

**MATERIALS LICENSE  
SUPPLEMENTARY SHEET**

License number

13-18883-01

Docket or Reference number

030-14305

Amendment No. 05

The Pillsbury Company  
3301 Grantline Road  
New Albany, IN 47150

In accordance with letter dated July 21, 1987, License Number 13-18883-01 is amended as follows:

Subitems 6.B., 7.B., 8.B., and 9.B. are amended as follows:

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
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B. Cesium-137

B. Sealed Sources

B. See Item 9.B.

9. Authorized Use

B. For possession and use in Texas Nuclear devices which have been evaluated and approved for licensing purposes and authorized for distribution under a license issued by the U.S. Nuclear Regulatory Commission or an Agreement State.

Conditions 12., 13., 15. and 17. are amended as follows:

12. Licensed material shall be used by, or under the supervision of, John R. Hayes or Paul Kremer.

13. A. (1) The source(s) specified in Item(s) 7.A. and 7.B. shall be tested for leakage and/or contamination at intervals not to exceed 3 years. Any source 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.

(2) Notwithstanding the periodic leak test required by this condition, any licensed sealed source is exempt from such leak tests when the source contains 100 microcuries or less of beta and/or gamma emitting material or 10 microcuries or less of alpha emitting material.

B. Any source in storage and not being used need not be tested. When the source is removed from storage for use or transfer to another persons, it shall be tested before use or transfer.

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- 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 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 III, 799 Roosevelt Road, Glen Ellyn, Illinois 60137, ATTN: Chief, Nuclear Materials Safety and Safeguards Branch. 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. The licensee is authorized to collect leak test samples for analysis by Texas Nuclear or tests for leakage and/or contamination shall be performed by persons specifically licensed by the Commission or an Agreement State to perform such services.
15. Installation, initial radiation survey, relocation, or removal from service of devices containing sealed sources shall be performed by John R. Hayes or Paul Kreamer or by persons specifically licensed by the Commission or an Agreement State to perform such services. Maintenance and repair of devices and 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.
17. 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. Applications dated February 7, 1980 and March 8, 1982; and
- B. Letters dated February 25, 1980, March 16, 1982, July 9, 1984 (with attachments), June 14, 1985 (with attached application), September 12, 1985 and July 21, 1987.

For the U.S. Nuclear Regulatory Commission

Date August 4, 1987

Original Signed  
By Patricia M. Vacherlon  
Materials Licensing Section, Region III

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