalt-60 or sewer discharge from AMS
- Sewer disconnect in October 1994 resulted in accumulation of contaminated water in lateral, manhole, groundwater drains, and basement of AMS facility
- Groundwater accumulation caused hydrostatic pressure buildup on facility; building integrity a concern, being monitored daily
- AMS license renewal received in November 1994, included request to process water

RECENT ISSUES AT ADVANCED MEDICAL SYSTEMS, INC.(Cont.)

RECENT ISSUES:

- **Resolving facility water issues**
 - **Contracted processing of basement water commenced April 1995**
 - ~~Problems encountered in processing water being addressed by contractor~~
 - **Storage of processed water in large bladders; eventually evaporate it**
 - **Remediate city sewer interceptor and install new manhole/lateral system**
- **Structural integrity assessment and inventory reduction**
 - **Re-assessment of facility after water processing complete in June 1995**
 - **70,000 curies of cobalt-60 in sealed sources and containerized metal pellets onsite; inventory reduction in license renewal, completion in 12 months**
 - **Contract to mill out stuck floor plug in hot cell, post water processing**
- **Contingency plan if AMS abandons facility**
 - **Order licensee to take responsibility for actions**
 - **Verify facility safety**
 - **Maintain ADT security, ventilation, monitoring systems, contractor control of basement water processing**

**RECENT ISSUES AT
ADVANCED MEDICAL SYSTEMS, INC.(Cont.)**

RECENT ISSUES: (Cont.)

- Contingency plan if AMS abandons facility (con't)
 - Order payment of decommissioning funds into standby trust
 - Review, approve, and monitor decommissioning plans and funds
- License review and renewal
 - Review of renewal application and responses to deficiency letters
 - Emergency Response Plan required; offsite response agencies review required
 - Review of decommissioning plan, financial instruments, and cost estimates
- Conduct license renewal hearing - 10 CFR Part 2 Subpart L
 - Subpart L hearing granted to Cleveland and NEORSD; ~~Newburgh Heights~~ and
County Local Emergency Planning Commission (LEPC) participation permitted
 - Hearing file filed April 12, 1995
 - Presiding Officer established, date of hearing not established yet

RECENT ISSUES AT ADVANCED MEDICAL SYSTEMS, INC.(Cont.)

RECENT ISSUES: (Cont.)

- **NEORSD status**
 - June 30, 1994 site characterization report of Southerly Plant; February 1995, NEORSD responses to characterization report
 - NEORSD expected to propose decay-in-storage approach, ~~with radiological safety controls over storage period~~
 - Final survey needed if site to be released for unrestricted use, ~~verify by NRC perform confirmatory survey, if needed~~
 - March 1995, NRC requested radiological safety controls for subsurface contamination at Easterly Plant
 - Last NRC visit to Easterly, Southerly in November 1994; site visits expected on five year frequency
- **NEORSD Petitions**
 - 2.206 - AMS to assume cleanup cost and decontaminate sewer line
 - 2.206 - AMS to operate radiation alarm on all drains
 - 2.802 - Amend regs to require 24 hour notice to STP before sewer release of radioactive material; exempt material entering via sanitary waste from requiring NRC approval for incineration

Advanced Medical Systems, Inc.

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May 22, 1995

Mr. Wayne Slawinski
U. S. Nuclear Regulatory Commission
Region III
801 Warrenville Road
Lisle, Illinois 60532-9820

Dear Mr. Slawinski:

Per your request for a copy of the certified, signed, return receipt from the Northeast Ohio Regional Sewer District, attached please find copies of the return receipt and correspondence verifying that the Sewer District received Advanced Medical Systems, Inc.'s Emergency Plan on April 26, 1995.

If you have any questions, please contact me.

Sincerely,



DAVID CESAR
Treasurer

DC/cs
Enclosures

9507030231 dpp

B/136

Is your RETURN ADDRESS completed on the reverse side?

SENDER:

- Complete items 1 and/or 2 for additional services.
- Complete items 3, and 4a & b.
- Print your name and address on the reverse of this form so that we can return this card to you.
- Attach this form to the front of the mailpiece, or on the back if space does not permit.
- Write "Return Receipt Requested" on the mailpiece below the article number.
- The Return Receipt will show to whom the article was delivered and the date delivered.

I also wish to receive the following services (for an extra fee):

1. ☐ Addressee's Address
2. ☐ Restricted Delivery

Consult postmaster for fee.

3. Article Addressed to:
Northeast Ohio Regional
Sewer District
3826 Euclid Ave.
Cleveland, OH 44115-2504

4a. Article Number
P 416 193 631

4b. Service Type
☐ Registered ☐ Insured
☒ Certified ☐ COD
☐ Express Mail ☐ Return Receipt for Merchandise

7. Date of Delivery
APR 26 1995

5. Signature (Addressee)

6. Signature (Agent)

8. Addressee's Address (Only if requested and fee is paid)

PS Form 3811, December 1991

U.S. GPO: 1993-352-714

DOMESTIC RETURN RECEIPT

Thank you for using Return Receipt Service.

UNITED STATES POSTAL SERVICE

Official Business



PENALTY FOR PRIVATE
USE TO AVOID PAYMENT
OF POSTAGE, \$300



RECEIVED APR 27 1995

Print your name, address and ZIP Code here

ADVANCED MEDICAL SYSTEMS, INC.

121 North Eagle Street
Geneva, Ohio 44041

ATTN D CESAR

Advanced Medical Systems, Inc.

121 North Eagle Street • Geneva, Ohio 44041
466-4671 FAX (216) 466-0186

April 24, 1995

VIA: USPS CERTIFIED MAIL

DISTRIBUTION: PLEASE SEE ATTACHED LIST

To Whom it May Concern:

Enclosed please find a copy of Advanced Medical Systems, Inc.'s Emergency Plan which includes a hazardous assessment for our facility at 1020 London Road, Cleveland, Ohio. Please review this plan and respond to me by May 31, 1995.

If you have any questions, please do not hesitate to contact me.

Sincerely,

DAVID CESAR
Treasurer

DC/cs
Enclosures

cc: John A. Grobe, USNRC Region III

DISTRIBUTION LIST FOR ADVANCED MEDICAL SYSTEMS, INC.'S EMERGENCY PLAN:

Cuyahoga Emergency Management Assistance Center
1255 Euclid Avenue
Cleveland, Ohio 44115-1807
ATTN: Mr. Michael S. Kalstrom, Secretary
Cuyahoga County Local Emergency Planning Committee

University Hospital of Cleveland
11100 Euclid Avenue
Cleveland, Ohio 44106
ATTN: Dr. Rao

ATTN: Mr. Lloyd T. Root, Chief
Fire Marshal
City of Cleveland
1645 Superior Avenue
Cleveland, Ohio 44114

Cleveland City Police Department
601 Lakeside Road
Room 230
Cleveland, Ohio 44114
ATTN: Commander Robert Cermak

Ohio Emergency Management Agency, Inc.
ATTN: Mr. James Williams
Radiological Branch Chief
2825 West Dublin-Granville Road
Columbus, Ohio 43235-2206

Ohio Emergency Response Commission
P.O. Box 163669
Columbus, Ohio 43216-3669
ATTN: Ms. Jan Harf, Chairman

Northeast Ohio Regional Sewer District
3826 Euclid Avenue
Cleveland, Ohio 44115-2504

DC/cs
04/25/95