

NRC FORM 7

(8-2007)
10 CFR 110

U.S. NUCLEAR REGULATORY COMMISSION

APPROVED BY OMB: NO. 3150-0027

EXPIRES: 06/30/2009

**APPLICATION FOR NRC EXPORT/IMPORT
LICENSE, AMENDMENT, OR RENEWAL**

(See Instructions on Page 5)

Estimated burden per response to comply with this mandatory collection request: 2.4 hours. This submittal is reviewed to ensure that the applicable statutory, regulatory, and policy considerations are satisfied. Send comments regarding burden estimate to the Records and FOIA/Privacy Services Branch (T-5 F52), U.S. Nuclear Regulatory Commission, Washington, DC 20555-0001, or by internet e-mail to infocollects@nrc.gov, and to the Desk Officer, Office of Information and Regulatory Affairs, NE0B-10202, (3150-0027), Office of Management and Budget, Washington, DC 20503. If a means used to impose an information collection does not display a currently valid OMB control number, the NRC may not conduct or sponsor, and a person is not required to respond to, the information collection.

PART A. FOR NRC USE ONLY☒ PUBLIC OR ☐ NON-PUBLIC

DATE RECEIVED

6-30-08

LICENSE NUMBER

PCB 102.0

DOCKET NUMBER

ADAMS ACCESSION NUMBER

PART B. TO BE COMPLETED FOR ALL LICENSES, AMENDMENTS, RENEWALS OR NOTIFICATIONS

(If more space is needed to complete any of the items, use Pages 3-4 first, and then attach additional sheets, if necessary.)

1. NAME AND ADDRESS OF APPLICANT/LICENSEE

MCG Health, Inc
BA-3306
Augusta, GA 30912

1a. NAME OF APPLICANT'S CONTACT

James S. Davis Ph.D., CHP

1b. APPLICANT'S REFERENCE NUMBER

License # GA 1110-1

1c. PHONE NUMBER

(706) 721-9826

1d. FAX NUMBER

(706) 721-9844

1e. E-MAIL ADDRESS

jdavis@mcg.edu

2. TYPE OF ACTION REQUESTED (Check One)

☐ EXPORT
(Parts B, C, E)☐ NOTIFICATION OF
EXPORT OF
INCIDENTAL
RADIOACTIVE
MATERIAL (PART C, E)☐ IMPORT
(Parts B, D, E)☒ COMBINED EXPORT/IMPORT
(Parts B, C, D, E)☐ AMENDMENT/RENEWAL
Existing License Number: _____

3. CONTRACT NUMBER(S)

N/A

4. FIRST SHIPMENT DATE

08/15/2008

5. LAST SHIPMENT DATE

01/30/2009

6. PROPOSED EXPIRATION DATE

11/30/2010

PART C. TO BE COMPLETED FOR EXPORT ONLY OR COMBINED LICENSES, AMENDMENTS, OR RENEWALS

(If more space is needed to complete any of the items, use Pages 3-4 first, and then attach additional sheets, if necessary.)

7. NAME(S) / ADDRESS(ES) OF SUPPLIERS
AND/OR OTHER PARTIES TO THE EXPORT8. NAME(S) / ADDRESS(ES) OF INTERMEDIATE
FOREIGN CONSIGNEE(S)9. NAME(S) / ADDRESS(ES) OF ULTIMATE
FOREIGN CONSIGNEE(S)

Best Theratronics
413 March Road
Ottawa, Ontario
K2K0E4
Canada

7a. FUNCTION(S) PERFORMED/SERVICE(S) PROVIDED

N/A

8a. INTERMEDIATE USE(S)

N/A

9a. ULTIMATE END USE(S)

Unlimited End Use

10. DESCRIPTION OF RADIOACTIVE MATERIALS, SEALED SOURCES,
NUCLEAR FACILITIES, EQUIPMENT, OR COMPONENTS; FOR
NUCLEAR EQUIPMENT INCLUDE TOTAL DOLLAR VALUE OF
EQUIPMENT FOR EXPORT

Cesium 137
Sealed sources
Chemical form: Element
Physical form: Solid
Device: Gammacell 1000

10a. MAX TOTAL VOLUME /
ELEMENT WGT (KG), OR
TOTAL ACTIVITY (TBq)

Curent Activity:
29.5 TBq
(796.9 Ci)

10b. MAX ENRICHMENT
OR WGT %

N/A

10c. MAX ISOTOPE
WGT (KG)

N/A

Rec'd
6-30-08
RB

11. FOREIGN OBLIGATIONS (BY COUNTRY AND BY PERCENTAGE OF MAXIMUM TOTAL VOLUME)

N/A

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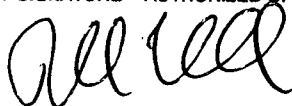
APPLICATION FOR NRC EXPORT/IMPORT LICENSE, AMENDMENT, OR RENEWAL (Continued)

LICENSE NUMBER PCB10210	DOCKET NUMBER	ADAMS ACCESSION NUMBER	<input checked="" type="checkbox"/> PUBLIC OR <input type="checkbox"/> NON-PUBLIC
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PART D. TO BE COMPLETED FOR IMPORT ONLY, OR COMBINED LICENSES, AMENDMENTS, OR RENEWALS (If more space is needed to complete any of the items, use Pages 3-4 first, and then attach additional sheets, if necessary.)

12. NAME(S) / ADDRESS(ES) OF FOREIGN SUPPLIERS AND/OR OTHER PARTIES TO IMPORT Best Theratronics 413 March Road Ottawa, Ontario K2K0E4 Canada	13. NAME(S) / ADDRESS(ES) OF INTERMEDIATE CONSIGNEE(S)	14. NAME(S) / ADDRESS(ES) OF ULTIMATE CONSIGNEE(S) MCG Health, Inc BA-3306 Augusta, GA 30912	
12a. NRC EXPORT LICENSE NUMBER(S) (if applicable) N/A	13a. LICENSE NUMBER(S) / EXPIRATION DATE(S) N/A	14a. LICENSE NUMBER(S) / EXPIRATION DATE(S) GA 1110-1/Expiration date: November 30, 2010	
	13b. INTERMEDIATE USE(S) N/A	14b. ULTIMATE END USE(S) Irradiation of biological material	
15. DESCRIPTION OF RADIOACTIVE MATERIALS, SEALED SOURCES, NUCLEAR FACILITIES Cesium 137 Sealed sources Chemical form: Element Physical form: Solid Gammacell 3000 Elan- Type II	15a. MAX TOTAL VOLUME / ELEMENT WGT (KG), OR TOTAL ACTIVITY (TBq) 110.7 TBq (2990 Ci)	15b. MAX ENRICHMENT OR WGT % N/A	15c. MAX ISOTOPE WGT (KG) N/A
16. FOREIGN OBLIGATIONS (BY COUNTRY AND BY PERCENTAGE OF MAXIMUM TOTAL VOLUME) N/A			

PART E. TO BE COMPLETED FOR ALL LICENSES, AMENDMENTS, OR RENEWALS

17. ADDITIONAL INFORMATION PROVIDED ON PAGES 3, 4, AND/OR ON SEPARATE SHEETS? <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO	17a. COPIES OF RECIPIENTS' AUTHORIZATIONS PROVIDED? <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
18. CERTIFICATION: I, the applicant's authorized official, hereby certify that this application is prepared in conformity with Title 10, Code of Federal Regulations, and that all information provided is correct to the best of my knowledge.	
18a. PRINT NAME AND TITLE OF AUTHORIZED OFFICIAL Don Snell President & Chief Executive Officer	18b. SIGNATURE -- AUTHORIZED OFFICIAL 
18c. DATE 06/11/2008	

Rec'd 6-30-08 RB

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U.S. NUCLEAR REGULATORY COMMISSION

APPLICATION FOR NRC EXPORT/IMPORT
LICENSE, AMENDMENT, OR RENEWAL (Continued)

LICENSE NUMBER <i>PCB 1020</i>	DOCKET NUMBER	ADAMS ACCESSION NUMBER	<input checked="" type="checkbox"/> PUBLIC OR <input type="checkbox"/> NON-PUBLIC
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ADDITIONAL INFORMATION (Reference applicable block numbers from page 1 and/or page 2 for each entry)

Block 10. Disposal of Gammacell 1000 S/N 0089 in conjunction with new Gammacell Elan-Type II Self-Contained Blood Irradiator.

~~FEE EXEMPTION:~~ The Medical College of Georgia Health Inc is a not for profit, tax exempt, educational institution. Accordingly, this application, under paragraph (4) of 10 CFR 170.11, is considered fee exempt.

ATTACHMENTS: Following attachments are included with this application:

1. Copy of U.S. Nuclear Regulatory Commission License issued to Best Theratronics Ltd.; License number 45-31299-01; expiration date May 30, 2018.
2. Copy of Georgia Radioactive Materials License Number GA 1110-1 Amendment Number 4 issued to Medical College of Georgia Health, Inc; Expiration Date November 30, 2010.
3. Copy of letter dated June 27, 2008 requesting amendment to Georgia Radioactive Materials License Number GA 1110-1 to include the Gammacell 3000 Elan Type II Blood Irradiator (2990 Curie sources activity).

*Rec'd
6-30-08
RB*



PCB102.0

Environmental Health and Safety Division

June 27, 2008

Mr. Scott Moore,
Deputy Director
Office of International Programs
Mail Stop: 4E21
U.S. Nuclear Regulatory Commission
One White Flint North
11555 Rockville Pike
Rockville, Maryland 20852-2738

Dear Mr. Moore,

Enclosed is a completed U.S. Nuclear Regulatory Commission NRC Form 7, *Application for NRC Export/Import License, Amendment, or Renewal*. The Medical College of Georgia Health, Inc. has issued a purchase order to Best Theratronics (formerly MDS Nordion) to replace the Gammacell 1000 SN0089 Blood Irradiator, currently listed on Georgia Radioactive Materials License, Number GA. 1110-1 with a Gammacell 3000 Elan Type II Self-Contained Blood Irradiator (two cesium 137 sources totaling a maximum of 2990 curies). Best Theratronics, Canada, will deliver and install the new Blood Irradiator as well as take possession and dispose of the existing Gammacell 1000 unit with sources. During the installation and disposal operations, radiation safety and public safety/security will be provided by MCG/MCGHI to ensure safe and secure operations.

Enclosed are the following documents in support of this application:

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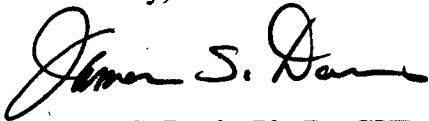
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PCB102.0

If you have any questions or need additional information, please do not hesitate to contact me or Dennis A. Stevenson Ph.D. CHP, Deputy Radiation Safety Officer at 706-721-9826.

Thank you very much for your consideration of this application.

Sincerely,

A handwritten signature in black ink, appearing to read "James S. Davis". The signature is fluid and cursive, with the first name "James" being more prominent than the last name "Davis".

James S. Davis, Ph. D., CHP
Radiation Safety Officer

cc. Carlotta Coates

Rec'd
6-30-08
PB