

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 _____

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

FAIRCHILD BROTHERS, INC.
P.O. BOX 198
WINFIELD, PA. 17889

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

FELMEY ROAD, WINFIELD, PA., AND TEMPORARY JOB SITES THROUGHOUT PA., MD., VA., N.Y. & N.J.
WHERE THE U.S. NUCLEAR REGULATORY COMMISSION MAINTAINS JURISDICTION OVER THE USE OF
BY-PRODUCT MATERIAL.

4. NAME OF PERSON TO BE CONTACTED ABOUT THIS APPLICATION

ANDY J. MAST

TELEPHONE NUMBER

(717) 524-9255

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

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REG 1 LIC 30
37-20931-01 PDR

10. RADIATION SAFETY PROGRAM.

11. WASTE MANAGEMENT.

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

FEE CATEGORY 3P AMOUNT
ENCLOSED \$ 230.00

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

Bruce W. Boynton

BRUCE W. BOYNTON

SEC./TREASURER

10/25/85

14. VOLUNTARY ECONOMIC DATA

a. ANNUAL RECEIPTS

<\$250K	<input checked="" type="checkbox"/>	\$1M-3.5M
\$250K-500K	<input type="checkbox"/>	\$3.5M-7M
\$500K-750K	<input type="checkbox"/>	\$7M-10M
\$750K-1M	<input type="checkbox"/>	>\$10M

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

22

c. NUMBER OF BEDS

N/A

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

FOI NRC USE ONLY

TYPE OF FEE

FEE LOG

FEE CATEGORY

COMMENTS

APPROVED BY

AMOUNT RECEIVED

CHECK NUMBER

DATE

App.

Nov 2 - I 3P

"OFFICIAL RECORD COPY" 104567

W. J. Cleaver

\$230

8605

ML10

OCT 28 1985

11/9/85

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

U.S. NUCLEAR REGULATORY COMMISSION
FUEL CYCLE AND MATERIAL SAFETY DIVISION
OFFICE OF NUCLEAR MATERIAL SAFETY AND SAFEGUARDS

NOV - 7 10:59

RECEIVED

NOV 8 1988

SUPPLEMENT TO NRC FORM 313
APPLICATION FOR MATERIAL LICENSE

FAIRCHILD BROTHERS, INC.

- | 5. | a.
Radionuclei | b.
Metal Solid Form | c.
Troxler Drawing # | d.
Maximum Amount |
|----|-------------------|------------------------|-------------------------|------------------------------------|
| A. | Cs-137 | Special Form | A-102112 | Not to exceed
9 mCi per source |
| B. | Am-241:Be | Special Form | A-102451 | Not to exceed
44 mCi per source |
6. To be used in Troxler Model 3400 Series Surface Moisture/Density Gauge for the purpose of measuring moisture and density of construction materials.
7. Andy J. Mast. Training per Troxler Nuclear Gauge Training Course.
8. Any personnel before operating the gauge, will have, at a minimum, attended a Troxler Nuclear Gauge Training Course. Certificates indicating completion of the course will be kept on file by the Radiation Safety Officer.
9. The attached sketch shows the storage area for the gauge when not in use. The gauge will be stored in a locked wooden storage cabinet. Keys for this cabinet will be retained by Andy J. Mast, and will not be available to any personnel not trained in the use of the gauge. There are no occupied areas within this building; nearest occupied area is in a separate building approximately 55' from the storage area.
10. See attached Radiation Safety Program.
11. Disposal of the material (gauge) will only be by, transfer to another licensed user, return to Troxler Electronic Laboratories, or at a NRC licensed burial site.

RADIATION SAFETY PROGRAM

FAIRCHILD BROTHERS, INC.

I RADIATION SAFETY OFFICER:

Andy J. Mast is the authorized Radiation Safety Officer for Fairchild Brothers, Inc., and as such will be responsible for, but not be limited to, the following duties:

1. Ensure that all regulations, terms, and conditions of the NRC are adhered to, and to maintain such records as are required.
2. Up-dating of application/license as required.
3. Ensure that only trained personnel are to have access to or use the equipment, and that each user wears personnel monitoring equipment.
4. Perform leak testing as required, and maintain records of such.
5. To contact proper authorities in the event of damage to, or theft of the equipment.
6. Ensure that Storage Area is secured, and posted with Radioactive Material Caution Signs, and NRC Form 3, "Notice to Employees".
7. Maintain Certificates of Trained Users, and Personnel Exposure Records.
8. Maintain Utilization Record at the Storage Area, indicating location of the equipment, user, and dates of removal and return.

II OPERATIONAL PROCEDURES:

A. Transporting:

1. Equipment will only be transported in an approved D.O.T. Case.
2. User shall have at all times while transporting the equipment, a proper Bill of Lading, Personal Identification, Source Certificate and a copy of the current license.
3. Equipment will not be transported in the passenger compartment of any vehicle.
4. Equipment shall be locked in suitable vehicle storage compartment, or securely fastened and locked to vehicle bed.

B. Utilization Procedure:

1. Equipment will be used only by authorized personnel of Fairchild Brothers, Inc. We will maintain complete control over the gauge, and ensure that it is not left unattended.

RADIATION SAFETY PROGRAM

FAIRCHILD BROTHERS, INC.

B. Utilization Procedure: (continued)

2. The gauge will be returned to the permanent storage facility when not in use.
3. All users shall wear a Radiation Detection Device which monitors both Gamma and Neutron radiation. Device shall be Film Badge Type B1 (R.S. Landaver & Co., 312-755-700). When not in use, Badge(s) shall be kept at a designated, radiation-free location at the home office.
4. The gauge will be used in strict conformance with manufacturer's instruction, and only for the use for which it is intended.

C. Maintenance:

1. Only periodic maintenance as instructed by the manufacturer will be performed on the gauge by company personnel. Under no circumstances will maintenance involve removal of the radioactive source.
2. Leak testing will be performed by the Radiation Safety Officer at intervals not exceeding six (6) months. Testing will be by Troxler Model 3880 Leak Test Kit and applicable instructions.
3. Any person performing maintenance or leak testing on the gauge will at all times wear the Radiation Detection Badge.
4. The gauge will be returned to the manufacturer for all maintenance or repairs involving removal of the radioactive source.

III EMERGENCY PROCEDURES:

A. Physical Damage

1. Cordon off area for at least a 15' radius around the gauge.
2. If a vehicle is involved, do not proceed further until extent of any contamination is established.
3. The gauge is to be visually inspected for damage to the source housing and/or shielding.
4. Notify Andy J. Mast at (717) 524-9255 for instructions, at the earliest possible time when the situation is under control.
5. A copy of these procedures will be carried with the gauge at all times.

FAIRCHILD BROTHERS, INC.

P. O. Box 198
WINFIELD, PA 17889
(717) 524-9255

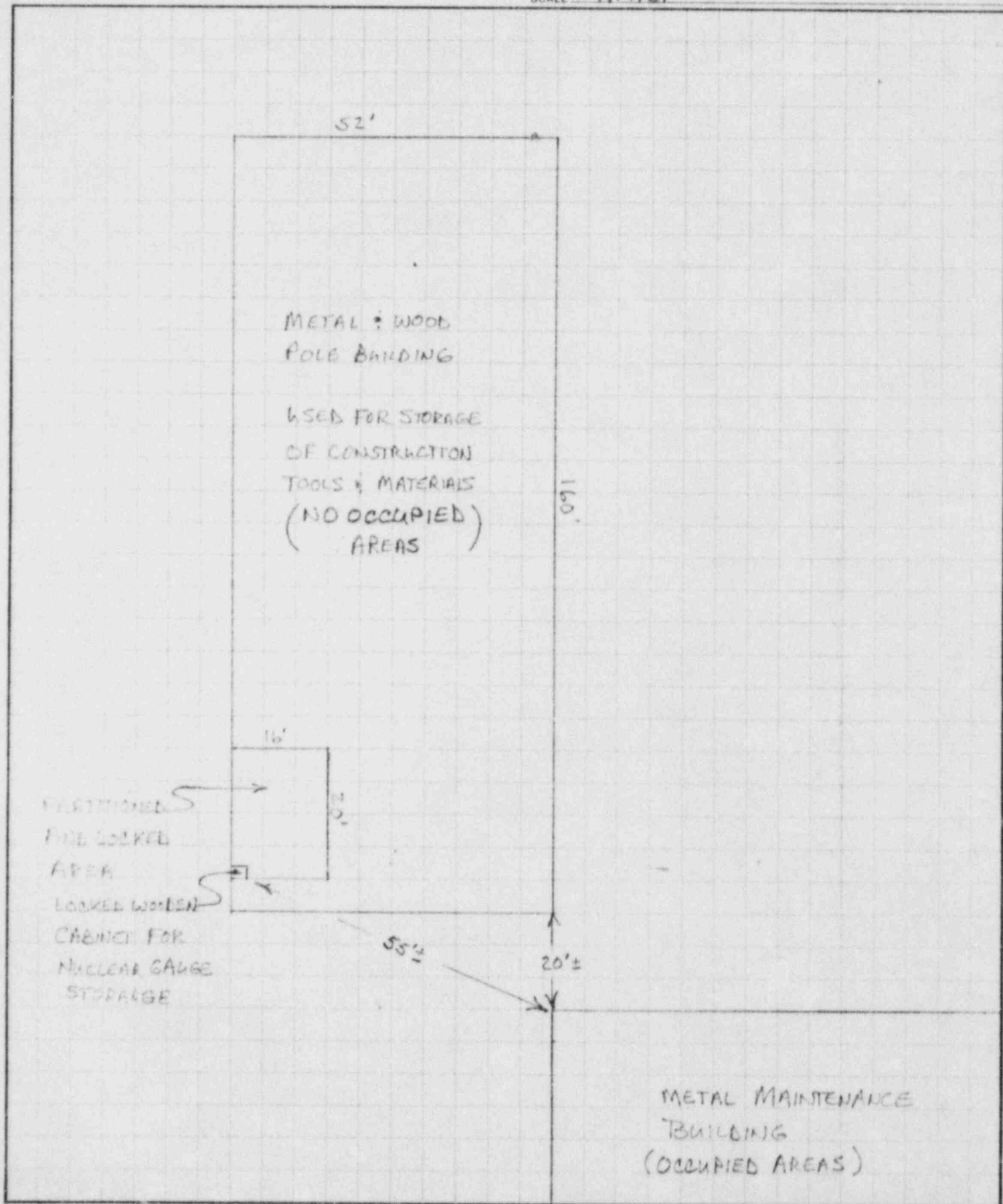
JOB PROPOSED NUCLEAR GAUGE STORAGE

SHEET NO. _____ OF _____

CALCULATED BY _____ DATE _____

CHECKED BY _____ DATE _____

SCALE N.T.S.



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: Fairchild Brothers, Inc.
Application Dated: 10/25/85
Control No.: 104567
License No.: NEW

2. FEE ATTACHED

Amount: \$ 230.00
Check No.: 8605

3. COMMENTS

LM 803

Signed Brenda Pilatobk
Date 11/1/85

B. LICENSE FEE MANAGEMENT BRANCH

1. Fee Category and Amount: - \$230 - 3P
2. Correct Fee Paid. Application may be processed for:
- Amendment _____
- Renewal _____
- License ✓

Signed B. Jackson
Date 11/9/85

"SECTION COPY"

FAIRCHILD BROTHERS, INC.

P. O. BOX 198
WINFIELD, PA 17889

NORTHERN CENTRAL BANK
SUNBURY, PA 17801

No 8605

60-196
313

CHECK NO.

OCT. 25, 1985

DATE

\$230.00

AMOUNT

PAY
TO THE
ORDER
OF

TWO HUNDRED, THIRTY — 00/100 DOLLARS

U. S. NUCLEAR REGULATORY COMMISSION

FAIRCHILD BROTHERS, INC.

Ronald L. Brynston
AUTHORIZED SIGNATURE

⑈008605⑈ ⑆031301969⑆9200⑈021⑈5⑈