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| NRC FORM 7 (6-2006) 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 <i>(See Instructions on Page 5)</i> | | | | 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, NEOB-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 | | <input type="checkbox"/> PUBLIC OR <input type="checkbox"/> NON-PUBLIC | | DATE RECEIVED | | | |
| LICENSE NUMBER <i>CBP76</i> | | DOCKET NUMBER | | ADAMS ACCESSION NUMBER | | | |
| PART B. TO BE COMPLETED FOR ALL 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.) | | | | | | | |
| 1. NAME AND ADDRESS OF APPLICANT/LICENSEE Dana-Farber Cancer Institute 44 Binney Street Boston, MA 02115 | | | 1a. NAME OF APPLICANT'S CONTACT Eric B. Andersen | | 1b. APPLICANT'S REFERENCE NUMBER GC1 | | |
| | | | 1c. PHONE NUMBER (617) 632-3005 | | 1d. FAX NUMBER (617) 632-1932 | | |
| | | | 1e. E-MAIL ADDRESS eric_andersen@dfci.harvard.edu | | | | |
| 2. TYPE OF NRC LICENSE REQUESTED (Check One) | | | | | | | |
| <input type="checkbox"/> EXPORT (Parts B, C, E) | | <input type="checkbox"/> IMPORT (Parts B, D, E) | | <input checked="" type="checkbox"/> COMBINED EXPORT/IMPORT (Parts B, C, D, E) | | <input type="checkbox"/> AMENDMENT/RENEWAL Existing License Number: | |
| 3. CONTRACT NUMBER(S) DFCI P.O. #196903 | | 4. FIRST SHIPMENT DATE 04/01/2007 | | 5. LAST SHIPMENT DATE 10/31/2008 | | 6. PROPOSED EXPIRATION DATE 12/31/2008 | |
| 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 EXPORT | | | 8. NAME(S) / ADDRESS(ES) OF INTERMEDIATE FOREIGN CONSIGNEE(S) | | | 9. NAME(S) / ADDRESS(ES) OF ULTIMATE FOREIGN CONSIGNEE(S) MDS Nordion 447 March Road Ottawa, Ontario K2K 1X8 Canada | |
| | | | | | | RECEIVED OIP 2007 FEB 15 PM 1:50 | |
| 7a. LIST FUNCTIONS PERFORMED/SERVICE PROVIDED | | | 8a. INTERMEDIATE USE(S) | | | 9a. ULTIMATE END USE(S) MDS accepts return sources for recycle. | |
| 10. DESCRIPTION OF RADIOACTIVE MATERIALS, SEALED SOURCES, NUCLEAR FACILITIES, EQUIPMENT, OR COMPONENTS Cesium 137 Sealed sources Chemical form: Element Physical form: Solid Device: Gammacell 40 | | | 10a. MAX TOTAL VOLUME / ELEMENT WGT (KG), OR TOTAL ACTIVITY (TBq) Total Activity: 102 TBq | | 10b. MAX ENRICHMENT OR WGT % | 10c. MAX ISOTOPE WGT (KG) | |
| 11. FOREIGN OBLIGATIONS (BY COUNTRY AND BY PERCENTAGE OF MAXIMUM TOTAL VOLUME) | | | | | | | |

NRC FORM 7
(6-2006)
10 CFR 110

U.S. NUCLEAR REGULATORY COMMISSION

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

| | | | |
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| LICENSE NUMBER | DOCKET NUMBER | ADAMS ACCESSION NUMBER | <input 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.)

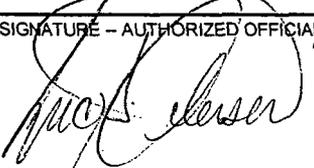
| | | | |
|---|--|--|---|
| 12. NAME(S) / ADDRESS(ES) OF FOREIGN SUPPLIERS AND/OR OTHER PARTIES TO IMPORT MDS Nordion 447 March Road Ottawa, Ontario K2K 1X8 Canada | 13. NAME(S) / ADDRESS(ES) OF INTERMEDIATE CONSIGNEE(S) | 14. NAME(S) / ADDRESS(ES) OF ULTIMATE CONSIGNEE(S) | |
| 12a. NRC EXPORT LICENSE NUMBER(S) (if applicable) | 13a. LICENSE NUMBER(S) / EXPIRATION DATE(S) | 14a. LICENSE NUMBER(S) / EXPIRATION DATE(S) | |
| | 13b. INTERMEDIATE USE(S) | 14b. INTERMEDIATE USE(S) | |
| 15. DESCRIPTION OF RADIOACTIVE MATERIALS, SEALED SOURCES, NUCLEAR FACILITIES Cesium 137 Two Sealed sources Chemical form: Element Physical form: Solid Device: Gammacell 40 Exactor (quantity 2, in separate shipments) | 15a. MAX TOTAL VOLUME / ELEMENT WGT (KG), OR TOTAL ACTIVITY (TBq) Total Activity: 310 TBq (quantity 2 at 155 TBq, each, in separate shipments) | 15b. MAX ENRICHMENT OR WGT % | 15c. MAX ISOTOPE WGT (KG) RECEIVED OIP 7 FEB 15 PM 1:50 |

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

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

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| 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.

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|--|--|----------------------------|
| 18a. PRINT NAME AND TITLE OF AUTHORIZED OFFICIAL Eric B. Andersen Radiation Safety Officer Dana-Farber Cancer Institute | 18b. SIGNATURE - AUTHORIZED OFFICIAL  | 18c. DATE 2/13/2007 |
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ADDITIONAL INFORMATION (Reference applicable block numbers from page 1 and/or page 2 for each entry)

Block 17: attachment / enclosure - copy of Massachusetts Department of Public Health (Agreement State) radioactive materials license number 19-7610, Amendment No: 16, expiration date December 31, 2008 (4 pages).

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