

## MATERIALS LICENSE

Amendment No. 10

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, 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.

## Licensee

1. CIBA-GEIGY Corporation  
Toms River Plant
2. P.O. Box 71  
Toms River, New Jersey 08753

In accordance with application dated  
June 29, 1987,

3. License number 29-09009-02 is amended in  
its entirety to read as follows:

4. Expiration date August 31, 1992

5. Docket or  
Reference No. 030-08786

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. Cesium 137

A. Sealed Sources

A. See Item 9.A.

9. Authorized use

- A. For possession and use in Kay Ray, Accuray, Ohmart, LFE or Texas Nuclear devices which have been evaluated and approved for licensing purposes and authorized for distribution under a license issued by the Nuclear Regulatory Commission or an Agreement State.

## CONDITIONS

10. Licensed material shall be used only at the licensee's Facility on Route 37, Toms River, New Jersey.
11. Licensed material shall be used by, or under the supervision of,  
H. Ray Wheeler.
12. Sealed sources or detector cells containing licensed material shall not be opened or sources removed from detector cells by the licensee.
13. A. Sealed sources contained in devices manufactured by Kay Ray, Accuray, Ohmart, LFE, or Texas Nuclear, shall be tested for leakage and/or contamination at intervals not to exceed 6 months. The test may be conducted at 3 year intervals provided the sources have been authorized by the Commission (or an Agreement State) for a three year leak test interval. Any source which is received from another person which is not accompanied by a certificate indicating that a test was performed within 6 months before the transfer shall not be put into use until tested.  
  
B. Any sealed source or detector cell in storage and not being used need not be tested. When the source or detector cell is removed from storage for use or transfer to another person, it shall be tested before use or transfer.

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MATERIALS LICENSE  
SUPPLEMENTARY SHEET

License number

29-09009-02

Docket or Reference number

030-08786

Amendment No. 10

(13. continued)

## CONDITIONS

- C. The 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, the source or detector cell shall be removed from service and decontaminated, repaired, or disposed of in accordance with Commission regulations. A report shall be filed within 5 days of the date the leak test result is known with the U.S. Nuclear Regulatory Commission, Region I, ATTN: Chief, Nuclear Materials Safety and Safeguards Branch, 631 Park Avenue, King of Prussia, Pennsylvania 19406. The report shall specify the source involved, the test results, and corrective action taken. Records of leak test results shall be kept in units of microcuries and shall be maintained for inspection by the Commission. Records may be disposed of following Commission inspection.
- D. 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.
14. Installation, initial radiation survey, relocation, removal from service, maintenance, and repair of devices containing sealed sources shall be performed by Louis Antonio Ortiz or by persons specifically licensed by the Commission or an Agreement State to perform such services. Installation, replacement, and disposal of sealed sources shall be performed only by persons specifically licensed by the Commission or an Agreement State to perform such services.
15. The licensee shall conduct a physical inventory every 6 months to account for all sources and/or devices received and possessed under the license. Records of inventories shall be maintained for 2 years from the date of each inventory.
16. 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 May 5, 1982  
B. Letter dated July 8, 1982  
C. Application dated June 29, 1987

For the U.S. Nuclear Regulatory Commission

Date AUG 14 1987Original Signed By:  
By John E. Glenn  
Nuclear Materials Safety and  
Safeguards Branch, Region I  
King of Prussia, Pennsylvania 19406