

MATERIALS LICENSE
SUPPLEMENTARY SHEET

License Number

21-01430-02

Docket or Reference Number

030-00259

Amendment No. 24

301874

Edward W. Sparrow Hospital
Radiation Oncology Department
1215 East Michigan Avenue
Lansing, MI 48909

In accordance with letter dated September 20, 1996, License Number 21-01430-02 is hereby terminated.

TERMINATED

FOR THE U.S. NUCLEAR REGULATORY COMMISSION

Date Nov 26, 1996

By

Edgar R. Matson
Nuclear Materials Licensing Branch, Region III

030032

COPY 230 SD

BETWEEN:

License Fee Management Branch, ARM
and
Regional Licensing Sections

(FOR LFMS USE)
INFORMATION FROM LTS

Program Code: 02300
Status Code: 0
Fee Category: 7A 2B
Exp. Date: 20040131
Fee Comments: CODE 23
Decom Fin Assur Req'd: N

R9

LICENSE FEE TRANSMITTAL

A. REGION

1. APPLICATION ATTACHED

Applicant/Licensee: EDWARD W. SPARROW HOSPITAL
Received Date: 960926
Docket No: 3000259
Control No.: 301874
License No.: 21-01430-02
Action Type: Termination

2. FEE ATTACHED

Amount: 0
Check No.: 0

3. COMMENTS

Signed
Date

D. Hersey
9-27-96

B. LICENSE FEE MANAGEMENT BRANCH (Check when Milestone 03 is entered / /)

1. Fee Category and Amount: 7A 2B

EXEMPT

2. Correct Fee Paid. Application may be processed for:

Amendment
Renewal
License

3. OTHER

Signed
Date

SC
10/4/96

OCT 09 1996

Log	OCT 1 1996
Remitter	
Check No.	
Amount	
Fee Category	7A 2B
Type of Fee	
Date Check Rec'd	
Date Completed	10/4/96
By:	SC

1996 OCT -3 PM 11:08

SPARROW

REGIONAL CANCER
CENTER

James G. Herman, M.D., F.R.C.P. (C)
Medical Director

September 20, 1996

Michael S. Lawton
Administrative Director

Nuclear Materials Licensing Section
United States Nuclear Regulatory Commission
Region III
801 Warrenville Road
Lisle, Illinois 60532-4351

RE: Termination of NRC Teletherapy License #21-01430-02

Dear Sir/Madam:

We request termination of the NRC teletherapy license #21-01430-02 as all activities under the license were terminated. Following is submitted as part of the termination request:

- 1.) A Teletherapy Transfer Form (copy enclosed) was executed on 9/13/96
- 2.) A copy of the Sealed Source Leak Test on Co-60 therapy unit is enclosed.
- 3.) To the best of our knowledge, no public radiation exposure resulted from the use of the teletherapy unit.
- 4.) For your information, no patient has been treated on the teletherapy unit since August 29, 1996.
- 5.) Co-60 teletherapy unit was de-installed and removed from service on 9/13/96.

If you have any questions, please do not hesitate to call me at 1-(517)-483-2096. Thank you very much in advance.

Sincerely,

Subhash Sharma

Subhash C. Sharma, Ph.D.
Radiation Safety Officer

Michael S. Lawton

Michael Lawton
Administration Director
Sparrow Regional Cancer Center

CC: Dr. Herman
Dr. Krause
Maria Marsack

S/tlm

Termination
FEE EXEMPT

RECEIVED

SEP 26 1996

REGION III

SEP 26 1996

SEP 26 1996

pm, 9-23-96

301874

Teletherapy Transfer Form

This is to certify that the following Cobalt-60 teletherapy source:

Manufacture: *AECL*

Model Number: *T780*

Serial Number: *57*

Containing approx. *3900* Curies as of *9-1-96* has been wipe tested and found to be leak free; and is hereby transferred from:

EDWARD W. SPARROW HOSPITAL
1215 EAST Michigan Avenue
LANSING, Michigan 48209

R.A.M. License No.: *21-01430-02*

Issuing Agency: *USNRC*

TO: **Alpha-Omega Services, Inc.**
9156 Rose Street
Bellflower, CA 90707
R.A.M. License No. 2641-70
Issuing Agency: State of California

Signed: *Richard D. Fox*

Date: *9-13-96*

Cary Hedger / Bruce Hedger
Alpha-Omega Services, Inc
Bellflower, CA 90706

Sealed Source Leak Test

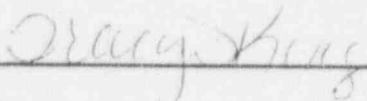
Facility: E.W. SPARROW HOSPITAL

Date: 6/12/96

NUCLIDE	TYPE	CALIBRATION		LOCATION	M/N	S/N
		ACTIVITY	DATE			
Cs-137	VIAL	222 uCi	2/1/88	HOT LAB	NES-356	S35600449
Ba-133	VIAL	275 uCi	10/13/87	HOT LAB	NES-358	S35800245
* Co-60	THERAPY	7420 Ci			C-146	S-3845 *
Cs-137	VIAL	6.15 MBq	6/30/89	THERAPY	EGAG45	220/133
Co-57	VIAL	5.8 mCi	9/16/91	HOT LAB	NES-206	S206059096
Co-57	FLOOD	10 mCi	3/31/96	HOT LAB	NES-392	S39258001
Co-57	FLOOD	10 mCi	4/15/96	HOT LAB	NES8400	S840049603

Comment: The sources listed above were leak tested using a dry wipe technique and were found to have less than 0.005 uCi removable activity.

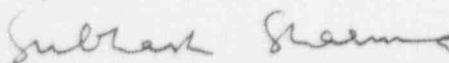
Tested by:



Date:

7-12-96

RADIATION SAFETY OFFICER:



NOV 21 1996

Subhash C. Sharma, Ph.D.
Radiation Safety Officer
Edward W. Sparrow Hospital
Radiation Oncology Department
1215 East Michigan Avenue
Lansing, MI 48909

Dear Dr. Sharma:

Enclosed is Amendment No. 24 which terminates your NRC License Number 21-01430-02 in accordance with your request.

If you have any questions or require clarification on any of the information stated above, you may contact us at (630) 829-9887.

Sincerely,

Original Signed By
Evelyn R. Matson
Nuclear Materials Licensing Branch

License No.: 21-01430-02
Docket No.: 030-00259

Enclosure: Amendment No. 24

DOCUMENT NAME: M:\03000259.T3

To receive a copy of this document, indicate in the box: "C" = Copy without attachment/enclosure "E" = Copy with attachment/enclosure "N" = No copy

OFFICE	DNMS/RIII	<input checked="checked" type="checkbox"/>							
NAME	EMATSON:jaw	<input checked="checked" type="checkbox"/>							
DATE	11/21/96	<input checked="checked" type="checkbox"/>							

OFFICIAL RECORD COPY

301874



Department of Radiology
Radiation Oncology of Mid-Michigan, P.C.
Radiation Oncology Division
Telephone: (517) 483-2318

November 12, 1996

David A. Krause, M.D.
Radiation Oncologist
James G. Herman, M.D. FRCP(C)
Radiation Oncologist

Ms. Evelyn R. Matson
Nuclear Materials Licensing Section
United States Nuclear Regulatory Commission
Region III
801 Warrenville Road
Lisle, Illinois 60532-4351

Subhash C. Sharma, Ph.D.
Director, Medical Physics
Martin Johnson, M.S.
Medical Physicist

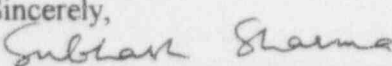
RE: License No. 21-01430-02
Amendment request dated September 20, 1996 requesting termination of license

Dear Ms. Matson:

With reference to your faxed letter dated 11/06/96, the following additional information is enclosed:

1. A copy of the transfer letter for the depleted uranium used for shielding in the teletherapy license is enclosed.
2. Under 10 CFR 30.35 (g)
 1. No records of spills or other unusual occurrences involving the spread of contamination in and around the facility, equipment or site exist or pertain to the above teletherapy license. No records to be transferred.
 2. Does not apply as teletherapy Cobalt source is a sealed source and no records are available.
 3. i, ii, iii, iv
No sealed sources have ever leaked during the licensed activities.
 4. Does not apply to this license.

Thank you very much for your attention to this matter. Please do not hesitate to call me at 1-(517)-483-2096 if you have any further questions. Once again, thanks for reviewing and answering my questions with the documentation.

Sincerely,

Subhash C. Sharma, Ph.D.
Radiation Safety Officer

cc: Michael Lawton

RECEIVED
NOV 14 1996
REGION III

Pm: 11-12-96

1215 E. Michigan, P.O. Box 30480, Lansing, MI 48909-7980 • (517) 483-2700

NOV 14 1996

**ALPHA-OMEGA SERVICES, INC.***Where Quality Means Exceeding Expectations*

R a d i a t i o n T h e r a p y S o u r c e s a n d A c c e s s o r i e s

DEPLETED URANIUM TRANSFER

This is to certify that a collimator from a T780 Cobalt-60 teletherapy unit was removed from the

EDWARD W. SPARROW HOSPITAL
1215 East Michigan Ave.
Lansing, MI 48909

Nuclear Regulatory Commission License #21-01430-02

which contains 50 Kilograms of depleted uranium and has been transferred to ALPHA-OMEGA SERVICES, Inc. State of California License #2641-70.

Signed: _____

Date: _____

11-11-96

ALPHA-OMEGA SERVICES, Inc.

UNITED STATES NUCLEAR REGULATORY COMMISSION
REGION III
CONVERSATION RECORD

(X) TELEPHONE (X) OUTGOING () INCOMING () CONVERSATION

TIME: 4:30p

DATE: 11/6/96

NAME OF PERSON(S) CONTACTED:

ORGANIZATION:

TELEPHONE NO.:

Dr. Subhash C. Sharma,
Department of Radiology
Radiation Safety Officer
Edward W. Sparrow Hospital

SUBJECT:

License No. 21-01430-02

Amendment request dated September 20, 1996 requesting termination of license.

SUMMARY:

The NRC needs that following additional information:

1. Please describe the disposal or transfer of the depleted uranium used for shielding in the teletherapy license. Provide documentation that demonstrates that the DU was removed by an authorized agent.
2. 10 CFR 30.36(k) (4) states that specific licenses will be terminated when the Commission determines that records required by 10 CFR 30.51(d) and (f) have been received by the Commission. 10 CFR 30.51(d) does not pertain to your license. However, 10 CFR 30.51(f) states that prior to license termination, each licensee shall forward the records required by 30.35(g) to the appropriate NRC Regional Office.

Therefore, transfer the required records to this office or provide a statement explaining why each of the records required is not applicable to your licensed program. For example, you may state that no sealed sources have ever leaked during the licensed activities.

ACTION REQUIRED:

Please respond in writing within 15 days, provide two copies of your response and refer to Control No. 301874.

ACTION TAKEN:

NAME OF PERSON DOCUMENTING CONVERSATION

Evelyn R. Matson
630-829-9822

SIGNATURE



DATE

11/6/96



UNITED STATES
NUCLEAR REGULATORY COMMISSION

REGION III
801 WARRENVILLE ROAD
LISLE, ILLINOIS 60532-4351

September 30, 1996

Subhash C. Sharma, Ph.D.
Radiation Safety Officer
Edward W. Sparrow Hospital
Radiation Oncology Department
1215 East Michigan Avenue
Lansing, MI 48909

SUBJECT: ACKNOWLEDGEMENT OF CORRESPONDENCE
(Letter Dated 09/20/96)

Dear Licensee:

In response to your request, we have completed the initial processing, which is an administrative review of your application for a(n):

☐ New License ☐ Amendment ☐ Renewal
☒ Termination ☐ Auth User (Amendment not required)
☐ Other _____

No administrative deficiencies were identified during this initial review. However, it should be noted that a technical review may identify omissions in the submitted information.

It appears that your request is routine (see 1-3 below, as applicable).

1. New and amendment actions are normally processed within 90 days, unless we find major deficiencies, or policy issues requiring central program office assistance.
2. Renewal actions are normally processed within 180 days, however, under timely filing (before expiration), you may continue to operate under your existing license.
3. Termination actions are normally processed within 90 days, unless confirmatory surveys following decontamination/decommissioning activities are involved.

A copy of your correspondence has been forwarded to our Licensing Fee and Debt Collection Branch (301/415-6097) for approval of the fee category and amount, if required.

If you have a compelling safety or business-related reason for requesting expedited review, please contact the Materials Licensing Branch at (630) 829-9887. We will try to complete your request as soon as practicable. Any correspondence about this request should reference the control number.

Nuclear Materials Support Branch

Mail Control No. 301874
License No. 21-01430-02