

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 HAMPSHIRE, NEW JERSEY, NEW YORK, PENNELVANIA,
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 A APPLICATION FOR (Check appropriate item)

- ☐ A. NEW LICENSE
☒ B. AMENDMENT TO LICENSE NUMBER 48-25828-0
☐ C. RENEWAL OF LICENSE NUMBER _____

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

Oscar Mayer Foods Corp.
910 Major Avenue
Madison, WI 53707

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

8904100183 880415
REG 3 LIC 30
48-25828-01 PNU

4. NAME OF PERSON TO BE CONTACTED ABOUT THIS APPLICATION

TELEPHONE NUMBER

Judson Sarver

606-241-3311

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 Amendment AMOUNT ENCLOSED \$ 60.00

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

Judson Sarver

Microbiologist I

3/30/88

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

RECEIVED

☐ NO

FOR NRC USE ONLY

TYPE OF FEE

FEE LOG

FEE CATEGORY

COMMENTS

MAR 31 1988

APPROVED BY

AMOUNT RECEIVED

CHECK NUMBER

CONTROL NO. 85170 REGION III

DATE

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

CONTROL NO 85170

SUSAN C. SARVER
2424 Independence Lane, Apt. 202
Madison, Wisconsin 53704
(608) 246-4259

GENERAL QUALIFICATIONS

- . Member of the American Society for Microbiology (ASM)
- . Member of the Association of Official Analytical Chemists (AOAC), three years
- . Familiar with IFT approved methods for the microbial analysis of meat
- . Complete familiarity with all AOAC approved methods for antibiotic analysis of animal feeds
- . Three years experience with routine lab maintenance and supervision

RELEVANT EXPERIENCE

Microbiologist, Oscar Mayer Foods Corporation;
Madison, Wisconsin; April 1986 - Present

- . Responsible for all microbiological shelf-life testing on new products
- . Issued reports for each project completed
- . Used IBM personal computers and am very familiar with accompanying software
- . Assisted with microbial trouble shooting in several plants
- . Actively participated in the research and development of new projects

Microbial Analyst, Indiana State Chemist's Office, Purdue University;
West Lafayette, Indiana; 1982 - April 1986

- . Responsible for commercial animal feed analysis to analytically determine antibiotic component and amount present
- . Maintained all laboratory stock cultures of bacteria
- . Prepared media and reagents for all assays on a daily basis
- . Very familiar with microbiological methods of sterile technique and autoclave use
- . Trained new laboratory personnel and assumed responsibility for assay results
- . Actively participated in research and development of new analytical methods for antibiotic assay
- . Co-author of a publication dealing with analytical microbiology

Student Lab Technician, Yasuko Nakajima, Ph.D., Department of Biological Sciences, Purdue University; West Lafayette, Indiana; 1981 - 1982

- . Performed various lab duties
- . Reagent preparation
- . Washing of glassware used for tissue culture
- . Proofreading scientific papers
- . Developed negatives into photographs and slides of electron micrographs

Student Lab Technician, Edward Simon, Ph.D., Department of Biological Sciences, Purdue University; West Lafayette, Indiana; 1980 - 1981

- . Gained much lab experience and familiarity with lab equipment
- . Prepared media for tissue culture cells and viral assays
- . Maintained HELA cells in tissue culture, transferring them regularly
- . Performed viral plaque assays and cell counts

EDUCATION

Purdue University; West Lafayette, Indiana
Bachelor of Science, Microbiology Major, August 1985 - GPA: 5.0/6.0
. One course short of a minor in Chemistry

HONORS

Board of Directors, American Language Research Foundation; West Palm Beach,
Florida
Dean's List, Undergraduate

PUBLICATIONS

"Effect of Volume of Solution Per Cylinder on Estimation of Antibiotic
Potency in Diffusion Assays," currently submitted for publication in
Journal of the Association of Official Analytical Chemists.

REFERENCES

Furnished upon request.

CERTIFICATE OF TRAINING

This is to certify that, Susan Sarver,
from Oscar Mayer Foods,
received training in the performance of the GENE-TRAK Assay and its
attendant use of Phosphorus-32 labelled material. The training was conducted
at GENE-TRAK Systems, Framingham, Massachusetts. The training was
conducted by GENE-TRAK Technical Services Department Personnel. The
training was conducted on March 29 + 30, 1988

The training covered the following topics:

- a. Principles and practices of Radiation protection
- b. Radioactivity measurements, standardization and monitoring techniques and instruments,
- c. Mathematics and calculations basic to use and measurement of radioactivity, and
- d. biological effects of radiation.

Signed:

Pauline Ann Flynn

Date:

3/30/88

CONTROL NO. 85170