UNITED STATES
NUCLEAR REGULATORY COMMISSION
REGION I
475 ALLENDALE ROAD
KING OF PRUSSIA, PENNSYLVANIA 19406-1415

March 21, 2007

Docket No. 03036099 License No. 06-30764-01
Control No. 140212

Wayne W. Richardson
Radiation Safety Officer
Advanced Care Medical
115 Hurley Road
Building 3A
Oxford, CT 06478

SUBJECT: ADVANCED CARE MEDICAL, LICENSE AMENDMENT, CONTROL NO. 140212

Dear Mr. Richardson:

This refers to your license amendment request. Enclosed with this letter is the amended license.

Please review the enclosed document carefully and be sure that you understand and fully implement all the conditions incorporated into the amended license. If there are any errors or questions, please notify the U.S. Nuclear Regulatory Commission, Region I Office, Licensing Assistance Team, (610) 337-5239, so that we can provide appropriate corrections and answers.

An environmental assessment for this action is not required, since this action is categorically excluded under 10 CFR 51.22(c)(14).

Current NRC regulations and guidance are included on the NRC's website at www.nrc.gov; select **Nuclear Materials; Medical, Academic, and Industrial Uses of Nuclear Material;** then **Regulations, Guidance, and Communications.** You may also obtain these documents by contacting the Government Printing Office (GPO) toll-free at 1-888-293-6498. The GPO is open from 7:00 a.m. to 8:00 p.m. EST, Monday through Friday (except Federal holidays).

Thank you for your cooperation.

Sincerely,

Original signed by Michelle Beardsley

Michelle Beardsley
Senior Health Physicist
Commercial and R&D Branch
Division of Nuclear Materials Safety

Enclosure:
Amendment No. 12

DOCUMENT NAME: C:\FileNet\ML070820084.wpd

SUNSI Review Complete: MBeardsley
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NAME	MBeardsley ***/MRB/***							
DATE	3/21/07							

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Amendment No. 12

MATERIALS LICENSE

Pursuant to the Atomic Energy Act of 1954, as amended, the Energy Reorganization Act of 1974 (Public Law 93-438), and Title 10, Code of Federal Regulations, Chapter I, Parts 30, 31, 32, 33, 34, 35, 36, 39, 40, and 70, and in reliance on statements and representations heretofore made by the licensee, a license is hereby issued authorizing the licensee to receive, acquire, possess, and transfer byproduct, source, and special nuclear material designated below; to use such material for the purpose(s) and at the place(s) designated below; to deliver or transfer such material to persons authorized to receive it in accordance with the regulations of the applicable Part(s). This license shall be deemed to contain the conditions specified in Section 183 of the Atomic Energy Act of 1954, as amended, and is subject to all applicable rules, regulations, and orders of the Nuclear Regulatory Commission now or hereafter in effect and to any conditions specified below.

Licensee	In accordance with the letter dated March 9, 2007,
1. Advanced Care Medical	3. License number 06-30764-01 is amended in its entirety to read as follows:
2. 115 Hurley Road, Bldg. 3A Oxford, Connecticut 06478	4. Expiration date December 31, 2012
	5. Docket No. 03036099 Reference No.

6. Byproduct, source, and/or special nuclear material	7. Chemical and/or physical form	8. Maximum amount that licensee may possess at any one time under this license
A. Iodine125	A. Sealed Sources as specified in Condition 11	A. 15,000 millicuries total
B. Technetium 99m	B. Any	B. 40 millicuries
C. Cesium 137	C. Sealed Sources (Isotope Products Laboratories Model RV-137)	C. 0.5 millicuries
D. Cesium 131	D. Sealed Sources (IsoRay, Model Cserion Cs-1)	D. 65 millicurie(internal) maximum activity per source and 130 curies total

9. Authorized use:

A. and D. For possession, storage, and packaging of sealed sources into a stranded or loose configuration for persons specifically licensed to receive, possess, and use the sources.
B. and C. For calibration of the licensee's instruments.

CONDITIONS

10. Licensed material may be used or stored only at the licenses's facilities at 115 Hurley Road, Building 3A, Oxford, Connecticut.

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11. Iodine 125 sealed sources permitted by this license include:

Isotope	Source Model Number	Maximum Activity Per Source
I-125	Medi-Physics Inc. 6702	195 millicuries
I-125	Medi-Physics Inc. 6711	270 millicuries
I-125	North American Scientific Inc. MED3631	25 millicuries
I-125	Best Medical International 2300 series	110 millicuries
I-125	Bebig 125-S06	40 millicuries
I-125	Mills Biopharmaceuticals Inc.125SL	1 millicurie
I-125	Mills Biopharmaceuticals Inc.125SH	150 millicuries
I-125	IsoAid Inc. 1A1-125A	10 millicuries
I-125	Implant Sciences Corp. 3000	5 millicuries
I-125	International Brachytherapy, SA 1251L	5.5 millicuries
I-125	Source Tech Medical, L.L.C. STM125	15 millicuries
I-125	Draximage Inc., LS-1	75 millicuries
I-125	Implant Sciences Corp., Model 3500	7.5 millicuries
I-125	Medi-Physics, Inc. 6733 (EchoSeed)	71.2millicuries

12. Licensed material shall be used by, or under the supervision of Matthew Bouffard, Warren Rice and Timothy Delaney.

13. The Radiation Safety Officer for this license is Wayne Richardson.

14. This license does not authorize commercial distribution of licensed material to persons generally licensed pursuant to 10 CFR Part 31 or equivalent regulations of any Agreement State or to persons exempt from licensing pursuant to 10 CFR 30.14 through 30.20 inclusive, or equivalent regulations of any Agreement State.

15. The licensee shall conduct a physical inventory every six months to account for all sealed sources and devices containing licensed material received and possessed under the license.

16. The licensee is authorized to transport licensed material only in accordance with the provisions of 10 CFR Part 71, "Packaging and Transportation of Radioactive Material."

17. The licensee is authorized to hold byproduct material with a physical half-life of less than or equal to 120 days for decay-in-storage before disposal without regard to its radioactivity if the licensee:

    A. Monitors byproduct material at the surface before disposal and determines that its radioactivity cannot be distinguished from the background radiation level with an appropriate radiation detection survey meter set on its most sensitive scale and with no interposed shielding; and

    B. Removes or obliterates all radiation labels, except for radiation labels on materials that are within containers and that will be managed as biomedical waste after they have been released from the licensee; and

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C. Maintains records of the disposal of licensed materials for 3 years. The record must include the date of disposal, the survey instrument used, the background radiation level, the radiation level measured at the surface of each waste container, and the name of the individual who performed the disposal.

18. A. Sealed sources shall be tested for leakage and/or contamination at intervals not to exceed the intervals specified in the certificate of registration issued by the U.S. Nuclear Regulatory Commission under 10 CFR 32.210 or under equivalent regulations of an Agreement State.

B. In the absence of a certificate from a transferor indicating that a leak test has been made within the intervals specified in the certificate of registration issued by the U.S. Nuclear Regulatory Commission under 10 CFR 32.210 or under equivalent regulations of an Agreement State, prior to the transfer, a sealed source received from another person shall not be put into use until tested and the test results received.

C. Sealed sources need not be tested if they are in storage and are not being used; however, when they are removed from storage for use or transferred to another person and have not been tested within the required leak test interval, they shall be tested before use or transfer. No sealed source shall be stored for a period of more than 10 years without being tested for leakage and/or contamination.

D. The leak test shall be capable of detecting the presence of 0.005 microcurie (185 becquerels) of radioactive material on the test sample. If the test reveals the presence of 0.005 microcurie (185 becquerels) or more of removable contamination, a report shall be filed with the U.S. Nuclear Regulatory Commission in accordance with 10 CFR 30.50(c)(2), and the source shall be removed immediately from service and decontaminated, repaired, or disposed of in accordance with Commission regulations.

E. Tests for leakage and/or contamination, including leak test sample collection and analysis, shall be performed by the licensee or by other persons specifically licensed by the U.S. Nuclear Regulatory Commission or an Agreement State to perform such services.

F. Records of leak test results shall be kept in units of microcuries and shall be maintained for 5 years.

19. Licensed material shall not be used in or on human beings.

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20. Except as specifically provided otherwise in this license, the licensee shall conduct its program in accordance with the statements, representations, and procedures contained in the documents, including any enclosures, listed below. The U.S. Nuclear Regulatory Commission's regulations shall govern unless the statements, representations, and procedures in the licensee's application and correspondence are more restrictive than the regulations.

A. Application dated August 9, 2002 (ML022340699
B. Facsimile received September 5, 2002, except attachments (ML023580358)
C. Letter dated December 7, 2002 (ML023430482)
D. Letter dated December 11, 2002 (ML023460110)
E. Letter dated January 2, 2003 (ML030030738)
F. Letter dated July 28, 2003 (ML032100538)
G. Letter dated September 19, 2003 (ML032680907)
H. Application dated November 10, 2003 (ML033390297)
I. Letter dated January 27, 2004 (ML040490400)
J. Letter received February 6, 2004 (ML040360429)
K. Letter dated April 12, 2004 (ML041190045)
L. Letter dated April 29, 2004 (ML041260237)
M. Letters dated February 9, 2005 (2) (ML050610572)
N. Letter dated December 5, 2005 (ML053500305)
O. Letter dated February 10, 2006 (ML060600474)
P. Letter dated August 11, 2006 (ML062280111)

For the U.S. Nuclear Regulatory Commission

Date March 21, 2007

By ***Original signed by Michelle Beardsley***

Michelle Beardsley
Commercial and R&D Branch
Division of Nuclear Materials Safety
Region I
King of Prussia, Pennsylvania 19406