

APPLICATION FOR MATERIAL LICENSE

030-14932

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 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, 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
 790 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
 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 20-18254-01

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

Salem & Beverly Water Supply Board
 50 Arlington Avenue
 Beverly, MA 01915

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

Filtration Plant Laboratory (Kenneth F. Knowlton Laboratory)
 50 Arlington Avenue
 Beverly, MA 01915

4. NAME OF PERSON TO BE CONTACTED ABOUT THIS APPLICATION

Thomas W. Knowlton, Superintendent

TELEPHONE NUMBER

(508) 922-2600 X207

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 Exempt 170:11(9) AMOUNT ENCLOSED \$

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 <i>Thomas W. Knowlton</i>	TYPED/PRINTED NAME Thomas W. Knowlton	TITLE Superintendent	DATE 8/2/88
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9001160236 880916
 REG 1 LIC30
 20-18254-01 PDR

FOR NRC USE ONLY

TYPE OF FEE REN	FEE LOG FEE EXEMPT	FEE CATEGORY EX3D	COMMENTS
AMOUNT RECEIVED 170-11(9)(F)	CHECK NUMBER		

APPROVED BY
S. Kimbly
 DATE
 8/22/88

170-11(9)(F) "OFFICIAL RECORD COPY" 10 AUG 1988 109393

SALEM AND BEVERLY WATER SUPPLY BOARD

FILTRATION PLANT: ARLINGTON AVENUE
BEVERLY, MASS. 01915
TEL. (508) 922-2600

Attachment to NRC Form 313 (Page 1 of 2)

August 2, 1988

5. Radioactive Material

- a) Ni-63
- b) 2 sealed sources
- c) 15 millicuries each

6. Purposes for which licensed material will be used.

Hewlett-Packard Series 584CA Gas Chromatograph for laboratory analyses. Unit contains 2 sealed sources (No. 18803-60520) for an electron capture detector.

7. Individual responsible for Radiation Program and thier training and experience.

1. Thomas w. Knowlton, Superintendent-Chemist

Radiation training from courses in General Chemistry, Organic Chemistry and Instrumental Analysis.

2. Mario J. Tricomi, Microbiologist

Radiation training from courses in General Physics, Chemistry, Microbiology and Instrumentation Analysis.

3. Kenneth L. Stockwell, Chemist

Radiation training from sourses in General Chemistry, Organic Chemistry, and Analytical Chemistry.

Any use of the instrument will be by Mr. Knowlton, Mr. Stockwell or Mr. Tricomi or under their direct supervision. All of these users and anyone using the equipment under their supervision will be required to read the Instrument Manual with the manufacturers recommendations and to adhere to all the operation and safety sections of this manual.

8. Training for individuals working in or frequenting area.

See Item 7.

9. Fascilities & Equipment

Instrument containing by-product material is to be located in locked instrumentation room and detector effluent gas will be piped into fume vent in compliance with the latest revision of 10CFR part 20.

10 Radiation Safety Program

The users of this sealed source have read 10CFR Part 20 and are aware of its requirements. The sealed source is to be kept in a locked room (restricted area). Leak tests are to be performed every 6 months by National Leak Test Center, North Tonawanda, NY

11 Waste Management.

Detectors are to be returned to the supplier, Hewlett-Packard Company, Route 41, Avondale, PA, 19311. Cleaning of the detector shall be performed according to the manufacturers cleaning and waste disposal instructions in compliance with 10CFR Part 20

BETWEEN:

LICENSE FEE MANAGEMENT BRANCH, ARM
AND
REGIONAL LICENSING SECTIONS

(FOR LFMS USE)
INFORMATION FROM LTS

PROGRAM CODE: 03123
STATUS CODE: 2
FEE CATEGORY: EX 3P
EXP. DATE: 19881031
FEE COMMENTS: 170.11(a)(9)

Added ↑

LICENSE FEE TRANSMITTAL

A. REGION T

1. APPLICATION ATTACHED

APPLICANT/LICENSEE: SALEM & BEVERLY WATER SUPPLY BOARD
RECEIVED DATE: 880810
DOCKET NO: 3014732
CONTROL NO.: 109393
LICENSE NO.: 20-18754-01
ACTION TYPE: RENEWAL

2. FEE ATTACHED

AMOUNT: 0
CHECK NO.:

3. COMMENTS

SIGNED *[Signature]*
DATE 8/15/88

B. LICENSE FEE MANAGEMENT BRANCH (CHECK WHEN MILESTONE 03 IS ENTERED 1)

1. FEE CATEGORY AND AMOUNT: EX 3P **FEE EXEMPT**

2. CORRECT FEE PAID. APPLICATION MAY BE PROCESSED FOR: 170.11(a)(9)
AMENDMENT
RENEWAL
LICENSE

3. OTHER

SIGNED *[Signature]*
DATE 8/22/88