

APPLICATION FOR MATERIAL LICENSE

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 20555

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
631 PARK AVENUE
KING OF PRUSSIA, PA 19406

ALABAMA, 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 60137

ARKANSAS, 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 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
1450 MARIA LANE, SUITE 210
WALNUT CREEK, CA 94596

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)

- ☐ A. NEW LICENSE
☐ B. AMENDMENT TO LICENSE NUMBER _____
☒ C. RENEWAL OF LICENSE NUMBER 18-10765-02

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

International Paper Company
Androscoggin Mill
Jay, ME 04239

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

International Paper Company
Androscoggin Mill
Jay, ME 04239

4. NAME OF PERSON TO BE CONTACTED ABOUT THIS APPLICATION

Peter Crosson

TELEPHONE NUMBER

(207)897-3431 X 487

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. FACILITIES AND EQUIPMENT.

10. RADIATION SAFETY PROGRAM.

11. WASTE MANAGEMENT.

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

FEE CATEGORY 3-P AMOUNT
ENCLOSED \$ 120.00

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 REGULATIONS, 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

TITLE

DATE

Peter D. Crosson

Peter D. Crosson

Instrument Foreman

12/21/84

a. ANNUAL RECEIPTS

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

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
agency in confidence)

<\$250K	\$1M-3.5M
\$250K-500K	\$3.F
\$500K-750K	\$7M
\$750K-1M	>\$

8505290595 850506
REG1 LIC30
18-10765-02 PDR

YES

NO

FOR NRC USE ONLY

TYPE OF FEE

FEE LOG

FEE CATEGORY

COMMENTS

AMOUNT RECEIVED

CHECK NUMBER

\$120

800925

"OFFICIAL RECORD COPY"

ML10

03262

APPROVED BY

DATE

1/2/84

26 DEC 1984

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

ANCH

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V.				MAX. NO. OF MILLICURIES AND/OR- SEAL SOURCES AND MAX. ACTIVITY PER SOURCE WHICH WILL BE POSSESSED AT ANY ONE TIME
LINE	ELEMENT AND MASS NO.	CHEMICAL AND/OR PHYSICAL FORM	MANUFACTURER & MODEL NO.	
1	CESIUM-137	Sealed source	Ohmart Md. A-2102	50 millicuries
2	CESIUM-137	Sealed source	Ohmart Md. A-2102	3000 millicuries
3	CESIUM-137	Sealed source	General Radiosotope Products Md. 850233	1000 millicuries
4	CESIUM-137	Sealed source	General Radiosotope Products Md. 850233	500 millicuries
5	CESIUM-137	Sealed source	Texas Nuclear Md. 570-57157C	20 millicuries
6	CESIUM-137	Sealed source	Texas Nuclear Md. 570-57157C	Five sources of 200 millicuries each
7	CESIUM-137	Sealed source	New England Nuclear Md. NER-570	50 millicuries
8	CESIUM-137	Sealed source	Kay Ray Model 7700-E	200 millicuries
9	CESIUM-137	Sealed source	Texas Nuclear Md 570-57157C	500 millicuries

VI.

LINE	USE AND STORAGE OF SEALED SOURCES
1	To be used in an Ohmart source holder Model SHRM-PA to detect the level of a material in a chute.
2	To be used in an Ohmart source holder Model HM-8 for measurement of density in a pipe.
3	To be used in a Kay-Ray source holder Model 7051 to measure density in a pipe.
4	To be used in a Kay-Ray source holder Model 7050 to measure density in a pipe.
5	To be used in a Texas Nuclear source holder Model 5189 to measure the level of material in a chute.
6	Each of these is to be used in a Texas Nuclear source holder Model 5190 to measure the density in five (5) different pipe lines.
7	To be used in a Kay-Ray source holder Model 7062 to measure the level of material in a bin.
8	For use in Kay-Ray Model 7063 source holder for level indication in a bark bin.
9	For use in a Texas Nuclear source holder Model 5191 to measure the density in a pipe.

All of the above listed devices, including our Kay-Ray devices, will be serviced by Industrial Nucleonics.

- VII. Licensed material should be used by, or under the supervision of Peter B. Crosson, Fred Franchetti and Richard Dorey. They all have certified nuclear training.
- VIII. The above-named individuals have successfully completed the Installation and Nuclear Radiation Safety course offered by Kay-Ray, Inc. This training course consists of formal discussions, practical applications, leak testing, specific instainstallation discussions, and hands-on installation completion with related forms for records keeping.
- IX. Equipment used is a Geiger Counter manufactured by Kay-Ray (Eberline) Model E-120 which detects Beta and Gamma radiation with a sensitivity of 0 to 7000 milliroentgens/hours.
- X. The radiation safety program for the sealed sources is our lockout procedures.
- If maintenance is required inside a vessel having a radioactive device, the Vessel Entry Procedure for that vessel will require the Radiation Safety Officer to be notified. The device must be locked in the closed position with a "Danger" tag on the lock to assure that the lock is opened only by the person who locked it. The person responsible for enforcing this procedure is Peter Crosson, Radiation Safety Officer.
- If maintenance is required around a pipe, no special precautions need to be taken because of the tightly collimated beam of the source. Maintenance on the detector would require that the source. Maintenance on the detector would require that the source be in the locked close position.
- XI. In the case of disposing a device, the sealer source is returned to the original vendor with proper notification to the U.S. Nuclear Regulatory Commission.

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SL:mlb

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: International Paper Company

Application Dated: 12/21/84

Control No.: 03262

License No.: 18-10765-02

2. FEE ATTACHED

Amount: \$ 120.00

Check No.: 800925

3. COMMENTS

Signed Brenda Platchek

Date 12/26/84

B. LICENSE FEE MANAGEMENT BRANCH

1. Fee Category and Amount: 3P \$120

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

Amendment

Renewal ✓

License

Signed Frances Brown

Date 1/2/85