

CERTIFICATE OF COMPLIANCE
FOR RADIOACTIVE MATERIALS PACKAGES

1. a. CERTIFICATE NUMBER	b. REVISION NUMBER	c. PACKAGE IDENTIFICATION NUMBER	d. PAGE NUMBER	e. TOTAL NUMBER PAGES
9007	7	USA/9007/B(U)	1	2

2. PREAMBLE

- a. This certificate is issued to certify that the packaging and contents described in Item 5 below, meets the applicable safety standards set forth in Title 10, Code of Federal Regulations, Part 71, "Packaging and Transportation of Radioactive Material."
- b. This certificate does not relieve the consignor from compliance with any requirement of the regulations of the U.S. Department of Transportation or other applicable regulatory agencies, including the government of any country through or into which the package will be transported.

3. THIS CERTIFICATE IS ISSUED ON THE BASIS OF A SAFETY ANALYSIS REPORT OF THE PACKAGE DESIGN OR APPLICATION

a. ISSUED TO (Name and Address)

b. TITLE AND IDENTIFICATION OF REPORT OR APPLICATION

Amersham Corporation
40 North Avenue
Burlington, MA 01803

Tech/Ops, Inc. application dated
October 7, 1985, as supplemented.

c. DOCKET NUMBER

71-9007

4. CONDITIONS

This certificate is conditional upon fulfilling the requirements of 10 CFR Part 71, as applicable, and the conditions specified below.

5.

(a) Packaging

- (1) Model No.: AI 520
- (2) Description

A uranium shielded radiographic device consisting of an ovated 5" OD x 1/8" thick steel tube welded to two, 10-gauge end plates. An opening on each plate gives access to the "S"-shaped titanium tubing which houses the source capsule, source cable assembly, and the end plug. The two end openings are closed with threaded end caps. A lock mechanism is provided at the source cable attachment. Gross weight of the package is approximately 40 pounds.

(3) Drawings

The packaging is constructed in accordance with Tech/Ops, Inc. Drawing Nos. AI 52090, Sheets 1 through 4 and AI 52091, Sheets 1 and 2; and Automation Industries, Inc. Drawing No. 100-520-014, Rev. A.

CONDITIONS (continued)

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5. (b) Contents

(1) Type and form of material

Iridium 192 as sealed sources which meets the requirements of special form radioactive material.

(2) Maximum quantity of material per package.

120 curies

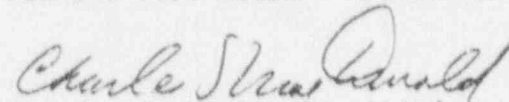
6. The source shall be positioned within the titanium tubing by a source cable assembly which meets the parameters shown in Tech/Ops, Inc. Drawing Nos. 42402-1, Rev. L and 42402-4, Rev. B.
7. The nameplate shall be fabricated of materials capable of resisting the fire test of 10 CFR Part 71 and maintaining its legibility.
8. In addition to the requirements of Subpart G of 10 CFR Part 71:
 - (a) The package shall be prepared for shipment and operated in accordance with Section 7 of the application.
 - (b) Each package must be tested and maintained in accordance with the acceptance tests and maintenance program in Section 8 of the application.
9. The package authorized by this certificate is hereby approved for use under the general license provisions of 10 CFR §71.12.
10. Expiration date: December 31, 1995.

REFERENCES

Tech/Ops, Inc. application dated October 7, 1985.

Supplement dated: November 26, 1985; October 19, and December 21, 1990.

FOR THE U.S. NUCLEAR REGULATORY COMMISSION


Charles E. MacDonald, Chief
Transportation Branch
Division of Safeguards
and Transportation, NMSS

Date: JAN 15 1991



UNITED STATES
NUCLEAR REGULATORY COMMISSION
WASHINGTON, D. C. 20555

JAN 17 1991

APPROVAL RECORD
Model No. AI 520
Certificate of Compliance No. 9007
Revision No. 7

By application dated October 19, 1990, as supplemented December 21, 1990, Amersham Corporation requested that Certificate of Compliance No. 9007 be renewed for a five year period. No changes to the package were requested.

Drawing No. 42402-1 Rev. L has been updated to include source assembly Model Numbers B-8-A and B-8-T.

Revision No. 7 of the certificate of compliance is issued to Amersham Corporation since Amersham has acquired Technical Operations, Inc., the previous certificate holder. Amersham Corporation will be responsible for the maintenance of the certificate, the safety analysis report for the package design, and the quality assurance records in accordance with 10 CFR 571.91(c).

The certificate has been conditioned to require the package to be prepared for shipment, operated, and maintained in accordance with the procedures in the application as supplemented. This includes the preparation of an empty package for shipment.

The certificate of compliance has been renewed for a five year term which expires December 31, 1995.

Charles E. MacDonald
Charles E. MacDonald, Chief
Transportation Branch
Division of Safeguards
and Transportation, NMSS