

71-0688



M.M.P. Quality Inspections, Inc.

February 14, 1994

I.U.S. Nuclear Regulatory Commission
Division of Fuel Cycle and Material Safety
Office of Nuclear Material Safety and Safeguards
Washington, DC 20555

Attention: Mr. Charles E. MacDonald, Chief, Transportation
Certification Branch

Re: device to be added to our QA Program #0688

Dear Mr. MacDonald,

I am writing to request that you register M.M.P. Quality Inspections, Inc. as a user of the Amersham Corporation package model number Gammatron 50A, USA/9126/B(U), certification number 71-9126.

Also, our mailing and street address has now changed to the following:
M.M.P. Quality Inspections, Inc.
1875 Coronado Avenue
Signal Hill, California
90804-1245

I thank you in advance for your assistance with this matter.

Sincerely,

M.M.P. Quality Inspections, Inc.

Alex A. Bagarry III
Alex A. Bagarry III
Quality Control Director, Radiation Safety Officer

cc: Q.C. Files
Maurice Pickard

ORIGINAL

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9403010210 940214
PDR ADDCK 07100688
C PDR

MAILING ADDRESS: 3935 E. BROADWAY, STE. 397 LONG BEACH, CA 90803-6192 • 310/597-3932 FAX • 310/597-6570

NT02

Call # P881 916 793

CERTIFICATE OF COMPLIANCE
FOR RADIOACTIVE MATERIALS PACKAGES

1. a. CERTIFICATE NUMBER 71-9126	b. REVISION NUMBER 6	c. PACKAGE IDENTIFICATION NUMBER USA/9126/B(U)	d. PAGE NUMBER 1	e. TOTAL NUMBER PAGES 3
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REMBLE

- 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
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Amersham Corporation
40 North Avenue
Burlington, MA 01803

Amersham Corporation application dated
March 9, 1989 as supplemented

SECRET NUMBER 71-9126

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

(a) Packaging

- (1) Model Nos. 20, 20A, 50 and 50A
- (2) Description

A steel encased, uranium shielded radiographic device. The shipping container is approximately 21 inches long, 23 inches wide and 42 inches high. The radioactive source assembly is housed in a Zircalloy or titanium "S" tube. The tube is surrounded by depleted uranium metal as shielding material. The depleted uranium shield assembly is encased in a steel housing. The void space between the depleted uranium shield assembly and the outer container is filled with a polyurethane foam. The gross weight of the container is 25 pounds.

(3) Drawings

The packaging is constructed in accordance with Gamma Industries Drawing Nos. 821-1001-128, Rev. 2; Sheets 1 and 2.

(b) Contents

(1) Type and form of material

Cobalt 60 as sealed sources that meet the requirements for special form radioactive material.

8910190053 4pp.

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(b) (2) Maximum quantity of material per package

<u>Model No.</u>	<u>Quantity</u>
20 and 20A	20 curies
50 and 50A	50 curies

6. The source shall be secured in the shielded position of the packaging by the safety plug assembly, source assembly and lockbox assembly. The components used to secure the source must be fabricated of materials capable of resisting a 1475°F fire environment for one full hour and maintaining their positioning function. The ball stop of the source assembly must engage the locking device. The flexible cable of the source assembly and safety plug assembly must be of sufficient length and diameter to provide positive positioning of the source in the shielded position.
7. The can and side plates must be a minimum of 1/4-inch thick carbon steel. The can and side plates shall be joined by full penetration welds. All other welds shall be fillet welds having sufficient throat thickness to develop strength equal to or greater than the metals being joined.
8. The nameplates shall be fabricated of materials capable of resisting the fire test of 10 CFR Part 71 and maintaining their legibility.
9. In addition to the requirements of Subpart G of 10 CFR Part 71, the package must be operated and maintained in accordance with the procedures in Section 7.5.4 of the application.
10. Fabrication of new packages 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: October 30, 1994.

CONDITIONS (continued)

U.S. NUCLEAR REGULATORY COMMISSION

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REFERENCES

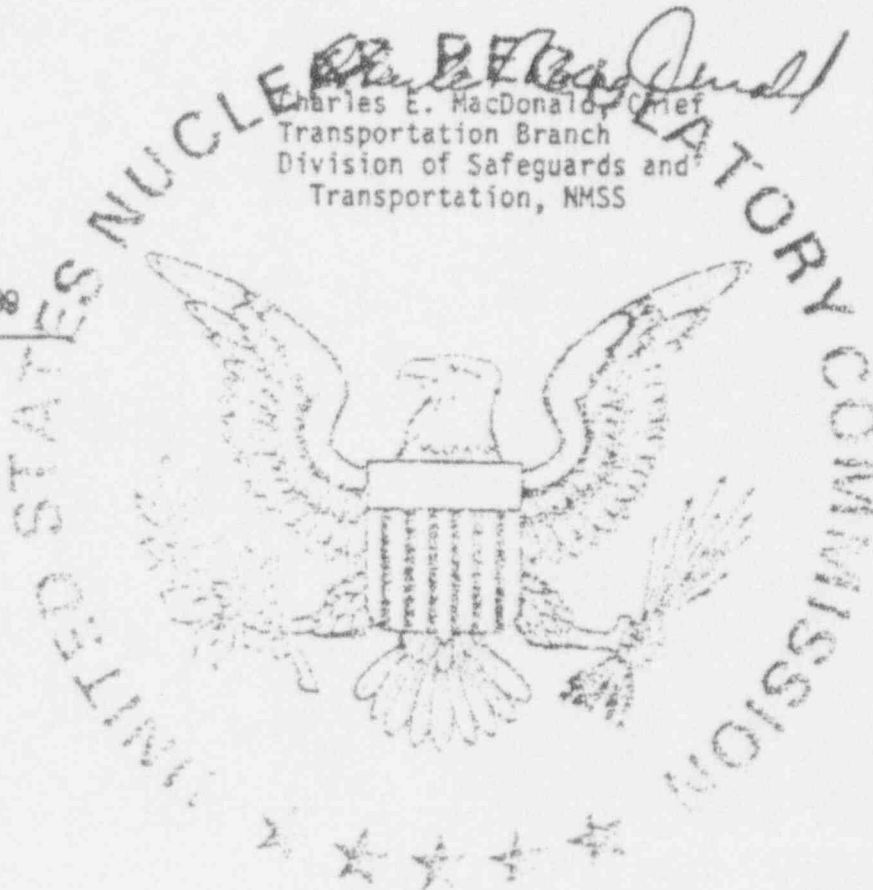
Gamma Industries application dated March 9, 1989.

Supplement dated: August 21, 1989.

FOR THE U.S. NUCLEAR REGULATORY COMMISSION

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

Date: OCT 12 1989



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 person 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 M.M.P. Quality Inspections Inc.			3. EXPIRATION DATE December 31, 1994	
STREET ADDRESS 3935 East Broadway, Suite 397			4. DOCKET NUMBER 71-0688	
CITY Long Beach	STATE CA	ZIP CODE 90803		
5. QUALITY ASSURANCE PROGRAM APPLICATION DATE(S) November 27, 1989				

6. CONDITIONS

- Activities authorized by this approval: procurement, maintenance, repair, and use to be executed with regard to transportation packages in special form. All other activities (i.e., design, fabrication, assembly, testing, and modification) shall be satisfied by obtaining certifications from package suppliers that these activities were conducted in accordance with an NRC-approved QA program. It shall remain the responsibility of the licensee-user that all transportation activities meet the requirements of 10 CFR §71.101.
- Records for each shipment of licensed material as required by 10 CFR §71.91(a) must be retained for a period of 3 years.



FOR THE U.S. NUCLEAR REGULATORY COMMISSION

Charles E. MacDonald
Charles E. MacDonald

DEC 19 1989

CHIEF, TRANSPORTATION CERTIFICATION BRANCH
DIVISION OF FUEL CYCLE AND MATERIAL SAFETY
OFFICE OF NUCLEAR MATERIAL SAFETY AND SAFEGUARDS

DATE



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

JAN 21 1990

SGTB:ER
71-9007, 71-9056, 71-9157

M. M. P. Quality Inspections, Inc.
ATTN: Mr. Alex A. Bagarry, III
3935 East Broadway, Suite 397
Long Beach, CA 90803

Gentlemen:

As requested in your letter dated January 3, 1990, we have registered you in accordance with Section 71.12 of 10 CFR Part 71 as a user of Certificate of Compliance Nos. 9007, 9056 and 9157.

Sincerely,

A handwritten signature in cursive script, appearing to read "Charles E. MacDonald".

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

cc: Ms. Cathleen Roughan
Amersham Corporation

Mr. R. Dicharry
Source Production and Equipment
Co., Inc.

Mr. Tom Gains
Industrial Nuclear Co.

9001220204

1P

NDT, VISUAL & BUSINESS NO CORRECTIONS



M.M.P. Quality
Inspections,
Inc.

Alex A. Bogary III
ASNT Level III
Director, Quality Control

Corporate Office
1875 Coronado Avenue
Signal Hill, CA 90804-1285
310/597-3932 FAX 310/597-6570

Bellingham, WA: 206/647-2574

Benicia, CA: 707/745-8121