U.S. NUCLEAR REGULATORY COMMISSION

CORRECTED COPY

Amendment No. 01

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.

Licensee	
1. Thermo Fisher Scientific	In accordance with letter dated February 9, 2009
	3. License number 20-23922-01E is amended in its entirety to read as follows:
2. 27 West Forge Parkway Franklin, MA 02038	4. Expiration date April 30, 2015
	5. Docket No. 030-36808 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. Carbon-14	A. RC TRITEC AG model No. WA-1186 Check Source (Barium Carbonate)	A. Not Applicable (see License Condition No. 11

9. Authorized use:

Pursuant to Section 32.26, 10 CFR Part 32, "Specific Domestic Licenses to Manufacture or Transfer Certain Items Containing Byproduct Material"; the licensee is authorized to distribute gas and aerosol detectors, as specified in Condition 10, to persons exempt from the requirements for a license pursuant to Section 30.20, 10 CFR Part 30, or equivalent provisions of the regulations of any Agreement State.

CONDITIONS

10. The following aerosol detector devices may be distributed pursuant to this license provided the amount of carbon-14 contained in the devices does not exceed the amount specified in the following table :

Device Model	Maximum Quantity per Device
Model FH 62 C14	100 microcuries (maximum)
Model 5030 SHARP Monitor	100 microcuries (maximum)

MATERIALS LICENSE SUPPLEMENTARY SHEET

License Number
20-23922-01E

Docket or Reference Number
030-36808

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CONDITIONS

(Continued)

11. This license does not authorize possession or use of licensed material.

12. The licensee may distribute only from its facilities located at 27 West Forge Parkway, Franklin, Massachusetts 02038.

13. The licensee shall file periodic reports as specified in Section 32.29(c) of 10 CFR Part 32.

14. Except as specifically provided otherwise by 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 U.S. 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 December 31, 2004;
    B. Letter dated March 18, 2005;
    C. Registration Certificate NR-1234-D-101-E;
    D. Letter dated February 9, 2009;
    E. Letter dated February 23, 2009; and
    F. Letter dated May 7, 2009.

FOR THE U.S. NUCLEAR REGULATORY COMMISSION

Date: June 1, 2009

Signed by: **/RA/**

Richard K. Struckmeyer
Licensing Branch
Division of Materials Safety and State Agreements
Office of Federal & State Materials &
Environmental Management Programs
Washington, DC 20555