

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)

Newport City Real Estate Development Corp.
P. O. Box 2020 (Corner of Pavonia and
Jersey City, New Jersey 07303-Henderson Street
Jersey City, New Jersey)

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

The device will be used at Newport City Project, a 210 acre, mixed-use redevelopment project located on the Hudson River in Jersey City, New Jersey. The project is south of the Holland Tunnel bounded by Pavonia Street and Henderson Street, Jersey City, New Jersey.

4. NAME OF PERSON TO BE CONTACTED ABOUT THIS APPLICATION

Anthony Scavo or Joanne Bianco-201-945-3694

TELEPHONE NUMBER

718-459-9021

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 170.31 (3) P 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

Anthony Scavo
Anthony Scavo

President
President

7/23/85

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

APP

Aug-19-85

3 P

AMOUNT RECEIVED

CHECK NUMBER

21174 \$230

21174

OFFICIAL RECORD COPY

04229

ML10

AUG 09 1985

APPROVED BY

8/28/85

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

Attachment to:

Application for Material
License for Newport City
Real Estate Development
Company

5. Radioactive Material:

(a) Element and Mass Number: Hydrogen 3

(b) Chemical/Physical Form: Titanium tritide foil

manufactured by Safety Light Corporation, Model 508 (Sealed Source).

(c) Maximum Amount: 150 millicuries

6. Purpose: For use in Sentex Sensing Technology, Inc., Model: Scentor, gas chromatograph for sample analysis. The instrument will test for toxic chemicals in the air and water at the job site.

7. Individuals Responsible: Anthony Scavo, a graduate of Columbia University, New York City and Michael Sabat, an engineer who received his training in the United Kingdom, will operate the gas chromatograph. Both Mr. Scavo and Mr. Sabat will receive training from the vendor, Sentex Sensing Technology, Inc. Dr. Linenberg, Radiation Safety Officer, of Sentex, will conduct the training. The training will include instruction in the components and operation of the device, and the principles of radiation

safety, with a discussion of the source and its level of radioactivity. Illustrated diagrams showing the sealed source and its metal enclosures (see below) will be used. Neither party has had prior experience with radiation. Neither applicant will service the instrument nor do any maintenance nor repair on the detector cell. The instrument will be returned to the vendor, Sentex Sensing Technology, Inc. for service and repair.

8. Training for Individuals: Only Mr. Scavo or Mr. Sabat will operate the gas chromatograph. Their training and experience are detailed above. The gas chromatograph will be returned to the vendor for service and maintenance.

9. Facilities and Equipment: The instrument will be used at a construction site. When not in use, it will be housed in a immobilized metal construction trailer that is securely locked. The trailer has windows and an air circulation system. There is a security guard service which monitors the entire construction site on a twenty-four hour basis. When Mr. Scavo or Mr. Sabat are not present the metal trailer in which the device is stored will be locked.

10.1 Radiation Safety Program: A large warning label identifying the source, strength and amount of radiation is permanently

affixed to the gas chromatograph. In addition, the instruction manual which accompanies the instrument specifically forbids tampering with the oven assembly. It also specifically directs the user to return the device to the manufacturer if damage to the oven assembly is noted or if removal of the radioactive source is required.

The device will be stored in a securely locked metal trailer. In addition, the job site is patrolled by a private security guard agency. The device can be removed from storage only by Mr. Scavo or Mr. Sabat and will be in their physical possession when in use.

Mr. Scavo will be the person named to be contacted in any emergency and he will immediately contact the manufacturer and the appropriate authorities.

The device will be returned to the manufacturer, Sentex Sensing Technology, Inc. for service, repair or removal of the radioactive source. No personal monitoring devices will be used.

10.2 The radioactive material is a sealed source. It is contained within a sealed stainless steel cylinder which is further enclosed in an additional cylinder of copper with 1/4 thickness. The entire package is further encased within an aluminum box ("oven assembly") which is bolted to the chasis of the device. No

radiation survey or measuring instruments will be used. Mr. Scavo, will, however, visually inspect the oven assembly on a regular basis to insure its integrity. If any damage is noted the manufacturer, Sentex Sensing Technology, Inc., will remove the oven assembly and return it to its facilities for removal and replacment of the radioactive source.

10.3 The source is Hydrogen 3, in a gaseous form. No leak test is required.

10.4 No maintenance nor repair will be performed on the gas chromatograph. It will be returned to the manufacturer, Sentex Sensing Technology, Inc. for service.

11. Waste Management: The device will be returned to the manufacturer, Sentex Sensing Technology, Inc. for disposal of the radioactive material.

12. Fees: A check in the amount of \$230.00 made payable to the Nuclear Regulatory Commission is enclosed.