

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
831 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 12-20065-01

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

Illinois Power Company
500 S. 27th Street
Decatur, IL. 62525

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

Clinton Power Station
Illinois Route 54
Clinton, IL. 61727

8607080425 860501
REG3 LIC30
12-20065-01 PDR

4. NAME OF PERSON TO BE CONTACTED ABOUT THIS APPLICATION

F. A. Spangenberg, Manager - Licensing & Safety

TELEPHONE NUMBER

217-935-8351 X324

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. (Attached)

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

(Attached)

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.

(Attached)

11. WASTE MANAGEMENT.

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

FEE CATEGORY NA AMOUNT ENCLOSED \$ -0-

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

D. P. Hall

D. P. Hall

Vice President

12/31/85

14. VOLUNTARY ECONOMIC DATA

a. ANNUAL RECEIPTS

<\$250K	\$1M-3.5M
\$250K-500K	\$3.5M-7M
\$500K-750K	\$7M-10M
\$750K-1M	>\$10M

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

c. NUMBER OF BEDS

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

AMOUNT RECEIVED

CHECK NUMBER

CONTROL NO. 80435

DATE

FEE EXEMPT

12/11/85 (2)

1/9/86

ILLINOIS POWER COMPANY
BYPRODUCT MATERIAL LICENSE
NO. 12-20065-01

Below are revisions to the Byproduct Material License amendment submitted by Illinois Power Company letter U-0735, dated September 25, 1984. Revisions 1, 2, and 3 are necessitated by the calibration of radiation monitors that are required for loading fuel. Revision 4 is necessary due to organizational changes in the Radiation Protection Department. Revision 5 is necessary due to projected changes in personnel dosimetry service suppliers.

REVISION 1. DESCRIPTION - Revise page 2 (Item 8) by changing line 15 and adding line 18:

Current License:

Item 8 Licensed Material

Line No.	Element and Mass No.	Chemical and/or Physical Form	Name of Manufacturer and Model Number (If Sealed Source)	Maximum Number of Millicuries and/or Sealed Sources and which will be possessed at one time
A		B	C	D
15.	Krypton-85	Sealed Source (gas)	Eberline Instrument Corp. Model Special Part	1 @ 50 mCi
			Revise to read:	
15.	Krypton-85	Sealed Source (gas)	Eberline Instrument Corp. Model Special Part	2 @ 50 mCi
			And add line 18:	
18.	Cesium-137	Sealed Source	Victoreen, Inc. Model 878-10	1 @ 280 mCi

REVISION 2. DESCRIPTION - Revise page 3 (Item 8) by changing line 15 and adding line 18:

Current License:

Item 8 Licensed Material

Describe Use of Licensed Material

Line No. E

15. Calibration or instrument check of air monitors.

Revise to read:

15. Calibration or instrument checks of radiation detection equipment.

And add line 18:

18. Calibration or instrument checks of radiation detection equipment.

REVISION 3. DESCRIPTION - Revise page 4 (Item 9) by adding line 18:

Current License:

Item 9 Storage of Sealed Sources

Line No.	Container and/or device in which each sealed source will be stored or used	Name of Manufacturer	Model Number
14.	Process monitor (Drywell Leak Detection)	General Electric	Drawing No. 235A1493
15.	_____	See Note	_____
16.	_____	See Note	_____
17.	_____	See Note	_____
		Add line 18:	
18.	_____	See Note	_____

REVISION 4. DESCRIPTION - Revise Item 15:

Current License:

Item 15 Radiation Protection Program

Page 13, Paragraph 4 Personnel performing radiation calibrations are qualified as RADCHEM TECHNICIAN - RP. In addition, these personnel must complete the satellite qualification of RADCHEM TECHNICIAN - RP CALIBRATION. (See Attachment 3)

Revise to read:

Personnel performing radiation instrumentation calibrations are qualified as RAD TECHNICIAN - RP or a more senior position providing the same level of training. (See Attachment 3)

REVISION 5. DESCRIPTION - Revise Item 12

Current License:

Item 12 Personnel Monitoring Devices

Part B Teledyne Isotopes
50 Van Buren Avenue
Westwood, New Jersey 07675

Revise to read:

Any NVLAP certified personnel dosimetry service.