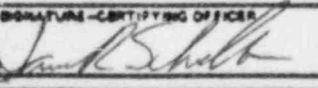


APPENDIX A

NRC FORM 515 11-84 16 CFR 26.32, 26.34, 26 and 49		APPLICATION FOR MATERIAL LICENSE		U.S. NUCLEAR REGULATORY COMMISSION APPROVED BY GMS FNU-5150 Replaces 5-21-87
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 20545 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 SOUTH CAROLINA SOUTH DAKOTA TEXAS VIRGINIA VIRGIN ISLANDS WEST VIRGINIA U.S. NUCLEAR REGULATORY COMMISSION REGION I NUCLEAR MATERIAL SECTION B 931 PARK AVENUE EAGLE OF PRUDEN, PA 19828 ALABAMA FLORIDA GEORGIA KENTUCKY MISSISSIPPI NORTH CAROLINA PUERTO RICO SOUTH CAROLINA TENNESSEE VIRGINIA VIRGIN ISLANDS OR WEST VIRGINIA U.S. NUCLEAR REGULATORY COMMISSION REGION II MATERIAL RADIATION PROTECTION SECTION 191 MARITIME STREET, SUITE 2000 ATLANTA, GA 30333		IF YOU ARE LOCATED IN: ILLINOIS INDIANA IDAHO MINNESOTA MISSOURI OHIO OR WISCONSIN, SEND APPLICATIONS TO: U.S. NUCLEAR REGULATORY COMMISSION, REGION III MATERIAL LICENSING SECTION 789 ROOSEVELT ROAD GLEN ELLYN, IL 60137 ARIZONA COLORADO HAWAII 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 911 RYAN PLAZA DRIVE, SUITE 1900 ARLINGTON, TX 76011 ALASKA 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 1660 MARIA LANE, SUITE 210 SEALY CREEK, CA 94968		
PERSONS 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) <input type="checkbox"/> A. NEW LICENSE <input type="checkbox"/> B. AMENDMENT TO LICENSE NUMBER _____ <input checked="" type="checkbox"/> C. RENEWAL OF LICENSE NUMBER <u>21-06046-03</u>		2. NAME AND MAILING ADDRESS OF APPLICANT (Item 3c & d) Packaging Corporation of America 5401 Old Orchard Road Skokie, IL 60077		
3. ADDRESSES WHERE LICENSED MATERIAL WILL BE USED OR POSSESSED Packaging Corporation of America 5401 Old Orchard Road Skokie, IL 60077				
4. NAME OF PERSON TO BE CONTACTED ABOUT THIS APPLICATION C. R. Baeuerlin				TELEPHONE NUMBER (312) 470-2316
SUBMIT ITEMS 5 THROUGH 11 ON SA-11 PAPER. THE TYPE AND SCOPE OF INFORMATION TO BE PROVIDED IS DESCRIBED IN THE LICENSE APPLICATION GUIDE.				
5. RADIOACTIVE MATERIAL a. Isotopes and mass number, b. chemical 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. FBI 8801280250 870526 REG3 LIC30 12-24965-01 PDR		10. RADIATION SAFETY PROGRAM		
11. EPA		12. LICENSEE FEES (See 16 CFR 170 and Section 170.31) FEE CATEGORY _____ AMOUNT ENCLOSED \$ _____		
13. CERTIFICATION: Must be completed by applicant. THE APPLICANT UNDERSTANDS THAT ALL STATEMENTS AND REPRESENTATIONS MADE IN THIS APPLICATION ARE TRUE AND CORRECT TO THE BEST OF THEIR KNOWLEDGE AND BELIEF. THE APPLICANT AND ANY OFFICIAL ENDORSING 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 REGULATIONS, PARTS 20, 32, 33, 34, 35, AND 40 AND THAT ALL INFORMATION CONTAINED HEREIN IS TRUE AND CORRECT TO THE BEST OF THEIR KNOWLEDGE AND BELIEF. SIGNING IN U.S.C. SECTION 1801 ACT OF JUNE 30, 1906, §2 THAT HE 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. Schnulle		TITLE Facilities Manager
DATE 4/29/87				
14. VOLUNTARY ECONOMIC DATA				
a. ANNUAL REVENUE <\$500K _____ \$1M-\$5M _____ \$500K-\$999K _____ \$5M-\$9M _____ \$1M-\$4.9M _____ \$10M-\$14.9M _____ \$5M-\$9.9M _____ >\$15M _____		b. NUMBER OF EMPLOYEES (If less than 10, specify exact number) _____ c. NUMBER OF YEARS _____ YES <input type="checkbox"/> NO <input type="checkbox"/>		
d. SHOULD YOU BE WILLING TO FURNISH COST INFORMATION (Enter cost per hour) 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 information—information furnished to the agency is confidential) YES <input type="checkbox"/> NO <input type="checkbox"/>				
FOR NRC USE ONLY				
TYPE OF FEE and May 12 1987		FEE CATEGORY 30		COMMENTS RECEIVED MAY 04 1987 EXEMPTED CONTROL NO. 83498 REGION III
AMOUNT RECEIVED		ENCLOSURE NUMBER		APPROVED BY DATE 5/12/87

MATERIALS LICENSE

Amendment Number 02

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 1, Parts 30, 31, 32, 33, 34, 35, 36, 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); and to import such byproduct and source material. 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 1. Packaging Corporation of America 5401 Old Orchard Road 470 X Market X S W X Grand X Rapids X Michigan X 49502 2. Skokie, IL 60077		In accordance with application dated October 12, 1981, 3. License number 21-06046-03 is amended in its entirety to read as follows: 4. Expiration date May 31, 1987 5. Docket or Reference No.
6. Byproduct, source, and/or special nuclear material A. Nickel 63	7. Chemical and/or physical form A. Plated source in Hewlett Packard Model 18803-60520 Cells	8. Maximum amount that licensee may possess at any one time under this license A. Not to exceed 15 millicuries per source
9. Authorized use A. For use in gas chromatographs for sample analysis.		

CONDITIONS

10. Licensed material shall be used only at the licensee's facilities at ~~470 X Market~~
~~Avenue X S W X Grand Rapids X Michigan X~~ 5401 Old Orchard Rd., Skokie, IL 60077
11. The licensee shall comply with the provisions of Title 10, Chapter 1, Code of Federal Regulations, Part 19, "Notices, Instructions and Reports to Workers; Inspections" and Part 20, "Standards for Protection Against Radiation."
12. Licensed material shall be used by, or under the supervision of, ~~Harold A. Krueger~~
 C. R. Baeuerlin
13. In lieu of using the conventional radiation caution colors (magenta or purple on yellow background) as provided in Section 20.203(a)(1), Title 10, Code of Federal Regulations, Part 20, the licensee is hereby authorized to label detector cells and cell baths, containing licensed material and used in gas chromatography devices, with conspicuously etched or stamped radiation caution symbols without a color requirement. ~~8706180202 HPP~~

MATERIALS LICENSE
SUPPLEMENTARY SHEET

License number

21-06046-03

Docket or Reference number

Amendment Number 02

Continued from Page 1

CONDITIONS:

14. A. Each chromatograph detector cell containing Nickel-63 shall be tested for leakage and/or contamination at intervals not to exceed six (6) months. In the absence of a certificate from a transferor indicating that a test has been made within six (6) months prior to the transfer, a detector cell received from another person shall not be put into use until tested.
- B. The test shall be capable of detecting the presence of 0.005 microcurie of radioactive material on the test sample. The test sample shall be taken from the surfaces of the device in which the Nickel-63 is mounted or stored on which one might expect contamination to accumulate. Records of leak test results shall be kept in units of microcuries and maintained for inspection by the Commission.
- C. If the test reveals the presence of 0.005 microcurie or more of removable contamination, the licensee shall immediately withdraw the detector cell from use and shall cause it to be decontaminated and repaired or to be disposed of in accordance with Commission regulations. A report shall be filed within five (5) days of the test with the U. S. Nuclear Regulatory Commission, Region III, Office of Inspection and Enforcement, 799 Roosevelt Road, Glen Ellyn, Illinois 60137, describing the equipment involved, the test results, and the corrective action taken.
- D. Tests for leakage and/or contamination shall be performed by the licensee or by other persons specifically authorized by the Commission or an Agreement State to perform such services.
- E. The licensee is authorized to collect leak test samples in accordance with the procedures described in the licensee's application dated October 12, 1981 for analysis by Siemens Gammasonics, Inc.
15. Detector cells containing licensed material shall not be opened or the foil sources removed from the detector cell by the licensee.
16. The licensee shall conduct a physical inventory every six (6) months to account for all foils and plated sources received and possessed under the license. The records of the inventories shall be maintained for two (2) years from the the date of the inventory for inspection by the Commission, and shall include the quantities and kinds of byproduct material, location of foils and plated sources, and the date of the inventory.

MATERIALS LICENSE
SUPPLEMENTARY SHEET

License number

21-06046-03

Docket or Reference number

Amendment Number 02

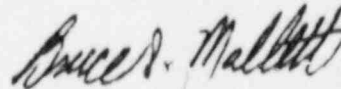
Continued from Page 2

CONDITIONS:

18. Maintenance, repair, cleaning, replacement and disposal of foils contained in detector cells shall be performed only by the device manufacturer or other persons specifically authorized by the Commission or an Agreement State to perform such services.
19. Except as otherwise specified in this license, the licensee shall have available and follow the instructions contained in the manufacturer's instruction manual for the chromatography device.
20. Except as specifically provided otherwise by this license, the licensee shall possess and use licensed material described in Items 6, 7, and 8 of this license in accordance with statements, representations, and procedures contained in application dated October 12, 1981. The Nuclear Regulatory Commission's regulations shall govern the licensee's statements in applications or letters, unless the statements are more restrictive than the regulations.

MAY 27 1982

For the U.S. Nuclear Regulatory Commission

By Material Licensing Branch
Division of Fuel Cycle and
Material Safety
Washington, D.C. 20555

PART 170 • FEES FOR FACILITIES AND MATERIALS LICENSES...

SCHEDULE OF FEES FOR MATERIALS LICENSES
AND OTHER REGULATORY SERVICES—Con-
tinued

Category of materials licenses and type of fee	Fee
H. Licenses issued pursuant to subpart A of Part 32 of this chapter to distribute items containing byproduct material that require device review to persons exempt from the licensing requirements of Part 30 of this chapter except specific licenses authorizing redistribution of items that have been authorized for distribution to persons exempt from the licensing requirements of Part 30 of this chapter	
Application-New license	\$540
Renewal	\$230
Amendment	\$120
I. Licenses issued pursuant to subpart A of Part 32 of this chapter to distribute items containing byproduct material or quantities of byproduct material that do not require device evaluation to persons exempt from the licensing requirements of Part 30 of this chapter except for specific licenses authorizing redistribution of items that have been authorized for distribution to persons exempt from the licensing requirements of Part 30 of this chapter	
Application-New license	\$290
Renewal	\$230
Amendment	\$60
J. Licenses issued pursuant to subpart B of Part 32 of this chapter to distribute items containing byproduct material that require sealed source and/or device review to persons generally licensed under Parts 31 or 35 of this chapter, except specific licenses authorizing redistribution of items that have been authorized for distribution to persons generally licensed under Parts 31 or 35 of this chapter	
Application-New license	\$1,200
Renewal	\$700
Amendment	\$230
K. Licenses issued pursuant to subpart B of Part 32 of this chapter to distribute items containing byproduct material or quantities of byproduct material that do not require sealed source and/or device review to persons generally licensed under Parts 31 or 35 of this chapter, except for specific licenses authorizing redistribution of items that have been authorized for distribution to persons generally licensed under Parts 31 or 35 of this chapter	
Application-New license	\$290
Renewal	\$230
Amendment	\$60
L. License of broad scope for possession and use of byproduct material issued pursuant to Parts 30 and 33 of this chapter for research and development that do not authorize commercial distribution	
Application-New license	\$1,200
Renewal	\$700
Amendment	\$120
M. Other licenses for possession and use of byproduct material issued pursuant to Part 30 of this chapter for research and development that do not authorize commercial distribution	
Application-New license	\$700
Renewal	\$480
Amendment	\$120
N. Licenses that authorize services for other licenses, except for leak testing and waste disposal pickup services	
Application-New license	\$930
Renewal	\$630
Amendment	\$120

SCHEDULE OF FEES FOR MATERIALS LICENSES
AND OTHER REGULATORY SERVICES—Con-
tinued

Category of materials licenses and type of fee	Fee
O. Licenses for possession and use of byproduct material issued pursuant to Part 34 of this chapter for industrial radiography operations	
Application-New license	\$700
Renewal	\$700
Amendment	\$230
P. License of broad scope for possession and use of byproduct material issued pursuant to Part 34 of this chapter for industrial radiography operations	
Application-New license	\$230
Renewal	\$190
Amendment	\$60
4. Waste disposal	
A. Licenses specifically authorizing the receipt of waste byproduct material, source material, or special nuclear material from other persons for the purpose of commercial disposal by land burial by the licensee, or licensee authorizing contingency storage of low level radioactive waste at the site of nuclear power reactors, or licensee for treatment or disposal by incineration, packaging of residues resulting from incineration and transfer of packages to another person authorized to receive or dispose of waste material	
Application	\$150
License	\$803,700
Renewal	\$285,800
Amendment	\$48,400
B. Licenses specifically authorizing the receipt of waste byproduct material, source material, or special nuclear material from other persons for the purpose of packaging or repackaging the material. The licensee will dispose of the material by transfer to another person authorized to receive or dispose of the material	
Application-New license	\$1,400
Renewal	\$630
Amendment	\$350
C. Licenses specifically authorizing the receipt of prepackaged waste byproduct material, source material, or special nuclear material from other persons. The licensee will dispose of the material by transfer to another person authorized to receive or dispose of the material	
Application-New license	\$930
Renewal	\$480
Amendment	\$120
5. Well logging	
A. Licenses specifically authorizing use of byproduct material, source material, and/or special nuclear material for well logging, well surveys, and tracer studies other than field flooding tracer studies	
Application-New license	\$700
Renewal	\$700
Amendment	\$170
B. Licenses specifically authorizing use of byproduct material for field flooding tracer studies	
Application	\$150
License	Full cost
Renewal	Full cost
Amendment	Full cost
6. Nuclear burnings	
A. Licenses for commercial collection and laundry of items contaminated with byproduct material, source material, or special nuclear material	
Application-New license	\$700
Renewal	\$700
Amendment	\$170
7. Human use of byproduct source, or special nuclear material	

SCHEDULE OF FEES FOR MATERIALS LICENSES
AND OTHER REGULATORY SERVICES—Con-
tinued

Category of materials licenses and type of fee	Fee
A. Licenses issued pursuant to Parts 30, 40, and 70 of this chapter for human use of byproduct material, source material, or special nuclear material in sealed sources contained in teletherapy devices	
Application-New license	\$580
Renewal	\$350
Amendment	\$230
B. Licenses of broad scope issued to medical institutions or two or more physicians pursuant to Parts 30, 33, 35, 40, and 70 of this chapter authorizing research and development, including human use of byproduct material, except licenses for byproduct material, source material, or special nuclear material in sealed sources contained in teletherapy devices	
Application-New license	\$1,200
Renewal	\$700
Amendment	\$120
C. Other licenses issued pursuant to Parts 30, 35, 40, and 70 of this chapter for human use of byproduct material, source material, and/or special nuclear material, except licenses for byproduct material, source material, or special nuclear material in sealed sources contained in teletherapy devices	
Application-New license	\$580
Renewal	\$580
Amendment	\$120
8. Civil defense	
A. Licenses for possession and use of byproduct material, source material, or special nuclear material for civil defense activities	
Application-New license	\$290
Renewal	\$230
Amendment	\$60
9. Device, product or sealed source safety evaluation	
A. Safety evaluation of devices or products containing byproduct material, source material, or special nuclear material, except reactor fuel devices, for commercial distribution	
Application—each device	\$1,800
Amendment—each device	\$180
B. Safety evaluation of devices or products containing byproduct material, source material, or special nuclear material manufactured in accordance with the unique specifications of, and for use by a single applicant, except reactor fuel devices	
Application—each device	\$800
Amendment—each device	\$290
C. Safety evaluation of sealed sources containing byproduct material, source material, or special nuclear material, except reactor fuel, for commercial distribution	
Application—each source	\$350
Amendment—each source	\$120
D. Safety evaluation of sealed sources containing byproduct material, source material, or special nuclear material, manufactured in accordance with the unique specifications of, and for use by a single applicant, except reactor fuel	
Application—each source	\$175
Amendment—each source	\$60

CONVERSATION RECORD

TIME

4/10/87

DATE

4/10

TYPE

☐ VISIT

☐ CONFERENCE

☒ TELEPHONE

☐ INCOMING

☒ OUTGOING

ROUTING

NAME/SYMBOL

INT

Location of Visit/Conference:

NAME OF PERSON(S) CONTACTED OR IN CONTACT WITH YOU

Curt Weyman

ORGANIZATION (Office, dept., bureau, etc.)

Packaging Corp
& America

TELEPHONE NO.

497-5713

SUBJECT

SUMMARY

letter clarifying renewal notification of license dtd 3/31/87

Mr Weyman ~~was~~ was informed that the license listed

a gas chromatograph. The facility that was licensed has

closed & g.c is now in Illinois. He stated he will submit a

request to terminate Michigan license and transfer to Illinois.

Jim Schunle (470-0080) 5501 Old Orchard Rd,

Shaker, ↑

60077

C. now located at this address:

for GC
fee \$120
\$60

ACTION REQUIRED

NAME OF PERSON INITIATING CONVERSATION

SIGNATURE

DATE

Barb Glenn

4/10/87

SIGNATURE

TITLE

DATE