



UNITED STATES  
NUCLEAR REGULATORY COMMISSION  
REGION III  
801 WARRENVILLE ROAD  
LISLE, ILLINOIS 60532-4351  
JUL 21 2003

KIII

Dee Ann Kaiser  
Radiation Safety Officer  
Covance Laboratories Inc.  
3301 Kinsman Blvd.  
Madison, WI 53704

Dear Ms. Kaiser:

Enclosed is Amendment No. 29 to your NRC Material License No. 48-11805-02 in accordance with your request. Please note that the changes made to your license are printed in **bold font**.

- A. Please review the enclosed document carefully and be sure that you understand all conditions. If there are any errors or questions, please notify the U.S. Nuclear Regulatory Commission, Region III office at (630) 829-9887 so that we can provide appropriate corrections and answers.


You will be periodically inspected by NRC. Failure to conduct your program in accordance with NRC regulations, license conditions, and representations made in your license application and supplemental correspondence with NRC will result in enforcement action against you. This could include issuance of a notice of violation, or imposition of a civil penalty, or an order suspending, modifying or revoking your license as specified in the General Statement of Policy and Procedure for NRC Enforcement Actions. Since serious consequences to employees and the public can result from failure to comply with NRC requirements, prompt and vigorous enforcement action will be taken when dealing with licensees who do not achieve the necessary meticulous attention to detail and the high standard of compliance which NRC expects of its licensees.

- B. In letters dated November 22, 2002, January 31, 2003, and March 13, 2003, you contacted the U.S. Nuclear Regulatory Commission and indicated that you wished to amend your byproduct materials license no. 48-11805-02 to remove the location of use at 802 Deming Way, Madison, Wisconsin from your license that is no longer being used for radioactive materials activities.

The NRC staff has reviewed your final status surveys. Based on its review, the staff has concluded that all licensable radioactive material has been removed from the facilities described in the correspondence above and residual radioactive material attributable to licensed activities does not exceed current NRC criteria.

Based on these conclusions no further remediation or actions with respect to NRC regulated material is required. The referenced facilities are suitable for unrestricted use.

Information in this record was deleted  
in accordance with the Freedom of Information  
Act, exemptions 2  
FOIA- 2005-0293

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312042

If you have any questions or comments regarding our handling of your license in this situation, please call me at (630) 829-9841. Or, if it is more appropriate, please contact the radiological health department for the regulatory authority for the State of Wisconsin.

Sincerely,

A handwritten signature in cursive script that reads "Colleen C. Casey".

Colleen C. Casey  
Materials Licensing Branch

License No. 48-11805-02  
Docket No. 030-18286

Enclosure: Amendment No. 29

**MATERIALS LICENSE**

Pursuant to the Atomic Energy Act of 1954, as amended, the Energy Reorganization Act of 1974 (Public Law 93-438), and Title 10, Code of Federal Regulations, Chapter I, Parts 30, 31, 32, 33, 34, 35, 36, 39, 40, and 70, and in reliance on statements and representations heretofore made by the licensee, a license is hereby issued authorizing the licensee to receive, acquire, possess, and transfer byproduct, source, and special nuclear material designated below; to use such material for the purpose(s) and at the place(s) designated below; to deliver or transfer such material to persons authorized to receive it in accordance with the regulations of the applicable Part(s). This license shall be deemed to contain the conditions specified in Section 183 of the Atomic Energy Act of 1954, as amended, and is subject to all applicable rules, regulations, and orders of the Nuclear Regulatory Commission now or hereafter in effect and to any conditions specified below.

PC 03620

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Licensee

In accordance with letters dated

November 22, 2002, January 31, 2003, and March 13, 2003,

1. Covance Laboratories Inc.

3. License number 48-11805-02 is amended in its entirety to read as follows:

2. 3301 Kinsman Blvd.  
Madison, WI 53704

4. Expiration date November 30, 2011

5. Docket No. 030-18286  
Reference No.

6. Byproduct, source, and/or special nuclear material

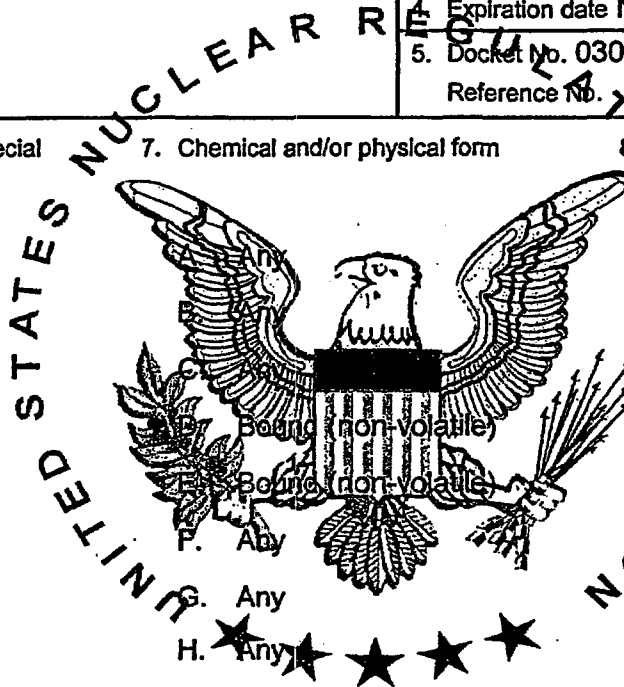
7. Chemical and/or physical form

8. Maximum amount that licensee may possess at any one time under this license

- A. Hydrogen-3
- B. Carbon-14
- C. Sulfur-35
- D. Iodine-125
- E. Iodine-131
- F. Chromium-51
- G. Calcium-45
- H. Gadolinium-153
- I. Nickel-63

- A. Any
- B. Solid (non-volatile)
- C. Solid (non-volatile)
- F. Any
- G. Any
- H. Any
- I. Foil or plated sources for which a sealed source and device registration certificate has been issued by the U.S. Nuclear Regulatory Commission pursuant to 10 CFR 32.210(e) or by an Agreement State.

- A. 2 curies
- B. 2 curies
- C. 100 millicuries
- D. 100 millicuries
- E. 50 millicuries
- F. 50 millicuries
- G. 50 millicuries
- H. 10 millicuries
- I. No single source to exceed 15 millicuries. Total possession not to exceed 1 curie



9. Authorized Use:

A. through H. For use in research and development as defined in 10 CFR 30.4, and animal research.

**MATERIALS LICENSE  
SUPPLEMENTARY SHEET**

License Number  
48-11805-02

Docket or Reference Number  
030-18286

Amendment No. 29

- I. For use in gas chromatographs in accordance with the provisions of appropriate NRC and Agreement State sealed source and device registration certificates.

CONDITIONS

10. Licensed material shall be used at the licensee's facilities located at Covance Laboratories Inc.,  
[ ] Madison, Wisconsin. Ex 2
11. A. The Radiation Safety Officer for the activities authorized by this license is Dee Ann Kaiser.  
B. Licensed material shall be used by or under the supervision of individuals designated by the Radiation Safety Officer. The licensee shall maintain records of individuals designated as users.
12. A. Sealed sources and detector cells shall be tested for leakage and/or contamination at intervals not to exceed 6 months or at such other intervals as specified by the certificate of registration referred to in 10 CFR 32.210.  
B. In the absence of a certificate from a transferor indicating that a leak test has been made within 6 months prior to the transfer, a sealed source or detector cell received from another person shall not be put into use until tested.  
C. Sealed sources need not be leak tested if:  
(i) they contain only Hydrogen-3; or  
(ii) they contain only a radioactive gas; or  
(iii) the half-life of the isotope is 30 days or less; or  
(iv) they contain not more than 100 microcuries of beta and/or gamma emitting material or not more than 10 microcuries of alpha emitting material; or  
(v) they are not designed to emit alpha particles, are in storage, and are not being used. However, when they are removed from storage for use or transferred to another person, and have not been tested within the required leak test interval, they shall be tested before use or transfer. No sealed source or detector cell shall be stored for a period of more than 10 years without being tested for leakage and/or contamination.  
D. The leak test shall be capable of detecting the presence of 0.005 microcurie of radioactive material on the test sample. If the test reveals the presence of 0.005 microcurie or more of removable contamination, a report shall be filed with the U.S. Nuclear Regulatory Commission in accordance with 10 CFR 30.50(b)(2), and the source shall be removed immediately from service and decontaminated, repaired, or disposed of in accordance with Commission regulations.

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The report shall be filed within 5 days of the date the leak test result is known with the U.S. Nuclear Regulatory Commission, Region III, ATTN: Chief, Nuclear Materials Safety Branch, 801 Warrenville Road, Lisle, Illinois 60532-4351. The report shall specify the source involved, the test results, and corrective action taken.

- E. Tests for leakage and/or contamination shall be performed by the licensee or by other persons specifically licensed by the Commission or an Agreement State to perform such services.
13. The licensee shall conduct a physical inventory every six (6) months to account for all sealed sources received and possessed under the license. The records of the inventories shall be maintained for two (2) years from the date of the inventory for inspection by the Commission, and shall include the quantities and kinds of byproduct material, manufacturer's name and model numbers, location of sealed sources and the date of the inventory.
  14. Sealed sources containing licensed material shall not be opened.
  15. Except as otherwise specified in this license, the licensee shall have available and follow the instructions contained in the manufacturer's instruction manual for the chromatography device.
  16. Maintenance, repair, cleaning, replacement, and disposal of scintillation detector cells shall be performed only by the device manufacturer or other persons specifically authorized by the Commission or an Agreement State to perform such services.
  17. Experimental animals administered licensed materials as their products shall not be used for human consumption.
  18. Pursuant to Sections 20.1302(c) and 20.2002 of 10 CFR Part 20, the licensee is authorized to dispose of licensed material by incineration provided the gaseous effluent from incineration does not exceed the limits specified for air in Appendix B, Table II, 10 CFR Part 20.
  19. Pursuant to 10 CFR 20.2002, the licensee may dispose of incinerator ash containing radioactive materials other than those isotopes listed below, as ordinary waste in a landfill, provided the concentrations of the isotopes, expressed in  $\mu\text{Ci}$  per gram of ash, at the time of disposal, do not exceed the numerical values listed in Table II, Column 2, 10 CFR 20, Appendix B. Isotopes not included are hydrogen-3 and carbon-14, for which the concentrations must not exceed 10 percent of the values listed in Table II, Column 2, 10 CFR Part 20, Appendix B.
  20. This license does not authorize commercial distribution of licensed material.
  21. The licensee is authorized to hold radioactive material with a physical half-life of less than 90 days for decay-in-storage before disposal in ordinary trash provided:
    - A. Radioactive waste to be disposed of in this manner shall be held for decay a minimum of 10 half-lives.

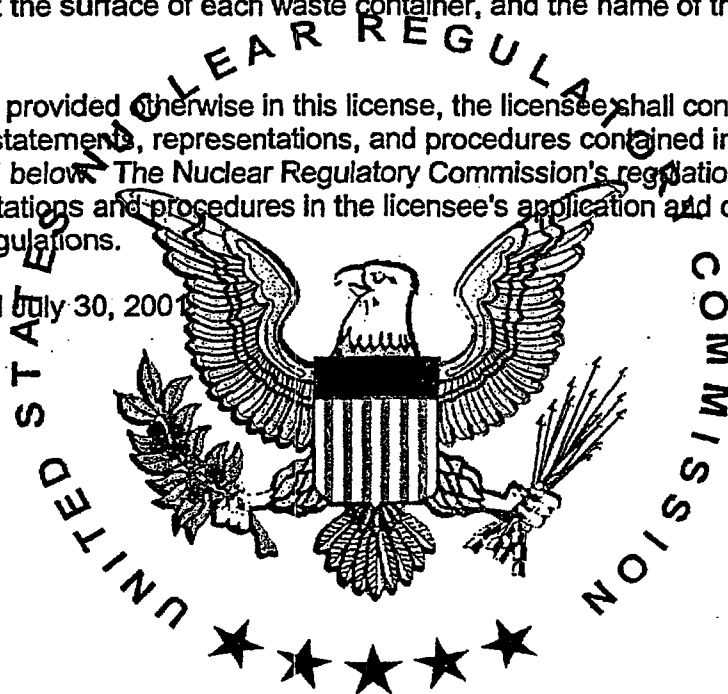
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- B. Before disposal as ordinary trash, byproduct material shall be surveyed at the container surface with the appropriate survey meter set on its most sensitive scale and with no interposed shielding to determine that its radioactivity cannot be distinguished from background. All radiation labels shall be removed or obliterated.
  - C. A record of each disposal permitted under this License Condition shall be retained for three years. The record must include the date of disposal, the date on which the byproduct material was placed in storage, the radionuclides disposed, the survey instrument used, the background dose rate, the dose rate measured at the surface of each waste container, and the name of the individual who performed the disposal.
22. Except as specifically provided otherwise in this license, the licensee shall conduct its program in accordance with the statements, representations, and procedures contained in the documents including any enclosures, listed below. The Nuclear Regulatory Commission's regulations shall govern unless the statements, representations and procedures in the licensee's application and correspondence are more restrictive than the regulations.
- A. Application dated July 30, 2001



FOR THE U.S. NUCLEAR REGULATORY COMMISSION

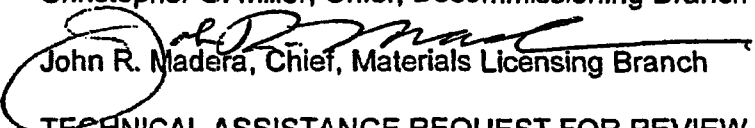
Date JUL 21 2003

By Colleen C. Casey  
Colleen C. Casey  
Materials Licensing Branch  
Region III



UNITED STATES  
NUCLEAR REGULATORY COMMISSION  
REGION III  
801 WARRENVILLE ROAD  
LISLE, ILLINOIS 60532-4351  
JAN 22 2003

B-03

MEMORANDUM FOR: Christopher G. Miller, Chief, Decommissioning Branch  
FROM:   
John R. Madera, Chief, Materials Licensing Branch  
SUBJECT: TECHNICAL ASSISTANCE REQUEST FOR REVIEW OF  
DECOMMISSIONING RESULTS SUBMITTED BY COVANCE  
LABORATORIES INC. FOR 802 DEMING WAY FACILITY

We have received a letter dated November 22, 2002, that contains the decommissioning results for the 802 Deming Way facility in Madison, Wisconsin. The licensee wants to delete authorization for this building from its NRC License No. 48-11805-02 and needs approval to release the building for unrestricted use. The licensee's decommissioning results are attached to the November 22, 2002 letter.

Upon receipt of NRC approval to release the 802 Deming Way facility for unrestricted use the licensee intends to terminate its lease agreement at that location and consolidate its activities at its [ ] location in Madison, Wisconsin, a previously authorized site. Ex 2

Please review the enclosed decommissioning results and advise us whether it is adequate for the purpose of releasing the 802 Deming Way, Madison, Wisconsin facility for unrestricted use. Please also advise us whether this activity requires an Environmental Assessment or does it fall under a categorical exclusion pursuant to 10 CFR 51.22(c)(14). If the licensee needs to submit additional information please indicate which specific deficiencies remain.

As this request is part of a pending amendment, we would appreciate your findings as soon as possible, in order to meet timeliness goals.

Please contact Colleen C. Casey at (630) 829-9841 if you have any questions. Your assistance in this review is greatly appreciated.

License No. 48-11805-02  
Docket No. 030-18286

cc: M. Dapas, RIII

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