

Sylvania Electric
Products, Inc.
040-08075
57B-1088
Pred: 7-31-76
US: (4)

OSRAM Corporation
has a license
31-23515-01E
030-22294
Expires: 3/31/76
STATUS: (0)

L&L300
030-33084
03214

**OSRAM
SYLVANIA**

February 8, 1993

Licensing Assistant Section
Nuclear Materials Safety Branch
US Nuclear Regulatory Commission, Region 1
475 Allendale Road
King of Prussia, PA 19406-1415

20-30024-01
030-34371

Gentlemen:

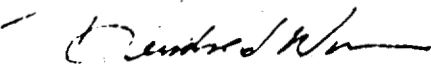
Enclosed is our application for a radioactive materials license for certain OSRAM SYLVANIA INC. facilities in nonagreement states. Four separate points of possession are involved. Three are located in Region 1 and one is in Region 3. The proposed licensed activity is to receive and store products containing radioactive material for transfer to persons who are exempt from licensing requirements, pursuant to 10 CFR 32.15. These products are manufactured or imported by OSRAM Corporation, Montgomery, NY for exempt distribution under its USNRC License No. 31-23515-01E and transferred to OSRAM SYLVANIA, Inc.

OSRAM SYLVANIA INC. is a corporation recently formed as a result of the purchase of the entire stock of GTE Products Corporation by OSRAM Acquisition Corporation together with Siemens Corporation. It is expected that within a few months OSRAM Corporation's North American operations, located in Maybrook and Montgomery, New York will be merged into OSRAM SYLVANIA, Inc. At that time an amendment to OSRAM Corporation's USNRC "E" license will be requested to reflect the change.

Please direct all correspondence concerning this application to the undersigned, currently located at 110 Braken Road, Montgomery, New York 12549.

Enclosed is a check for the application fee in the amount of \$540.

Very Truly Yours,


Deirdre J. Wilson
Regulatory Compliance Officer

Enclosures

Received February 11, 1993
at [unclear]

33084
03219

NRC FORM 313
1-92
U.S. NUCLEAR REGULATORY COMMISSION

U.S. NUCLEAR REGULATORY COMMISSION

APPROVED BY OMB NO. 3150-0120
EXPIRES 6-30-93

ESTIMATED BURDEN PER RESPONSE TO COMPLY WITH THIS INFORMATION COLLECTION REQUEST 3.25 HOURS. FORWARD COMMENTS REGARDING BURDEN ESTIMATE TO THE INFORMATION AND RECORDS MANAGEMENT BRANCH (MNRB 7714, U.S. NUCLEAR REGULATORY COMMISSION, WASHINGTON, DC 20545 AND TO THE PAPERWORK REDUCTION PROJECT (3150-0120), OFFICE OF MANAGEMENT AND BUDGET, WASHINGTON, DC 20503

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.

APPLICATION FOR DISTRIBUTION OF EXEMPT PRODUCTS FILE APPLICATIONS WITH

DIVISION OF INDUSTRIAL AND MEDICAL NUCLEAR SAFETY
OFFICE OF NUCLEAR MATERIAL SAFETY AND SAFEGUARDS
U.S. NUCLEAR REGULATORY COMMISSION
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:

LICENSING ASSISTANT SECTION
NUCLEAR MATERIALS SAFETY BRANCH
U.S. NUCLEAR REGULATORY COMMISSION, REGION I
875 ALLENTOWN ROAD
RING OF PRUSSIA, PA 19086-1415

ALABAMA, FLORIDA, GEORGIA, KENTUCKY, MISSISSIPPI, NORTH CAROLINA, PUERTO RICO, SOUTH CAROLINA, TENNESSEE, VIRGINIA, VIRGIN ISLANDS, OR WEST VIRGINIA, SEND APPLICATIONS TO:

NUCLEAR MATERIALS SAFETY SECTION
U.S. NUCLEAR REGULATORY COMMISSION, REGION II
101 MARIETTA STREET, S.W., SUITE 240
ATLANTA, GA 30321

IF YOU ARE LOCATED IN:

ILLINOIS, INDIANA, IOWA, MICHIGAN, MINNESOTA, MISSOURI, OHIO, OR WISCONSIN, SEND APPLICATIONS TO:

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

ARKANSAS, COLORADO, IDAHO, KANSAS, LOUISIANA, MONTANA, NEBRASKA, NEW MEXICO, NORTH DAKOTA, OKLAHOMA, SOUTH DAKOTA, TEXAS, UTAH, OR WYOMING, SEND APPLICATIONS TO:

MATERIAL RADIATION PROTECTION SECTION
U.S. NUCLEAR REGULATORY COMMISSION, REGION IV
611 RYAN PLAZA DRIVE, SUITE 400
ARLINGTON, TX 76011-8754

ALASKA, ARIZONA, CALIFORNIA, HAWAII, NEVADA, OREGON, WASHINGTON, AND U.S. TERRITORIES AND POSSESSIONS IN THE PACIFIC, SEND APPLICATIONS TO:

NUCLEAR MATERIALS SAFETY SECTION
U.S. NUCLEAR REGULATORY COMMISSION, REGION V
1450 MARIA LANE
WALNUT CREEK, CA 94696-5368

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 JURISDICTIONS.

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 (includes Zip Code):

OSRAM SYLVANIA INC.
100 Endicott Street
Danvers, MA 01923

3. ADDRESSES WHERE LICENSED MATERIAL WILL BE USED OR POSSESSED:

SEE ATTACHMENT A

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

Alan H. Jones

TELEPHONE NUMBER:

(914) 635-8698

5. FROM ITEMS 5 THROUGH 11 ON B-1 (SEE PAPER), THE TYPE AND SCOPE OF INFORMATION TO BE PROVIDED IS DESCRIBED IN THE LICENSE APPLICATION GUIDE.

8. RADIOACTIVE MATERIAL:
a. quantity and mass number, b. chemical and physical form, and c. maximum amount of activity to be possessed at any one time.

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

9. INDIVIDUAL(S) RESPONSIBLE FOR RADIATION SAFETY PROGRAM AND THEIR TRAINING AND EXPERIENCE:

8. TRAINING FOR INDIVIDUALS WORKING IN OR FREQUENTING RESTRICTED AREAS:

10. FACILITIES AND EQUIPMENT:

10. RADIATION SAFETY PROGRAM:

11. WASTE MANAGEMENT:

12. LICENSEE FEES (See 16 CFR 170 and Section 170.31):
FEE CATEGORY: 3P AMOUNT ENCLOSED: 540

13. CERTIFICATION: Must be completed by applicant. THE APPLICANT UNDERSTANDS THAT ALL STATEMENTS AND REPRESENTATIONS MADE IN THIS APPLICATION ARE TRUE AND CORRECT TO THE BEST OF THEIR KNOWLEDGE AND BELIEF.

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 32, 33, 34, 36, 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 (42 STAT. 248) 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.

14. SIGNATURE, CERTIFYING OFFICER:

TYPED PRINTED NAME:

TITLE:

DATE:

Deirdre J. Wilson

Deirdre J. Wilson

Regulatory Compliance Officer

2/8/93

FOR NRC USE ONLY

DATE OF FEE	FEE LOG	FEE CATEGORY	COMMENTS
AMOUNT RECEIVED	CHECK NUMBER		

APPROVED BY:

DATE:

Item 3 - Addresses Where Licensed Material Will be Possessed

- (1) 105 Andover Street
Danvers, MA 01923
- (2) 3950 Venture Court
Columbus, OH 43228
- (3) 7485 Industrial Boulevard
Allentown, PA 18106
- (4) 215 Beaver Drive
Dubois, PA 15801

Item 5 - Radioactive Material

- a. Element and mass number: Krypton-85
- b. Chemical and/or physical form: gas
- c. Maximum amount possessed at any one time: 100 millicuries at each
licensed facility, for a total
of 400 millicuries

Item 6 - Purpose For Which Licensed Material Will be Used

Krypton-85 is used as a filling gas in glow switches and arc tubes incorporated into compact fluorescent lamps, metal halide discharge lamps and lamp starters as an aid in starting and/or operation.

These lamps and starters are manufactured or imported by OSRAM Corporation, pursuant to USNRC License No. 31-23515-01E (Attachment B), for distribution to persons exempt from licensing.

Each facility listed in Item 3, above, is a distribution warehouse where the licensed finished product, prepackaged in individual packages and overpacked in larger cartons, will be received from OSRAM Corporation. The product will stored intermingled with nonradioactive products in accordance with normal consumer product warehouse procedures, pending further distribution to customers.

There will be no routine handling of the finished product other than in the prepackaged state. In many instances outer cartons will be relabelled and shipped to customers or secondary distribution warehouses without being opened. When necessary, outer cartons will be opened and the packaged product removed to fill smaller orders.

A computerized inventory system will track licensed product to insure that the license limit is not exceeded.

Item 7 - Individuals Responsible For Radiation Safety Program and Their Training

For the reasons detailed in Item 10, below, there is no need for a radiation safety program or special training for the persons involved. However, at each warehouse facility the individuals shown below will be responsible for compliance with USNRC regulations and the conditions of the radioactive material license:

- (1) 105 Andover Street
Danvers, MA 01923
Responsible person: John Tucker, manager
- (2) 3950 Venture Court
Columbus, OH 43228
Responsible person: Bill Rudge, manager
- (3) 7485 Industrial Boulevard
Allentown, PA 18106
Responsible person: Claude Mickle, manager
- (4) 215 Beaver Drive
Dubois, PA 15801
Responsible person: Jim Hardon, foreman

The above individuals will receive the following written information prior to assuming their responsibilities:

1. Overview of responsibilities;
2. Regulatory and license requirements;
3. Inventory requirements pertaining to the license limit;
 - a. Activity limit;
 - b. Limit in terms of number of items;
4. Pertinent information on products containing radioactive material;
5. Name and phone number of corporate contact for questions or information pertaining to the license, regulations or the licensed product.
6. Copies of the license, applicable regulations and "Notice to Employees" (Form NRC-3).

Item 8 - Training For Individuals Working In or Frequenting Restricted Areas

Not applicable, no areas within the facilities listed in Item 3, above, are restricted per 10 CFR 20.3(a)(14).

Item 9 - Facilities & Equipment

The following is a description of each facility listed in Item 3, above:

- (1) 105 Andover Street
Danvers, MA 01923
(508) 750-2910

Warehouse Capacity: 177,915 square feet
Fire protection: Full sprinkler system
Security & fire monitoring: 24 hours by ADT

- (2) 3950 Venture Court
Columbus, OH 43228
(614) 777-8500

Warehouse Capacity: 168,000 square feet
Fire protection: Full sprinkler system
Security & fire monitoring: 24 hours by ADT

- (3) 7485 Industrial Boulevard
Allentown, PA 18106
(215) 481-0393

Warehouse Capacity: 201,600 square feet
Fire protection: Full sprinkler system
Security & fire monitoring: 24 hours by ADT

- (4) 215 Beaver Drive
Dubois, PA 15801
(814) 375-5680

Warehouse Capacity: 69,200 square feet
Fire protection: Full sprinkler system
Security & fire monitoring: 24 hours by ADT

Item 10 - Radiation Safety Program

Because of the form and quantity of the radioactive materials involved and the fact that the license exempt product containing the material will only be received and handled prepackaged in boxes, there is no need for a radiation safety program, including personnel monitoring and radiation surveys. The average Krypton-85 activity per lamp or starter model is 43 nanocuries, with a current licensed limit of 175 nanocuries. The maximum radiation level at one centimeter from an unpackaged lamp is 0.015 mrem/hr, with 0.012 mrem/hr measured at the surface of the individual lamp carton. The whole body radiation level in the vicinity of bulk cartons of such lamps is not distinguishable from ambient background.

Item 11 - Waste Management

Due to the nature of the operation, there will be no radioactive waste normally generated. In the unlikely event of the breakage of a lamp, the extremely small quantity of krypton gas would quickly dissipate to the large volume atmosphere of the warehouse. However, occasionally lamps may be returned as defective. These lamps will be collected in an appropriate and labelled container and disposed of through a licensed radioactive waste disposal service pursuant to the applicable provisions of 10 CFR Parts 20 & 61.