

# 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)

CENTRAL SOYA COMPANY, INC.  
ROUTES 9 & 47  
GIBSON CITY, IL 60936

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

CENTRAL SOYA COMPANY, INC.  
ROUTES 9 & 47  
GIBSON CITY, IL 60936

## 4. NAME OF PERSON TO BE CONTACTED ABOUT THIS APPLICATION

RAY BOWNS

## TELEPHONE NUMBER

217-784-8261

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 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

*D. L. Wilbur*

D. L. WILBUR

PLANT MANAGER

9/11/85

## 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. 79763

### DATE

8512310383 851126

REG3 LIC30

12-18975-02

PDR

## 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

SEPTEMBER 11, 1985

APPLICATION FOR MATERIAL LICENSE

PART 5. SOURCE - CESIUM-137, SEALED SOURCE  
OHMART DENSART 3400 SERIES CONTROLLER  
MODEL NO. OHMART-A-2102  
SOURCE HOLDER - SR-1A  
SOURCE NOT TO EXCEED 1500 MC

PART 6. THE SOURCE WILL BE USED IN AN OHMART DENSART 3400  
SERIES CONTROLLER TO MEASURE THE DENSITY OF A FLUID  
MOVING THROUGH A PIPE LINE.

PART 7. RESPONSIBLE INDIVIDUAL -  
RAY BOWNS  
PROCESS SUPERINTENDENT

RAY WAS TRAINED BY P. COOK, TRAINED MANUFACTURER'S  
REPRESENTATIVE OF OHMART, AT THE TIME OF INSTALLATION  
ON 10/31/80.

PART 8. TRAINING -  
TRAINING FOR PERSONNEL OPERATING THE GAUGE WAS ALSO  
SUPPLIED BY THE MANUFACTURER'S REPRESENTATIVE AT THE  
TIME OF INSTALLATION.

PART 9. FACILITIES AND EQUIPMENT -

1. THE SOURCE HOLDER FOR THE DENSITY GAUGE IS LOCATED  
ON A VERTICAL 4 INCH, INSULATED PIPE LINE, TWO FEET  
ABOVE THE FLOOR. IT IS SUPPORTED FROM THE FLOOR  
AND PROTECTED AGAINST EXCESSIVE VIBRATION.
2. THE GAUGE IS EXPOSED TO NORMAL ATMOSPHERE TEMPERATURE  
LEVELS AND IS BELOW MANUFACTURER'S LIMITS. NO COOLING  
SYSTEM IS REQUIRED.
3. N/A
4. N/A
5. THE INSTRUMENT IS INSPECTED TWICE PER YEAR BY MAINTENANCE  
PERSONNEL TRAINED BY OHMART'S REPRESENTATIVES IN PROPER  
HANDLING TECHNIQUES.
6. EMERGENCY PROCEDURES -  
IN CASE OF MALFUNCTION OF THE SOURCE HOLDER OR DAMAGE  
THERETO, THE SERVICES OF MANUFACTURER'S REPRESENTATIVE  
WILL BE OBTAINED FOR REPAIR OR TO SUPERVISE REMOVAL AND  
PROPER PACKAGING FOR RETURN TO THE MANUFACTURER FOR REPAIR  
OR REPLACEMENT AS REQUIRED.

IN CASE OF EMERGENCY SUCH AS FIRE OR EXPLOSION INVOLVING APPARENT DAMAGE TO THE SOURCE HOLDER, THE APPROPRIATE REGIONAL OFFICE OF INSPECTION AND ENFORCEMENT (10 CFR 20 APPENDIX D), USNRC, WILL BE CONTACTED FOR ASSISTANCE. THE AREA AROUND THE SOURCE HOLDER WILL BE BARRICADED. THE SERVICES OF A MANUFACTURER'S REPRESENTATIVE WILL BE OBTAINED TO ASSIST IN INSPECTION FOR DAMAGE AND LOCAL HEALTH AUTHORITIES WILL ALSO BE NOTIFIED.

PART 10. RADIATION SAFETY PROGRAM -

THE SOURCE HOLDERS WILL BE RECEIVED AND STORED PENDING ARRIVAL OF MANUFACTURER'S FIELD ENGINEER. THE SOURCE HOLDERS WILL BE INSTALLED IN THE CLOSED POSITION UNDER THE SUPERVISION OF THE REPRESENTATIVE. A WRITTEN PROCEDURE FOR PREVENTION OF ENTRY INTO THE VESSEL WHEN THE SOURCE IS IN THE OPEN (SOURCE EXPOSED) POSITION WILL BE PREPARED. THIS PROGRAM WILL BE DEVELOPED IN CONSULTATION WITH THE MANUFACTURER'S REPRESENTATIVE.

THE INITIAL RADIATION SURVEY WILL BE MADE BY THE REPRESENTATIVE AT THE TIME OF PLACING THE DEVICE IN SERVICE. AN OCCUPANCY EVALUATION WILL BE MADE BY THE REPRESENTATIVE AND SHOULD FILM BADGES APPEAR TO BE REQUIRED, THEY WILL BE OBTAINED. FORM NRC-3 WILL BE POSTED AND SHOULD THE RADIATION SURVEY WITH THE VESSEL(S) EMPTY REVEAL RADIATION FIELDS IN EXCESS OF 5 MR/HR AT 12 INCHES FROM THE SURFACE OF THE VESSELS, APPROPRIATE WARNING SIGNS WILL BE POSTED. PROCEDURES WILL BE ADJUSTED TO REDUCE THE TOTAL DOSE TO PERSONNEL TO THE MINIMUM REASONABLE ACHIEVABLE. A COPY OF THE RADIATION SURVEY AND WRITTEN PROCEDURES WILL BE KEPT ON FILE FOR FUTURE REFERENCE. ANY FUTURE SURVEYS OR CALIBRATION ADJUSTMENTS MADE TO THE SOURCE WILL BE DONE BY QUALIFIED FIELD SERVICE REPRESENTATIVES OF OHMART.

WIPE TEST PROCEDURE -

A TEST WILL BE PERFORMED ON THE SURFACE OF THE SOURCE HOLDER AT THE APPROPRIATE INTERVAL BY THE RESPONSIBLE INDIVIDUAL LISTED IN THE APPLICATION IN ACCORDANCE WITH THE INSTRUCTIONS OF THE MANUFACTURER'S REPRESENTATIVE AND CONTAINED IN THE GAGE INSTRUCTION MANUAL. THE WIPE TEST KIT TO BE USED IS THE OHMART MODEL LT AND THE WIPE WILL BE EVALUATED FOR LEAKAGE BY THE OHMART CORPORATION. SHOULD THE PRESENCE OF 0.005 MICORCURIES OF REMOVABLE CONTAMINATION BE DETECTED, THE SOURCE HOLDER WILL BE WITHDRAWN FROM SERVICE, THE REGIONAL OFFICE OF THE USNRC NOTIFIED AND THE DEVICE REPAIRED OR REPLACED BY THE MANUFACTURER.

LOCK-OUT PROCEDURES -

THE SOURCE HOLDER IS BEING FURNISHED WITH LOCK-OUT FEATURES. THE RESPONSIBLE INDIVIDUAL AT THIS LOCATION WILL SEE THAT PROPER LOCK-OUT PROCEDURES ARE FOLLOWED TO PREVENT EXPOSURE TO THE RADIATION BEAM DURING MAINTENANCE, CLEANING OR OTHER CONTACT WITH THE SOURCE HOLDER.

PART 11. WASTE DISPOSAL -

WHENEVER THE SOURCE HOLDER IS NO LONGER NEEDED, IT WILL BE EITHER

1. REMOVED AND STORED IN A LOCKED CUPBOARD OR ROOM PROPERLY  
LABELED. IT WILL NOT BE REPLACED IN SERVICE WITHOUT PRIOR  
WIPE TESTING, OR
2. REMOVED AND RETURNED TO THE MANUFACTURER FOR DISPOSAL.

IN EITHER CASE, THE SERVICES OF THE MANUFACTURER'S REPRESENTATIVE  
WILL BE OBTAINED TO SUPERVISE REMOVAL, REINSTALLATION, AND/OR  
PACKAGING FOR RETURN TO THE MANUFACTURER.