

NRC FORM 313  
(10-2005)  
10 CFR 30, 32, 33,  
34, 35, 36, 39, and 40

U.S. NUCLEAR REGULATORY COMMISSION

APPROVED BY OMB: NO. 3150-0120

EXPIRES: 10/31/2008

Estimated burden per response to comply with this mandatory collection request: 4.4 hours. Submittal of the application is necessary to determine that the applicant is qualified and that adequate procedures exist to protect the public health and safety. Send comments regarding burden estimate to the Records and FOIA/Privacy Services Branch (T-5 F53), U.S. Nuclear Regulatory Commission, Washington, DC 20555-0001, or by internet e-mail to infocollects@nrc.gov, and to the Desk Officer, Office of Information and Regulatory Affairs, NEOB-10202, (3150-0120), Office of Management and Budget, Washington, DC 20503. If a means used to impose an information collection does not display a currently valid OMB control number, the NRC may not conduct or sponsor, and a person is not required to respond to, the information collection.

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 MATERIALS SAFETY AND SAFEGUARDS  
U.S. NUCLEAR REGULATORY COMMISSION  
WASHINGTON, DC 20555-0001

ALL OTHER PERSONS FILE APPLICATIONS AS FOLLOWS:

IF YOU ARE LOCATED IN:

ALABAMA, CONNECTICUT, DELAWARE, DISTRICT OF COLUMBIA, FLORIDA, GEORGIA, KENTUCKY, MAINE, MARYLAND, MASSACHUSETTS, MISSISSIPPI, NEW HAMPSHIRE, NEW JERSEY, NEW YORK, NORTH CAROLINA, PENNSYLVANIA, PUERTO RICO, RHODE ISLAND, SOUTH CAROLINA, TENNESSEE, VERMONT, VIRGINIA, VIRGIN ISLANDS, OR WEST VIRGINIA, SEND APPLICATIONS TO:

LICENSING ASSISTANCE TEAM  
DIVISION OF NUCLEAR MATERIALS SAFETY  
U.S. NUCLEAR REGULATORY COMMISSION, REGION I  
475 ALLENDALE ROAD  
KING OF PRUSSIA, PA 19406-1415

IF YOU ARE LOCATED IN:

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

MATERIALS LICENSING BRANCH  
U.S. NUCLEAR REGULATORY COMMISSION, REGION III  
2443 WARRENVILLE ROAD, SUITE 210  
LISLE, IL 60532-4352

NMSS2

ALASKA, ARIZONA, ARKANSAS, CALIFORNIA, COLORADO, HAWAII, IDAHO, KANSAS, LOUISIANA, MONTANA, NEBRASKA, NEVADA, NEW MEXICO, NORTH DAKOTA, OKLAHOMA, OREGON, PACIFIC TRUST TERRITORIES, SOUTH DAKOTA, TEXAS, UTAH, WASHINGTON, OR WYOMING, SEND APPLICATIONS TO:

NUCLEAR MATERIALS LICENSING BRANCH  
U.S. NUCLEAR REGULATORY COMMISSION, REGION IV  
611 RYAN PLAZA DRIVE, SUITE 400  
ARLINGTON, TX 76011-4005

L 31249  
03037478  
03240

(37-31249-02 G)

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 (Include ZIP code)

Conco Systems, Inc  
701 Seldon Ave  
Verona, Pa 15147

3. ADDRESS WHERE LICENSED MATERIAL WILL BE USED OR POSSESSED

Conco Systems, Inc  
701 Seldon Ave  
Verona, Pa 15147

4. NAME OF PERSON TO BE CONTACTED ABOUT THIS APPLICATION

Edward L Williams III

TELEPHONE NUMBER

(412) 828-5223

RECEIVED  
REGION 1  
2007 MAY 29 PM 1:19

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 EXPERIENCE.

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

9. FACILITIES AND EQUIPMENT.

10. RADIATION SAFETY PROGRAM.

11. WASTE MANAGEMENT.

12. LICENSE FEES (See 10 CFR 170 and Section 170.31)

FEE CATEGORY 3Q

AMOUNT ENCLOSED \$ 730.00

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, 36, 39, 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.

CERTIFYING OFFICER -- TYPED/PRINTED NAME AND TITLE

Edward L Williams III, RSO

SIGNATURE

DATE

05/11/2007

FOR NRC USE ONLY

TYPE OF FEE	FEE LOG	FEE CATEGORY	AMOUNT RECEIVED	CHECK NUMBER	COMMENTS
			\$		
APPROVED BY				DATE	

140568

NMSS/RGN1 MATERIALS-002

**Conco Systems Inc.**  
**Application for Materials License**

**Item 5 - Radioactive material**

- A. Radioisotope- Nickel 63
- B. Electron Capture Cell Model Number N-1001 to be mounted by SRI Instruments.
- C. No source to exceed 10 millicuries. Total possession 10 sources. Use as listed on SSD Certificate.

**Item 6 - Purpose for which the licensed material will be used**

Material to be used in the manufacture and distribution of the Conco Model 101 Fluorotracer Analyzer in accordance with NRC regulation 10 CFR 32 to generally licensed recipients in accordance with NRC regulation 10 CFR 31.5.

**Item 7 - Individual responsible for Radiation Safety Program and their training and experience**

Edward L Williams

Before obtaining licensed materials, the proposed RSO will have successfully completed one of the training courses described in the Criteria section entitled "Individuals Responsible for Radiation Safety Program and Their Training and Experience-Radiation Safety Officer" in NUREG-1556, Vol. 1, Rev. 1, dated November 2001.

**Item 8 - Training for Individuals Working in or Frequenting Restricted Areas**

Before using licensed materials, authorized users will have successfully completed one of the training courses described in Criteria in the section entitled

**Item 8 - Continued**

“Training for Individuals Working in or Frequenting Restricted Areas” in NUREG 1556, Vol. 1, Rev 1, dated November 2001.

**Item 10 – Radiation Safety Program**

We will either possess and use, or have access to and use, a radiation safety meter that meets the Criteria in the section entitled “Radiation Safety Program – Instruments” in NUREG-1556, Vol. 1, Rev. 1, dated November 2001.

Physical inventories will be conducted at intervals not to exceed six months, to account for all sealed sources and devices received and possessed under the license.

We will maintain, for inspection by the NRC, documentation demonstrating that unmonitored individuals are not likely to receive a radiation dose in excess of ten percent of the allowable limits in 10 CFR Part 20.

We will implement and maintain the operating and emergency procedures in Appendix H of NUREG 1556, Vol. 1, Rev. 1, dated November 2006, and provide copies of these procedures to all gauge users and at each job site.

Leak tests will be performed at intervals approved by the NRC or Agreement State and specified in the Sealed Source and Device Registration Sheet. Leak tests will be performed by an organization authorized by the NRC or an Agreement State to provide leak detection services for other licensees or using a leak test kit supplied by an organization authorized by the NRC or an Agreement State to provide leak test kits to other licensees and according to the kit supplier's

## **Item 10 - Continued**

instructions. The leak test shall be capable of detecting the presence of .005 microcurie of radioactive material on the test sample. The test shall be taken from the surfaces of the device in which the foil is mounted or stored on which one might expect contamination to accumulate. Records of the leak test results shall be kept in units of microcuries and maintained for inspection by the Department. If the test reveals the presence of .005 microcurie or more of removable contamination, the licensee shall immediately withdraw from use and shall cause it to be decontaminated and repaired or to be disposed of in accordance with department regulations.

We will implement and maintain procedures for routine maintenance of our gauges according to the manufacture's recommendations and instructions.

We will send the gauge to the manufacturer or other person authorized by the NRC or an Agreement State to perform non-routine maintenance or repair operations that require the removal of the source from the gauge.

This is to acknowledge the receipt of your letter/application dated

5/11/2007, and to inform you that the initial processing which includes an administrative review has been performed.

**NEW LICENSE APPLICATIONS (03037477) (03037478)**  
There were no administrative omissions. Your application was assigned to a technical reviewer. Please note that the technical review may identify additional omissions or require additional information.

Please provide to this office within 30 days of your receipt of this card

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A copy of your action has been forwarded to our License Fee & Accounts Receivable Branch, who will contact you separately if there is a fee issue involved.

Your action has been assigned Mail Control Number 140567/140568  
When calling to inquire about this action, please refer to this control number.  
You may call us on (610) 337-5398, or 337-5260.

BETWEEN: : (FOR LFMS USE)  
 : INFORMATION FROM LTS  
 : -----  
 :  
 License Fee Management Branch, ARM : Program Code: 03240  
 and : Status Code: 3  
 Regional Licensing Sections : Fee Category: \_\_\_\_\_  
 : Exp. Date: 0  
 : Fee Comments: \_\_\_\_\_  
 : Decom Fin Assur Req'd: \_  
 : ::

LICENSE FEE TRANSMITTAL

A. REGION I

1. APPLICATION ATTACHED  
 Applicant/Licensee: CONCO SYSTEMS, INC.  
 Received Date: 20070529  
 Docket No: 3037478  
 Control No.: 140568  
 License No.: 37-31249-02 G  
 Action Type: New License

2. FEE ATTACHED  
 Amount: \_\_\_\_\_  
 Check No.: /

3. COMMENTS REF. 140567

Signed W. A. Peltier  
 Date 5/30/2007

B. LICENSE FEE MANAGEMENT BRANCH (Check when milestone 03 is entered /\_\_/) \_\_\_\_\_

- 1. Fee Category and Amount: \_\_\_\_\_
- 2. Correct Fee Paid. Application may be processed for:
  - Amendment \_\_\_\_\_
  - Renewal \_\_\_\_\_
  - License \_\_\_\_\_
- 3. OTHER \_\_\_\_\_

Signed \_\_\_\_\_  
 Date \_\_\_\_\_