



71-9057

August 16, 1990
SHP-1609

Mr. Charles MacDonald
Chief, Transportation Branch
Division of Safeguards and Transportation, NMSS
U.S. Nuclear Regulatory Commission
Washington, DC 20555

SUBJECT: Certificates of Compliance No. 9057: Renewal Request

Dear Mr. MacDonald:

General Atomics (GA) requests the renewal of subject Certificate of Compliance (Model No. FPD-100) for a period of five (5) years. Enclosed is a revised copy (Issue B 7/90) of our internal operating procedure, acceptance test and maintenance program for this shipping package. The evaluation results for this package, which meets Type A test requirements, are contained in MLM-3245, DOE/DP/00053-H1, dated March 1987.

Attached is our check in the amount of \$150 covering the renewal application fees prescribed in 10 CFR 170.31(10). We look forward to the issuance of a revised Certificate of Compliance with a new expiration date of September 30, 1995. Should you have any questions, please contact me at (619) 455-2823.

Very truly yours,

Keith E. Asmussen, Manager
Licensing, Safety and
Nuclear Compliance

KEA:shs

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CERTIFICATE OF COMPLIANCE NO. 9057

The purpose of this document is to set forth the internal operating procedure, acceptance test, and maintenance program for the USA/9057/AF (Model No. FPD-100) shipping package.

1.0 Operating Procedure

- 1.1 Use only DOT 17C or DOT 17H 55 gallon drum.
- 1.2 Stencil or mark package identification number on side of drum: USA/9057/AF.
- 1.3 Stencil or mark on side of drum the marking as defined in 49 CFR 172 Subpart D "Marking".
- 1.4 Verify package integrity. Visually inspect for:
 - a. broken welds
 - b. damaged gasket
 - c. damaged bolt or threads
 - d. general physical condition
- 1.5 Load package with up to 350 grams U^{235} in solid form contained in plastic bottles, jars, cans or heavy plastic bags securely tied closed.
- 1.6 Limit contents to less than 200 lbs.
- 1.7 Fill any void space in the package with styrofoam or equivalent to prevent contents from shifting.

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- 1.8 Inspect drum lid for gasket, and place in position.
 - 1.9 Affix the closing ring to drum lid.
 - 1.10 Insert 5/8 in. bolt and tighten to 40 ft-lb while tapping on the exterior of the ring.
 - 1.11 Tighten locking nut on bolt.
 - 1.12 Tamper-seal lid with either a Type E metal seal or keyless padlock seal.
 - 1.13 Survey package to determine radiation label.
 - 1.14 Wipe package surface and analyze to assure no surface contamination.
 - 1.15 Affix appropriate label as defined in 49 CFR 172 Subpart E "Labeling".
- 2.0 Acceptance Test
- 2.1 Visually inspect drum to assure no observable defects.
 - 2.2 Visually inspect all welds for good workmanship.
 - 2.3 Confirm drum is either a DOT 17C or DOT 17H to assure structural requirements.
 - 2.4 Inspect lid for flatness and confirm gasket is in place.

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3.0 Maintenance Program

- 3.1 Only new or reconditioned drum will be used, therefore maintenance is not applicable.