

January 23, 2006

Mr. Michael Fontenot
Radiation Safety Officer
Process Systems
Thermo MeasureTech
1410 Gillingham Lane
Sugar Land, TX 77478

SUBJECT: QUALITY ASSURANCE PROGRAM APPROVAL FOR RADIOACTIVE
MATERIAL PACKAGES NO. 0545, REVISION 9

Dear Mr. Fontenot:

Enclosed is the Quality Assurance (QA) Program Approval for Radioactive Material Packages No. 0545, Revision No. 9. This Approval satisfies the requirements of 10 CFR 71.17(b) and 71.101(f) for a QA Program approved by the U. S. Nuclear Regulatory Commission (NRC).

This Approval will remain in effect until the expiration date, indicated in Block No. 3. Termination of your materials license does not cause this Approval to be automatically terminated. Please note that Part 71 has no requirement for Agreement State licensees for NRC approval of the QA program. The only QA program approvals required by Part 71 are for NRC licensees and applicants for Certificates of Compliance. Accordingly, unless you can demonstrate a requirement for you to obtain the NRC approval, we expect NRC Approval No. 0545 will be terminated upon its 2008 expiration date.

If you have any questions, please contact G. Michael Karmis of my staff at 301-415-8553.

Sincerely,

/RA/

Robert J. Lewis, Chief
Transportation and Storage Safety
and Inspection Section
Spent Fuel Project Office
Office of Nuclear Material Safety
and Safeguards

Docket No. 71-0545

Enclosure: QA Program Approval
No. 0545, Rev. 9

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OFFICIAL RECORD COPY

0545

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**QUALITY ASSURANCE PROGRAM APPROVAL
FOR RADIOACTIVE MATERIAL PACKAGES**

Pursuant to the Atomic Energy Act of 1954, as amended, the Energy Reorganization Act of 1974, as amended, and Title 10, Code of Federal Regulations, Chapter 1, Part 71, and in reliance on statements and representations heretofore made in Item 5 by the organization named in Item 2, the Quality Assurance Program identified in Item 5 is hereby approved. This approval is issued to satisfy the requirements of Section 71.101 of 10 CFR Part 71. This approval 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.

2. NAME

Thermo MeasureTech

3. EXPIRATION DATE

April 30, 2008

STREET ADDRESS

1410 Gillingham Lane

4. DOCKET NUMBER

71-0545

CITY

Sugar Land

STATE

TX

ZIP CODE

77478

5. QUALITY ASSURANCE PROGRAM APPLICATION DATE(S)

March 19, 1993, February 14, 1994, July 28, 1994, January 8, 2001, January 14, 2003 and October 17, 2005

6. CONDITIONS

1. Activities conducted with regard to transportation packagings under applicable criteria of Appendix B to 10 CFR Part 50 authorized by this approval: procurement, maintenance, repair, and use. All other activities (i.e., design, fabrication, assembly, testing, and modification) shall be satisfied by obtaining certifications from packaging suppliers that these activities were conducted in accordance with an NRC-approved Quality Assurance Program. It shall remain the responsibility of the Quality Assurance Program holder that all transportation activities meet the requirements of 10 CFR 71.101.
2. Records shall be maintained in accordance with the provisions of 10 CFR Part 71. Specifically:
 - a. Records of each shipment of licensed material shall be maintained for 3 years after that shipment [10 CFR 71.91(a)].
 - b. Records providing evidence of packaging quality shall be maintained for 3 years after the life of the packaging [10 CFR 71.91(c)].
 - c. Records describing activities affecting packaging quality shall be maintained for 3 years after this Quality Assurance Program Approval is terminated [10 CFR 71.135].
3. Planned and periodic audits of all aspects of the Quality Assurance Program shall be conducted in accordance with written procedures or checklists, by appropriately trained personnel not having direct responsibility in the areas being audited, in accordance with 10 CFR 71.137.

FOR THE U.S. NUCLEAR REGULATORY COMMISSION

SIGNATURE

/RA/

DATE

January 23, 2006

ROBERT J. LEWIS, CHIEF
TRANSPORTATION AND STORAGE SAFETY AND INSPECTION SECTION
SPENT FUEL PROJECT OFFICE
OFFICE OF NUCLEAR MATERIAL SAFETY AND SAFEGUARDS