

U.S. NUCLEAR REGULATORY COMMISSION
CERTIFICATE OF COMPLIANCE
For Radioactive Materials Packages

1.(a) Certificate Number	1.(b) Revision No.	1.(c) Package Identification No.	1.(d) Pages No.	1.(e) Total No. Pages
9011	2	USA/9011/B()	1	2

2. PREAMBLE

- 2.(a) This certificate is issued to satisfy Sections 173.393a, 173.394, 173.395, and 173.396 of the Department of Transportation Hazardous Materials Regulations (49 CFR 170-189 and 14 CFR 103) and Sections 146-19-10a and 146-19-100 of the Department of Transportation Dangerous Cargoes Regulations (46 CFR 146-149), as amended.
- 2.(b) The packaging and contents described in item 5 below, meets the safety standards set forth in Subpart C of Title 10, Code of Federal Regulations, Part 71, "Packaging of Radioactive Materials for Transport and Transportation of Radioactive Material Under Certain Conditions."
- 2.(c) 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—

3.(a) Prepared by (Name and address): Advanced Medical Systems, Inc. 1020 London Road Cleveland, OH 44110	3.(b) Title and identification of report or application: Picker Corporation application dated September 25, 1973.
3.(c) Docket No. 71-9011	

4. CONDITIONS

This certificate is conditional upon the fulfilling of the requirements of Subpart D of 10 CFR 71, as applicable, and the conditions specified in item 5 below.

5. Description of Packaging and Authorized Contents, Model Number, Fissile Class, Other Conditions, and References:

(a) Packaging

(1) Model No.: E-MEH-00-00004

(2) Description

An overpack that provides impact and thermal protection for a teletherapy head assembly. The cubical overpack consists of laminated 2x4 hardwood maple panels bolted together and covered with 16 gage steel panels. Reinforcing steel straps and angles are welded together and spaced to limit the openings between them to less than 6 inches. Skid runners are provided to facilitate fork lift usage. Dimensions of the overpack are 36"x42"x40.5" with a maximum gross weight of 4000 pounds.

(3) Drawings

The packaging is constructed in accordance with the following Picker Corporation Drawing Nos.: D-MEH-00-00004, Sheets 2 thru 10; with teletherapy head Drawing Nos.: A-40064; A-40066; A-40063; A-40065; A-42209 (A thru D); A-42208A; A-0067; A-42211; A-T22-86; C-3800-A; A-42208 (A thru D); E-182545A, and E-18972A.

5. (b) Contents

(1) Type and form of material

Co-60 sealed sources that meet the requirements of special form as defined in 10 CFR §71.4(o). The sources are to be packaged in a secondary inner container (teletherapy head) as described in Item 5(a)(3).

(2) Maximum quantity of material per package

13,680 curies, with a radioactive decay heat load not to exceed 200 watts.

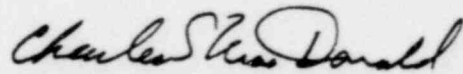
6. The package authorized by this certificate is hereby approved for use under the general license provisions of 10 CFR §71.12(b).

7. Expiration date: March 31, 1986.

REFERENCE

Picker Corporation application dated September 25, 1973.

FOR THE U.S. NUCLEAR REGULATORY COMMISSION



Charles E. MacDonald, Chief
Transportation Certification Branch
Division of Fuel Cycle and
Material Safety

Date: APR 08 1981