

MATERIALS LICENSE

Amendment No. 17
CORRECTED COPY

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.

<p>Licensee</p> <p>1. Kraft Foods, Inc.</p> <p>2. 1 Kraft Court Glenview, IL 60025</p>	<p>In accordance with the letter dated June 19, 1996 3. License Number 12-16690-01 is amended in its entirety to read as follows:</p> <p>4. Expiration Date January 31, 2001</p> <p>5. Docket or Reference No. 030-11485</p>	
<p>6. Byproduct, Source, and/or Special Nuclear Material</p> <p>A. Cesium-137</p> <p>B. Cesium-137</p> <p>C. Americium-241</p> <p>D. Cesium-137</p>	<p>7. Chemical and/or Physical Form</p> <p>A. Sealed sources (Kay-Ray, Inc.)</p> <p>B. Sealed sources (Texas Nuclear)</p> <p>C. Sealed sources (Amersham Corporation Model AMC-65)</p> <p>D. Sealed sources (Berthold Dwg. No. P-2623-10)</p>	<p>8. Maximum Amount that Licensee May Possess at Any One Time Under This License</p> <p>A. 850 millicuries (See Item 9.A.)</p> <p>B. 2000 millicuries (See Item 9.B.)</p> <p>C. No single source to exceed 100 millicuries, total of 2500 millicuries</p> <p>D. No single source to exceed 20 millicuries</p>
<p>9. Authorized Use:</p> <p>A. For possession and use in Kay-Ray 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.</p> <p>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.</p> <p>C. To be used in Controlled Processing, Model JLK 11C source holder for weight control of pasteurized cheese slices.</p> <p>D. To be used in Berthold Systems Model LB 7440D source holder for moisture analysis.</p>		

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CONDITIONS

10. Locations of use:

- A. Licensed material listed in Items 6.A. and 6.D. shall only be used at 1007 Townline Road, Wausau, Wisconsin.
- B. Licensed material listed in Item 6.B. shall only be used at 2525 Bridge Street, New Ulm, Minnesota and 7352 Industrial Blvd., Allentown, Pennsylvania.
- C. Licensed materials listed in Item 6.C. shall only be used at 7352 Industrial Blvd., Allentown, Pennsylvania, 2035 E. Bennett, Springfield, Missouri or 2525 Bridge Street, New Ulm, Minnesota.

11. A. Licensed material shall be used by, or under the supervision of, the following persons at the specified locations:

Allentown, PA

Robert Kreniky
Russell Beltz
Robert Brenner
Bret Ewing
Glen Grady
Jeffrey Morrison
Don Peters
Pete Quier

New Ulm, MN

Chuck Kendell
Gerry Bode
Don Gedrose
Gary Pugh
Steven Yesel
Bill Youngblood
Tim Zell

Springfield, MO

Tom Collins
Brian Lumley

Wausau, WI

John Franke
Mike Joyce
Judith Ninabuck

- B. The Radiation Safety Officer for the activities authorized by this license is Richard F. Pico.

12. Sealed sources containing licensed material shall not be opened or removed from their respective source holders by the licensee.

13. A. The source(s) specified in Item(s) 7.A., 7.B., 7.C. and 7.D. 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.

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- B. 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, 801 Warrenville Road, Lisle, Illinois 60532-4351, ATTN: Chief, Nuclear Materials Safety 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.
- C. The licensee is authorized to collect leak test samples for analysis by the device manufacturer 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.
14. Installation, initial radiation survey, relocation, or removal from service of devices containing sealed sources shall be performed by the source manufacturer 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.
15. The licensee shall operate each gauge within the manufacturer's specified temperature and/or environmental limits such that the shielding and shutter mechanism of the source holder are not compromised.
16. The licensee shall establish "lock-out" procedures to assure that prior to maintenance or repair in or around equipment to which licensed gauges are mounted, steps are taken to terminate the radiation beams, (e.g., "lock-out" shutters, placement of "beam stoppers," etc.) to prevent individuals from entering the radiation beam.
17. The licensee shall assure that the shutter mechanism is locked in the closed position during periods when a portion of an individual's body may be subject to the direct radiation beam. The licensee shall review and modify as appropriate its "lock-out" procedures whenever a new gauge is obtained to incorporate the device manufacturer's recommendations.
18. The licensee shall conduct a physical inventory every six (6) months to account for all gauges 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 the gauges and the date of the inventory.

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19. Each gauge shall be tested for the proper operation of the on-off mechanism and indicator, if any, at no longer than 6-month intervals or at such longer intervals as specified by the manufacturer and approved by NRC.
20. The licensee shall have their survey instruments calibrated at intervals not to exceed one year. The survey instrument shall be calibrated by the instrument manufacturer or by other persons specifically licensed by the U.S. Nuclear Regulatory Commission or an Agreement State to perform such services.
21. In addition to the possession limits in Item 8, the licensee shall further restrict the possession of licensed material to quantities below the minimum limit specified in 10 CFR 30.35(d) for establishing decommissioning financial assurance.
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. Applications dated August 11, 1980, October 20, 1980, August 25, 1987, October 2, 1990; and
 - B. Letters dated February 7, 1985, September 9, 1985, October 25, 1985 (with attachments), November 13, 1987, (except Item 15.), January 28, 1988, March 17, 1988, April 14, 1988, January 25, 1988, April 21, 1989, December 19, 1990, December 26, 1990, April 27, 1994, and June 19, 1996.

FOR THE U.S. NUCLEAR REGULATORY COMMISSION

Date

9/23/96

By

Michael F. White

Nuclear Materials Licensing Branch, Region III

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SEP 24 1996

Richard F. Pico
Radiation Safety Officer
Kraft Foods, Inc.
1 Kraft Court
Glenview, IL 60025

Dear Mr. Pico:

It has come to our attention that Amendment Number 17 to License Number 12-16690-01 issued on July 18, 1996 contained an error.

Enclosed is a corrected copy reflecting the correction to License Condition No. 10.A. We apologize for any inconvenience this may have caused you.

Sincerely,

Original Signed By
Michael F. Weber
Nuclear Materials Licensing Branch

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Docket No.: 030-11485

Enclosure: Corrected Copy of
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