

030-21243

L+L= 20835

NRC FORM 313

(1-84)
10 CFR 30, 32, 33, 34,
35 and 40U.S. NUCLEAR REGULATORY COMMISSION
APPROVED BY OMB
3150-0120
Expires 5-31-87

APPLICATION FOR MATERIAL LICENSE

03244

INSTRUCTIONS: SEE THE APPROPRIATE LICENSE APPLICATION GUIDE FOR DETAILED INSTRUCTIONS FOR COMPLETING APPLICATION. SEND TWO COPIES OF THE ENTIRE COMPLETED APPLICATION TO THE NRC OFFICE SPECIFIED BELOW.

FEDERAL AGENCIES FILE APPLICATIONS WITH:

U.S. NUCLEAR REGULATORY COMMISSION
DIVISION OF FUEL CYCLE AND MATERIAL SAFETY, NMSS
WASHINGTON, DC 20585

ALL OTHER PERSONS FILE APPLICATIONS AS FOLLOWS, IF YOU ARE LOCATED IN:

CONNECTICUT, DELAWARE, DISTRICT OF COLUMBIA, MAINE, MARYLAND,
MASSACHUSETTS, NEW JERSEY, NEW YORK, PENNSYLVANIA, RHODE ISLAND,
OR VERMONT, SEND APPLICATIONS TO:U.S. NUCLEAR REGULATORY COMMISSION, REGION I
NUCLEAR MATERIAL SECTION B
831 PARK AVENUE
KING OF PRUSSIA, PA 19406ALABAMA, FLORIDA, GEORGIA, KENTUCKY, MISSISSIPPI, NORTH CAROLINA,
PUERTO RICO, SOUTH CAROLINA, TENNESSEE, VIRGINIA, VIRGIN ISLANDS, OR
WEST VIRGINIA, SEND APPLICATIONS TO:U.S. NUCLEAR REGULATORY COMMISSION, REGION II
MATERIAL RADIATION PROTECTION SECTION
101 MARIETTA STREET, SUITE 2900
ATLANTA, GA 30323

IF YOU ARE LOCATED IN:

ILLINOIS, INDIANA, IOWA, MICHIGAN, MINNESOTA, MISSOURI, OHIO, OR
WISCONSIN, SEND APPLICATIONS TO:U.S. NUCLEAR REGULATORY COMMISSION, REGION III
MATERIALS LICENSING SECTION
799 ROOSEVELT ROAD
GLEN ELLYN, IL 60137ARKANSAS, COLORADO, IDAHO, KANSAS, LOUISIANA, MONTANA, NEBRASKA,
NEW MEXICO, NORTH DAKOTA, OKLAHOMA, SOUTH DAKOTA, TEXAS, UTAH,
OR WYOMING, SEND APPLICATIONS TO:U.S. NUCLEAR REGULATORY COMMISSION, REGION IV
MATERIAL RADIATION PROTECTION SECTION
611 RYAN PLAZA DRIVE, SUITE 1000
ARLINGTON, TX 76011ALASKA, ARIZONA, CALIFORNIA, HAWAII, NEVADA, OREGON, WASHINGTON,
AND U.S. TERRITORIES AND POSSESSIONS IN THE PACIFIC, SEND APPLICATIONS
TO:U.S. NUCLEAR REGULATORY COMMISSION, REGION V
MATERIAL RADIATION PROTECTION SECTION
1450 MARIA LANE, SUITE 210
WALNUT CREEK, CA 94596PERSONS LOCATED IN AGREEMENT STATES SEND APPLICATIONS TO THE U.S. NUCLEAR REGULATORY COMMISSION ONLY IF THEY WISH TO POSSESS AND USE LICENSED MATERIAL
IN STATES SUBJECT TO U.S. NUCLEAR REGULATORY COMMISSION JURISDICTION.

1. THIS IS AN APPLICATION FOR (Check appropriate item):

- ☒ A. NEW LICENSE
- ☐ B. AMENDMENT TO LICENSE NUMBER _____
- ☐ C. RENEWAL OF LICENSE NUMBER _____

2. NAME AND MAILING ADDRESS OF APPLICANT (Include Zip Code):

Bradley International Service Co., Ltd.
52 Lowell Road
Winthrop, MA. 02152

3. ADDRESS(ES) WHERE LICENSED MATERIAL WILL BE USED OR POSSESSED:

225-229 Condor St.

East Boston, MA. 02118

4. NAME OF PERSON TO BE CONTACTED ABOUT THIS APPLICATION:

James R. Bradley

TELEPHONE NUMBER:

617-846-2659

SUBMIT ITEMS 5 THROUGH 11 ON 8 1/2 x 11" PAPER. THE TYPE AND SCOPE OF INFORMATION TO BE PROVIDED IS DESCRIBED IN THE LICENSE APPLICATION GUIDE.

5. RADIOACTIVE MATERIAL:

a. Element and mass number; b. chemical and/or physical form; and c. maximum amount
which will be possessed at any one time.

6. PURPOSE(S) FOR WHICH LICENSED MATERIAL WILL BE USED:

7. INDIVIDUAL(S) RESPONSIBLE FOR RADIATION SAFETY PROGRAM AND THEIR
TRAINING AND EXPERIENCE:

8. TRAINING FOR INDIVIDUALS WORKING IN OR FREQUENTING RESTRICTED AREAS:

9. FACILITY:

8510310118 850722
REG1 LIC30

PDR

10. RADIATION SAFETY PROGRAM:

11. WASTE:

12. LICENSEE FEES (See 10 CFR 170 and Section 170.31):

FEE CATEGORY 3P AMOUNT
ENCLOSED \$230.13. CERTIFICATION: (Must be completed by applicant) THE APPLICANT UNDERSTANDS THAT ALL STATEMENTS AND REPRESENTATIONS MADE IN THIS APPLICATION ARE
BINDING UPON THE APPLICANT.THE APPLICANT AND ANY OFFICIAL EXECUTING THIS CERTIFICATION ON BEHALF OF THE APPLICANT, NAMED IN ITEM 2, CERTIFY THAT THIS APPLICATION IS
PREPARED IN CONFORMITY WITH TITLE 10, CODE OF FEDERAL REGULATION, PARTS 30, 32, 33, 34, 35, AND 40 AND THAT ALL INFORMATION CONTAINED HEREIN,
IS TRUE AND CORRECT TO THE BEST OF THEIR KNOWLEDGE AND BELIEF.WARNING: 18 U.S.C. SECTION 1001 ACT OF JUNE 25, 1948, 62 STAT. 749 MAKES IT A CRIMINAL OFFENSE TO MAKE A WILLFULLY FALSE STATEMENT OR REPRESENTATION
TO ANY DEPARTMENT OR AGENCY OF THE UNITED STATES AS TO ANY MATTER WITHIN ITS JURISDICTION.

SIGNATURE—CERTIFYING OFFICER:

TYPED/PRINTED NAME:

James R. Bradley

TITLE:

President

DATE:

8 Feb. 1985

14. VOLUNTARY ECONOMIC DATA:

A. ANNUAL RECEIPTS:

☒ <\$250K

☐ \$250K-\$500K

☐ \$500K-\$750K

☐ \$750K-\$1M

\$1M-\$3.5M

\$3.5M-\$7M

\$7M-\$10M

>\$10M

B. NUMBER OF EMPLOYEES (Total for
entire facility excluding outside contractors):

2

C. NUMBER OF BEDS:

NA

D. WOULD YOU BE WILLING TO FURNISH COST INFORMATION (Dollar and/or staff hours)
ON THE ECONOMIC IMPACT OF CURRENT NRC REGULATIONS OR ANY FUTURE
PROPOSED NRC REGULATIONS THAT MAY AFFECT YOU? (NRC regulations permit
it to protect confidential commercial or financial proprietary information furnished to
the agency in confidence):☒ YES☐ NO

FOR NRC USE ONLY

TYPE OF FEE:

FEE LOG:

FEE CATEGORY:

COMMENTS:

APPROVED BY:

APPL.

Apr. 11

3P

voided after review - no
refund due - 1/2 decision
"OFFICIAL RECORD COPY"

Francis Brown

AMOUNT RECEIVED:

CHECK NUMBER:

DATE:

\$230

131

4/23/85

PRIVACY ACT STATEMENT ON THE REVERSE

ML10

03670

APR 15 1985

PRIVACY ACT STATEMENT

Pursuant to 5 U.S.C. 552a(e)(3), enacted into law by section 3 of the Privacy Act of 1974 (Public Law 93-579), the following statement is furnished to individuals who supply information to the Nuclear Regulatory Commission on NRC Form 313. This information is maintained in a system of records designated as NRC-3 and described at 40 Federal Register 45334 (October 1, 1975).

1. **AUTHORITY:** Sections 81 and 161(b) of the Atomic Energy Act of 1954, as amended (42 U.S.C. 2111 and 2201(b)).
2. **PRINCIPAL PURPOSE(S):** The information is evaluated by the NRC staff pursuant to the criteria set forth in 10 CFR Parts 30, 32, 33, 34, 35 and 40 to determine whether the application meets the requirements of the Atomic Energy Act of 1954, as amended, and the Commission's regulations, for the issuance of a radioactive material license or amendment thereof.
3. **ROUTINE USES:** The information may be (a) provided to State health departments for their information and use; and (b) provided to Federal, State, and local health officials and other persons in the event of incident or exposure, for their information, investigation, and protection of the public health and safety. The information may also be disclosed to appropriate Federal, State, and local agencies in the event that the information indicates a violation or potential violation of law and in the course of an administrative or judicial proceeding. In addition, this information may be transferred to an appropriate Federal, State, or local agency to the extent relevant and necessary for an NRC decision or to an appropriate Federal agency to the extent relevant and necessary for that agency's decision about you.
4. **WHETHER DISCLOSURE IS MANDATORY OR VOLUNTARY AND EFFECT ON INDIVIDUAL OF NOT PROVIDING INFORMATION:** Disclosure of the requested information is voluntary. If the requested information is not furnished, however, the application for radioactive material license, or amendment thereof, will not be processed. A request that information be held from public inspection must be in accordance with the provisions of 10 CFR 2.790. Withholding from public inspection shall not affect the right, if any, of persons properly and directly concerned need to inspect the document.
5. **SYSTEM MANAGER(S) AND ADDRESS:** U.S. Nuclear Regulatory Commission
Director, Division of Fuel Cycle and Material Safety
Office of Nuclear Material Safety and Safeguards
Washington, D.C. 20555

UNITED STATES
NUCLEAR REGULATORY COMMISSION
WASHINGTON, D.C. 20555

OFFICIAL BUSINESS
PENALTY FOR PRIVATE USE \$300

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WASH D.C.
PERMIT NO. 561

07 1W 22 88 58

5.-Radioactive Material

Hydrogen-3 (3H)	solid/liquid	10,000 mci
Carbon-14 (14C)	" "	1,000 mci
Phosphorous-32 (32P)	solid	100 mci
Iodine-125 (125I)	"	100 mci
Iodine-131 (131I)	"	100 mci
Gallium-67 (67Ga)	"	100 mci
Thallium-201 (201Tl)	"	100 mci
99mMo/99Tc Generator	"	50,000 mci

6.-Purpose(s) for which licensed material will be used.

The company has been created to engage in the international sales, marketing and distribution of U.S. manufactured goods. Products offered for sale will be directed to the life science research and medical diagnostic markets. Supply of products will be on demand and thus will not entail any inventory. Maximum anticipated time on hand of any single package will be one week.

The company will not use in any sense any radioactive material and the handling of same will be limited to physical distribution such as one would encounter in an air freight operation. Application for license is necessitated by the company's desire to take title to goods from a number of manufacturers with subsequent consolidation on a country destination basis.

7.-Individuals responsible for radiation protection program.

James R. Bradley, B.S. Chemistry/Physics, MBA.

Twenty five years experience in the nuclear industry as an employee of New England Nuclear/DuPont. The experience includes 15 years as an organic chemist engaged in the synthesis of labeled compounds and 2 years with responsibility for the packaging and inventory control of 1200 labeled products. The remaining experience was the international sales responsibility and physical distribution of labeled compound and isotopes and medical diagnostic products.

8.-Training for individuals.

Employees will be trained in the safe handling of radioactive material with full regard of the fact that handling will be limited to physical distribution and at no time will the integrity of the primary package or its shielding be comprised.

9.-Facilities and Equipment.

The facility for receipt of goods and preparation for transshipment consists of a one story building of stone construction and flat roof. Overall dimensions are 12 by 36 feet. Access to the facility is comprised of three 8 foot doors to effect access by trucks and other vehicles and a standard doorway for personnel use. The structure is sub-divided into three sections of approximately 12 by 12 feet. One section is to be utilized for administrative activities, a second to be utilized for the assembling and readying of packages for transportation and the third will be utilized for vehicle storage and future space requirements of the company.

10.- Radiation Safety Program.

Radiation safety will be limited to the education of personnel to the proper labeling of packages in order to meet the requirements of the U.S. Dept. of Transportation and the International Air Transport Association (IATA). Personnel will be required to employ work practices that will limit the exposure by minimizing time spent handling or in close proximity to packages containing isotopes.

The company expects to fully utilize services offered by manufacturers of the radioactive materials in providing information to educate and/or alleviate concerns which often arise in operations which support manufacturing or in the physical distribution of goods. An example can be found in policies adopted by New England Nuclear which regularly provided education to airline freight handlers to alleviate concerns of the handlers and gain expeditious movement of goods for the company.

11.-Waste Management.

Since this application for license is for possession and not for use the company sees no situation which will require a waste management program. In the event that goods for which the company has taken title to are damaged in transit the company expects and will negotiate all contracts such that manufacturers, who must have waste management and disposal programs, will retain responsibility for collection and disposal of damaged goods.

BETWEEN: William O. Miller, Chief
License Fee Management Branch
Office of Administration

John E. Glenn, Chief
Nuclear Materials Section B
Division of Engineering and
Technical Programs

LICENSE FEE TRANSMITTAL

A. REGION I

1. APPLICATION ATTACHED

Applicant/Licensee: Bradley International Service Company, Ltd.

Application Dated: 2/8/85

Control No.: 03670

License No.: New

2. FEE ATTACHED

Amount: \$ 230.00

Check No.: 131

3. COMMENTS

Signed Brenda Platchel

Date 4/16/85

03
B. LICENSE FEE MANAGEMENT BRANCH

1. Fee Category and Amount: New 3P \$230

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

Amendment _____

Renewal _____

License ✓

Signed Francis Brown

Date 4/23/85 4/25/85

NOTE TO: License Fee Management Branch, ADM

FROM: Region I

SUBJECT: VOIDED APPLICATION

Control Number

103670

Applicant

Bradley International

Date Voided

9-24-85

Reason for Void

John Glenn abandoned for
lack of response.

Signature

SLJ

Attachment:
Application

Glenda

This is a new application being
abandoned not voided.

OK LFMB
no refund due

SLJ

ML1041