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

ESTIMATED BURDEN PER RESPONSE TO COMPLY WITH THIS INFORMATION COLLECTION REDUEST 3.25 HOURS FORWARD COMMENTS REGARDING BURDEN ESTIMATE TO THE INFORMATION AND RECORDS MANAGEMENT BRANCH (MINBS 7714). U.S. NUCLEAR REGULATORY COMMISSION WASHINGTON, DC 2658, AND TO THE PAPERWORK REDUCTION PROJECT (3150-0120), DEFICE OF MANAGEMENT AND BUDGET, WASHINGTON, DC 2669.

#### 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 IF YOU ARE LOCATED IN 030 - 33/88 ILLINOIS INDIANA IOWA MICHIGAN MINNESOTA MISSOURI DHIO DH WISCONSIN SEND APPLICATIONS TO MATERIALS LICENSING SECTION C 31 U.S. MUCLEAR REGULATORY COMMISSION, REC 789 ROOSEVELT ROAD GLEN ELLYN, IL 80137 ALL OTHER PERSONS FILE APPLICATIONS AS FOLLOWS IF YOUR ARE LOCATED IN ARKANSAS, COLORADO, IDAHO, KANSAS, LOUISIANA, MONTANA, NEBRASKA, NEW MEXICO, NORTH DAKOTA, OKLAHOMA, SOUTH DAKOTA, TEXAS, UTAH, OR WYOMING, SEND APPLICATIONS TO: CONNECTICUT. DELAWARE DISTRICT OF COLUMBIA MAINE MARYLDAND.
MASSACHUSETTS, NEW HAMPSHIRE, NEW JERSEY, NEW YORK, PENNSYLVANIA, RHODE ISLAND, OR VERMONT, SEND APPLICATIONS TO: MATERIAL RADIATION PROTECTION SECTION U.S. NUCLEAR REGULATORY COMMISSION, REGION IV 811 RYAN PLAZA DRIVE SUITE 400 ARLINGTON, TX 76011 8064 LICENSING ASSISTANT SECTION NUCLEAR MATERIALS SAFETY BRANCH U.S. NUCLEAR REGULATORY COMMISSION, REGION I 475 ALLENDALE ROAD KING OF PRUSSIA, PA. 19406-1415 ALASKA, ARIZONA, CALIFORNIA, HAWAII, NEVEDA, OREGON, WASHINGTON, AND U.S. TERRITORIES AND POSSESSIONS IN THE PACIFIC, SEND APPLICATIONS TO 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 REQULATORY COMMISSION, REGION V 1450 MARIA LANE WALNUT CREEK, CA 94596-5368 NUCLEAR MATERIALS SAFETY SECTION U.S. NUCLEAR REGULATORY COMMISSION, REGION II 101 MARIETTA STREET, NW. SUITE 2800 ATLANTA, GA 30223 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 NAME AND MAILING ADDRESS OF APPLICANT Uncludes Zip Code Chemung Contracting Corporation B AMENOMENT TO LICENSE NUMBER \_\_ 1209 Upper Broadway Pine City, New York 14871 Throughout the States of New York, Pennsylvania, Maryland and Delaware, on various construction projects. (607) 737-6200 Edward C. Dalrymple, Jr. AMOUNT 1 540.00 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 TO, CODE OF FEDERAL REGULATIONS PARTS 30, 32, 33, 35, AND 40 AND THAT ALL INFORMATION CONTAINED HEREIN IS TRUE AND CORRECT TO THE BEST OF THEIR KNOWLEDGE AND BELIEF WARNING IS U.S.C. SECTION 1001 ACT OF JUNE 25, 1948, 62 STAT 749 MAKES IT A CRIMINAL OFFICE TO MAKE A WILLFULLY PALSE STATEMENT OR REPRESENTATION. TO ANY DEPARTMENT OR AGENCY OF THE UNITED STATES AS TO ANY MATTER WITHIN ITS JURISDICTION. Edward C. Dalrymple, Jr. 5/13/93 Vice President FOR NRC USE ONLY 14681

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Application for Material License Attachment Chemung Contracting Corporation

# 5. Type and Model of Gauging Device

Troxler 3411 Nuclear Density Gauge

## a. Element and Mass Number

Cesium 137 and Americium 241: Beryllium

## b. & c. Chemical and/or Physical Form and Maximum Amount

Sealed Source as per Troxler Drawing (#A-102112) Maximum of 8 mCi + per source

Sealed Source as per Troxler Drawing (#A-102451)
Maximum of 40 mCi + 10% per source

## 6. Purpose for which licensed material will be used.

To measure moisture and density of construction materials.

7. Individual responsible for radiation safety program and their training and experience.

Edward C. Dalrymple, Jr. Standard two day training by Troxler Electronics Labs, Inc. Fourteen years experience with the nuclear gauge in the construction industry.

8. Training for individuals working in or frequenting restricted areas.

Each employee will complete the Troxler Standard Training Course before being permitted to use the device.

# 9. Facilities and equipment.

The device and locked storage case will be stored in a locked closet when not in use or chained to the transport vehicle to prevent access by unauthorized persons.

# 10. Radiation safety program.

The corporate "Radiation Protection Program" consists of the following general operations and precautions.

- The nuclear instrument will not be operated by any person other than those qualified persons listed in the license application.
- The source of radiation will be kept in the "SAFE" position and properly stored when not in use.

Application for Material License Attachment Chemung Contracting Corporation 10. Radiation Safety Program (continued)

- 3. A film badge, being on a monthly exchange program with Landauer, will be worn by all operators when using or transporting the nuclear device.
- 4. At no time will the bare source of radiation be exposed to the public or the operator of the instrument.
- 5. No authorized persons will be allowed any nearer than 15 feet from the instrument when it is in operation.
- 6. The nuclear instrument will be stored in its locked storage case, issued by Troxler, in a locked closet with keys to the closet being issued only to the trained operators of the instrument. The closet is located inside a locked building.
- 7. Leak test measurements will be carried out periodically as required by the Radioactive Materials License. Leak test measurements will be performed by the qualified licensed laboratory, in all probability the laboratory of Troxler Electronics.
- 8. It is the duty of all operators to immediately contact the Radiological Safety Officer if they have any questions regarding the safe operation of the instrument.
- 9. The Safety Officer will conduct a quarterly physical inventory to account for all sealed sources received and possessed under his license. The record will be maintained for inspection.
- 10. Reports from film badges service (Landauer) will be maintained for inspection.
- 11. When an individual terminates employment with a licensee, a record of his total received dose must be made available to the employee.
- 12. The Safety Officer will report any theft or loss of licensed material by telephone to the appropriate state agency. Within thirty days after the loss, a written report must be filed giving detailed description of the source, circumstances of the loss, statement of disposition, possible radiation exposures or hazard, actions taken to recover the source and procedures which will be implemented to prevent a recurrence of the loss or theft.
- 13. The Safety Officer will report any overexposure of operators which exceeds the limits given in Industrial Code Rule 33, detailing circumstances of the exposure and possible injury.

Application for Material License Attachment Chemune Contracting Corporation 10. Lide tion Safety Program (continued)

- 14. No personnel may transport or use the nuclear gauge unless the individual has been approved by the radiological safety officer and the requirements of these procedures are met.
- 15. At the termination of each field use, the nuclear gauge will be transferred to its regular storage area.
- 16. In the event of physical damage to the gauge, the Safety Officer will be notified and a six feet radius exclusion area will be maintained until the extent of source damage, if any, is determined. If a vehicle is involved, it will be stopped and remain stopped until the extent of the contamination hazard, if any, is determined. If visual examination of the instrument and source rod indicated damage to the source rod tip, including fracture of the tip or weld, the Safety Officer will notify the Department of Health and Troxler Electronic Laboratories, Inc. and keep personnel clear of the instrument. If possible, the instrument will be removed from the site by using a shovel or other long handled instrument and placed in a suitable container such as a metal drum. Provisions will be made to have the site surveyed after the removal of the instrument to determine if a breakage has occurred. Disposition by the factory will be arranged after a leak test has been performed to determine the integrity of the source before transport back to the factory.
- 17. It is the duty of the Safety Officer to insure the safe and proper transportation of the nuclear instrument by motor vehicle under "Yellow II" label without placarding. It is also his duty to assure by certification that any shipper other than Chemung Contracting Corporation is properly certified, packed, marked, and labeled to handle radioactive material.

## 11. Waste Management

Disposal will be by transfer of the radioactive material to a licensee specifically authorized to possess it.

LICENSE FEE MANAGEMENT RRANCH, ARM PROGRAM CODE: 03121 STATUS CODE: 3 FEE CATEGORY: REGIONAL LICENSING SECTIONS EXP. DATE: 0 FEE COMMENTS: \_\_\_\_\_\_ DECOM FIN ASSUR REDD: \_ LICENSE FEE TRANSMITTAL REGION Z APPLICATION ATTACHED APPLICANTILICENSES: CHEMUNG CONTRACTING CORPORATION RECEIVED DATE: DOCKET NO: 3033136 CONTROL NO. : 113105 LICENSE NO.: ACTION TYPE: NEW LICENSEE 2. FES ATTACHED AMOUNT: CHECK NO.: 3. COMMENTS SIGNED M. a. Perkine B. LICENSE FEE MANAGEMENT BRANCH (CHECK WHEN MILESTONE DE IS ENTERED PER CATEGORY AND AMOUNT: 3/ CORRECT FEE PAID. 1: TOATION MAY BE PROCESSED FORE AMENDMENT RENEWAL LICENSE DT HER DATE

BETWEENS

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INFORMATION FROM LIS

# DIVISION OF ACCOUNTING AND FINANCE REQUEST FOR REFUND TO EMPLOYEE/VENDOR

THE EMPLOYEE/VENDOR IDENTIFIED BELOW HAS OVERPAID THE NUCLEAR REGULATORY COMMISSION FOR GOODS OR SERVICES PROVIDED AND IS DUE A REFUND.

PD \$540,000 APPL DTD 5/13/93