



71-9282

December 15, 1999

Mr. Cass R. Chappell, Chief  
Licensing Section, Mail Stop 06F18  
Spent Fuel Project Office  
Office of Nuclear Materials Safety and Safeguards  
U.S. Nuclear Regulatory Commission  
One White Flint North  
11155 Rockville Pike  
Rockville, MD 20852

Subject: Docket No.: 71-9282  
Application for Model SPEC-300 Package  
Supplement No. 3 to Application for NRC Certificate of Compliance, Revision (1),  
Dated October 6, 1999

Dear Mr. Chappell:

This purpose for this supplement is to provide clarification to individual parts of Section 8.2, Maintenance Program, and to eliminate obsolete (and all) references to 10 CFR Part 34. Revisions are indicated by a vertical line in the right margin.

Please do not hesitate contact me if you need any further assistance or clarification.

Sincerely,

A handwritten signature in black ink that reads "Kenneth N. Carrington". The signature is written in a cursive style.

Kenneth N. Carrington  
Regulatory Affairs

/knc

Enclosures: Six copies of Supplement No. 3 dated December 15, 1999 to Application for Model SPEC-300 Package, Revision (1), dated October 6, 1999  
Docket No.: 71-9282

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**Source Production & Equipment Co., Inc.**

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SUPPLEMENT NO. 3  
to  
Type B(U)-85 Transportation Package  
Certificate of Compliance Application, Revision (1),  
dated October 6, 1999  
Model SPEC-300

December 15, 1999

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Licenses are required to develop procedures to ensure that the SPEC-300 package is shipped and maintained in accordance with the Certificate of Compliance.

#### 8.2.1 Structural and Pressure Tests

There are no maintenance instructions required to ensure continued structural performance of the SPEC-300. As a normal part of package preparation and receipt, the package is routinely inspected for structural damage.

Periodic pressure tests are not required because there is no possibility of a pressure build up which would affect the structure of the containment or the integrity of the package.

The inspection and maintenance that are relevant to assure that the SPEC-300 operates properly as a Type-B package consist of visual inspections and operational tests of the lock cap, device lock, source assembly lock, safety plug, outlet nipple and transport lock. The recommended inspections, operational checks and maintenance procedures are described in the SPEC-300 users manual.

#### 8.2.2 Leak Tests

Instructions, including frequency, for performing leak tests for removable contamination of the sealed source must be developed to verify that the sealed capsule meets the special form requirements of 10 CFR 71.75 and other current regulatory requirements, as applicable.

#### 8.2.3 Subsystems Maintenance

Not applicable. The model SPEC-300 has no subsystems.

#### 8.2.4 Valves, Rupture Discs, and Gaskets on Containment Vessel

Not applicable. The primary containment vessel is a small sealed source capsule.

#### 8.2.5 Shielding

Shielding integrity is verified at the time of manufacture. There are no instructions for maintaining the integrity of the shield and/or optional shielding pads by the licensee. As a normal part of package preparation and receipt, the package is routinely inspected for excessive radiation levels.

#### 8.2.6 Thermal

Periodic thermal tests on the model SPEC-300 are not indicated since the heat of the decay for the maximum permissible activity Cobalt-60 source (300 Ci) is negligible. There are no components which would be thermally degraded by typical use and transport.