

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.

APPLICATIONS FOR DISTRIBUTION OF EXEMPT PRODUCTS 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 HAMPSHIRE, NEW JERSEY, NEW YORK, PENNSYLVANIA,
RHODE ISLAND, OR VERMONT, SEND APPLICATIONS TO:

U.S. NUCLEAR REGULATORY COMMISSION, REGION I
NUCLEAR MATERIALS SAFETY SECTION B
475 ALLENDALE ROAD
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
NUCLEAR MATERIALS SAFETY 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:

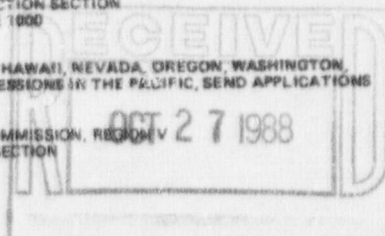
U.S. NUCLEAR REGULATORY COMMISSION, REGION III
MATERIALS LICENSING SECTION
799 ROOSEVELT ROAD
GLEN ELLYN, IL 60137

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
NUCLEAR MATERIALS SAFETY SECTION
1480 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 STATE 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 22-15745-01

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

Otter Tail Power Company
Big Stone Plant
P. O. Box 218
Big Stone City, SD 57216
ATTN: Tom Bue

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

Big Stone Plant
Section 12 T 121N R47W
Big Stone City, SD 57216

4. NAME OF PERSON TO BE CONTACTED ABOUT THIS APPLICATION

Tom Bue - Electrical Supervisor

TELEPHONE NUMBER

605-862-8125

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 170.3 (3-E) AMOUNT ENCLOSED \$ 170.00

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

Donald F. Vraspir

Donald F. Vraspir

Senior Vice President,
Engineering & Operations

10/25/88

B907280176 B90508
REG4 LIC30
40-26972-01 PDR

FOR NRC USE ONLY

TYPE OF FEE	FEE LOG	FEE CATEGORY	COMMENTS	APPROVED BY
Ren	Oct-5-IV	3P	Renewal OK for new license to existing state. See 5/16/89 note + file -	Kr. Krenier
AMOUNT RECEIVED	CHECK NUMBER			DATE
\$170.00 (50 refund)	8868			10/31/88

462432

462224

5. a. Cesium 131 b. sealed source c. four units, 50 millicuries each.

6. The source units are used in four coal vessel level gauges.

7. Don Buth - Foreman Power Plant Technicians
Ed Kloster - Power Plant Technician

The individuals named have been trained by the manufacturer at the time of installation of the Kay-Ray equipment. All use of the equipment containing sealed sources is routine and does not involve installation, relocation or removal from service.

8. No other users beyond the individuals named in Item 7.

9. 1. The by-product is used in the form of sealed sources in four Model 7062 Gamma Source Units manufactured by Kay-Ray Inc., Arlington Heights, Illinois. The source units are used in four coal vessel level gauges located and mounted in accordance with the recommendations of the manufacturer.

2. The sources are used in our coal dumping facility building and are exposed to coal dust and temperatures not exceeding the outdoor ambient.

3. Not applicable.

4. Not applicable.

5. In the event of any damage to the sealed source, personnel would be instructed to stay clear of the area. Tom Bue, Radiation Protection Officer, would be notified at phone number 605-862-8125 Ext. 31 (business) or 605-432-5619 (home), and would then notify the NRC.

10. 1. All servicing operations of the sealed by-product material sources will be performed by Kay-Ray Inc. or by other persons authorized by the Commission or an Agreement State to perform such services.

2. Not applicable.

3. Not applicable.

4. Otter Tail Power Company personnel obtain samples for leak testing with a Kay-Ray Inc. Model 162-000003 test kit. Samples are submitted to Kay-Ray Inc. for analysis. Test samples will be taken by Don Buth, Foreman Plant Technicians.

Kay-Ray Inc. has indicated that a three-year leak test frequency has been approved for the Kay-Ray Inc. Model 7062 unit. Consequently, Otter Tail Power Company hereby requests a three-year leak test frequency for the Kay-Ray Inc. Model 7062 units located at Big Stone Plant.

5. The area surrounding the measurement head during operation of the equipment is not considered to be a radiation area and does not require posting. Operating personnel may perform their normal functions in the area of the measurement system without exceeding allowable radiation exposure.

If maintenance is required at the detector portion of the measurement system or inside the coal silo in which the level is being sensed, the source shutter will be closed and locked. Written procedures, outlined by Don Buth, Foreman Plant Technicians, are followed when lock-out procedures are needed to perform maintenance in the area.

6. Not applicable.
11. Waste disposal will be performed by Kay-Ray Inc. or other persons authorized by the NRC or an Agreement State to perform such services.



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

5/16/89

SUBJECT FOR: License 40-26972-01
FROM: Glenda Jackson
License Fee Management Branch

The \$120 renewal fee paid on 10/31/88 is the correct
fee for the issuance of License 40-26972-01 in accordance with
C. James Holloway's March 27, 1987 Memorandum to Files. The new license
replaces License 22-15745-01.

Glenda Jackson
Glenda Jackson
License Fee Management Branch
Division of Accounting and Finance
Office of Administration and
Resources Management

4/11 27 1967

MEMORANDUM FOR: Files

FROM: C. James Holloway, Jr., Chief
License Fee Management Branch, RM/A

SUBJECT: FEE FOR NEW LICENSES ISSUED BY NMSS/
REGIONS FOR ADMINISTRATIVE REASONS

The NMSS materials license numbering system is designed to use a numerical state code as the first two digits of the license number. If a licensee moves to a different state, the Licensing staffs issue a new license in order to accommodate the state code appropriate for the new address, and the original license is terminated. If a licensee moves within a state, the existing license is amended. In both cases, an amendment fee is assessed in accordance with 10 CFR 170. An amendment fee is assessed when a new license is issued for the interstate move because

1. the Licensing staffs have informed us that the new licenses are issued to administratively maintain the correct state number designation for the licensee's new address, and
2. the technical review effort required to issue the new license for the interstate move is the same as that required to amend an existing license to reflect a licensee's intrastate move.

Therefore, the correct fee for the issuance of the new license is the appropriate amendment fee for the fee category or categories assigned to the original license, except as follows:

1. If the licensee requests an amendment to upgrade the scope of the licensed program in addition to a change of address, the appropriate application fee is required for the category being requested;
2. If the address change is for mailing purposes only and does not affect the authorized place of use, and if no other changes are requested, a fee is not required in accordance with William O. Miller's October 30, 1960 memorandum to Vandy Miller; and

MAR 27 1987

- 2 -

Files

3. If the licensee requests renewal in addition to the address change, the appropriate renewal fee(s) is required.

C. James Holloway, Jr., Chief
License Fee Management Branch
Division of Accounting and Finance
Office of Resource Management

DISTRIBUTION:

License Fee File
GJackson, LFMB
MMessier, LFMB
CPhillips, LFMB
SKimberley, LFMB
RM/A R/F
LFMB R/F (2)
DW/GJ/Fee for NL

OFFICE: RM/ALF
SURNAME: GJackson:rej
DATE: 3/18/87

NMSS
VMiller
3/26/87

OGC
RSmith
3/26/87

(RM/ALF)
CJHolloway
3/26/87



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

NOTE FOR: License _____

FROM: Glenda Jackson
License Fee Management Branch

The _____ fee paid on _____ is the correct
fee for the issuance of License _____ in accordance with
C. James Holloway's March 27, 1987 Memorandum to Files. The new license
replaces License _____.

Glenda Jackson
License Fee Management Branch
Division of Accounting and Finance
Office of Administration and
Resources Management

APR 27 1987

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2. If the address change is for mailing purposes only and does not affect the authorized place of use, and if no other changes are requested, a fee is not required in accordance with William O. Miller's October 30, 1980 memorandum to Vandy Miller; and

MAR 27 1987

Files

- 2 -

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Jr.

C. James Holloway, Jr., Chief
License Fee Management Branch
Division of Accounting and Finance
Office of Resource Management

DISTRIBUTION:

License Fee File
GJackson, LFMB
MMessier, LFMB
CPhillips, LFMB
SKimberley, LFMB
RM/A R/F
LFMB R/F (2)
DW/GJ/Fee for NL

OFFICE: RM/ALF
SURNAME: GJackson:rej
DATE: 3/18/87

NHSS
VMiller
3/22/87

OGC
RSmith
3/22/87

(RM/ALF)
CJHolloway
3/22/87