

**CERTIFICATE OF COMPLIANCE
FOR RADIOACTIVE MATERIALS PACKAGES**

1. CERTIFICATE NUMBER	2. REVISION NUMBER	3. PACKAGE IDENTIFICATION NUMBER	4. PAGE NUMBER	5. TOTAL NUMBER PAGES
9049	7	USA/9049/B()	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 in 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

Advanced Medical Systems, Inc
 121 North Eagle Street
 Geneva, OH 44041

Advanced Medical Systems, Inc. application
 dated September 28, 1990

c. DOCKET NUMBER 71-9049

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.: GE-500
- (2) Description

Steel encased lead shielded shipping cask. A double-walled steel cylinder protective jacket encloses the cask during transport. It is bolted to a steel pallet. The cask is closed by a lead-filled flanged plug fitted with a silicone rubber gasket and bolted closure. The cavity drain line is closed by either a stainless steel or fusible plug (melting point 500°F). The physical description is as follows:

Cask height, in	29.0
Cask diameter, in	28.0
Cavity height, in	7.0
Cavity diameter, in	7.0
Lead shielding, in	10.0
Protective jacket height, in	38.9
Protective jacket width, in	40.75
Packaging weight, lb	8,100

(3) Drawings

The packaging is constructed in accordance with the following General Electric Company Drawing Nos.:

212E246, Rev. 7	106D3855, Rev. 4
106D3870, Rev. 11	129D4690, Rev. 0
706E790, Rev. 4	

CONDITIONS (continued)

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5. (b) Contents

(1) Type and form of material

Byproduct material meeting the requirements of special form radioactive material.

(2) Maximum quantity of material per package

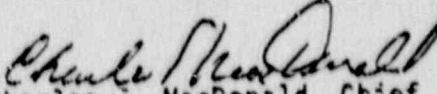
Radioactive decay heat not to exceed 780 watts.

6. Shoring must be provided to minimize movement of contents during accident conditions of transport.
7. Package contents must be delivered to a carrier dry.
8. Prior to each shipment the silicone rubber lid gasket must be inspected. This gasket must be replaced if inspection shows any defects or every 12 months, whichever occurs first. Cavity drain line must be sealed with appropriate sealant applied to threads of pipe plug, or must be permanently closed and sealed.
9. In addition to the requirements of Subpart G of 10 CFR Part 71, the package must be prepared for shipment and operated in accordance with the Operating Procedures of Chapter 7.0, and must be maintained in accordance with the Maintenance Program of Section 8.2 of the application.
10. Fabrication of additional packagings is not authorized.
11. The package authorized by this certificate is hereby approved for use under the general license provisions of 10 CFR §71.12.
12. Expiration date: December 31, 1995.

REFERENCES

Advanced Medical Systems, Inc. application dated: September 28, 1990.

FOR THE U.S. NUCLEAR REGULATORY COMMISSION


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

Date: NOV 21 1990



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

APPROVAL RECORD
Model No. GE-500 Package
Certificate of Compliance No. 9049
Revision No. 7

By application dated September 28, 1990, Advanced Medical Systems, Incorporated, requested renewal of Certificate of Compliance No. 9049 for the Model No. GE-500 package. No changes to the package design were requested.

The applicant submitted a consolidated safety analysis report which included packaging drawings, a maintenance program, and operating procedures. The Certificate of Compliance has been conditioned to require the package to be prepared for shipment and operated in accordance with the Operating Procedures of Chapter 7.0 and to be maintained in accordance with the Maintenance Program of Section 8.2 of the application. Since fabrication of additional packagings is not authorized, no acceptance tests are specified.

Condition 8 of the Certificate of Compliance has been clarified to specify that the drain line may be permanently closed and sealed.

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

Date NOV 21 1990