

April 26, 2005

Mrs. Kelley Richardt
Source Production and Equipment Co., Inc.
113 Teal Street
St Rose, LA 70087-9691

SUBJECT: CERTIFICATE OF COMPLIANCE NO. 9263 FOR THE MODEL
NO. SPEC-150 PACKAGE

Dear Mrs. Richardt:

As requested by your letter dated March 28, 2005, enclosed is Certificate of Compliance No. 9263, Revision No. 4, for the Model No. SPEC-150 package. This certificate supersedes, in its entirety, Certificate of Compliance No. 9263, Revision No. 3 dated June 23, 2000. Changes to the enclosed certificate are indicated by vertical lines in the margin. The staff's Safety Evaluation Report is also enclosed.

The approval constitutes authority to use the package for shipment of radioactive material and for the package to be shipped in accordance with the provisions of 49 CFR 173.471. Those on the attached list have been registered as users of the package under the general license provisions of 10 CFR 71.17 or 49 CFR 173.471. Registered Users may request by letter to remove their names from the Registered Users List.

If you have any questions regarding this certificate, please contact me or Jill Caverly of my staff at 301-415-8500.

Sincerely,

/RA/
Robert Lewis, Chief
Spent Fuel Licensing Section
Spent Fuel Project Office
Office of Nuclear Material Safety
and Safeguards

Docket No.: 71-9263
Tac Nos.: L23829 and L23830

Enclosures: 1. Certificate of Compliance
2. Safety Evaluation Report
3. Registered User List

cc w/encl: R. Boyle, Department of Transportation
J. Shuler, Department of Energy
RAMCERTS
Registered Users

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DISTRIBUTION: (Close out tac Nos: L23829 and L23830)

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SAFETY EVALUATION REPORT

Docket No. 71-9263
Model No. SPEC-150 Package
Certificate of Compliance No. 9263
Revision No. 4

SUMMARY

By application dated March 28, 2005, Source Production and Equipment Co., Inc. (SPEC) requested renewal from the U.S. Nuclear Regulatory Commission (NRC) of Certificate of Compliance No. 9263, for the Model No. SPEC-150 package. SPEC did not request any changes to the package design or authorized contents but did request an amendment to update the certificate to meet requirements of 10 Code of Federal Regulations (CFR) Part 71 as revised in a final rule effective October 1, 2004 (69 FR 3698). The certificate title has been amended to include the "-96" designation identifying that it meets the updated regulations. The certificate has been renewed for a five year term.

EVALUATION

By letter dated March 28, 2005, the applicant, SPEC, requested an amendment to Certificate of Compliance No. 9263 for its Model No. SPEC-150 package to include the "-96" in the identification number, as specified in 10 CFR 71.19(e). Model No. SPEC-150 package is currently certified by NRC as meeting Type B(U)-85 requirements. The applicant stated that the recent changes to 10 CFR Part 71 do not apply to the model and would not affect approval of the Model No. SPEC-150 as a "-96" transport package. The package is approved for transport of a maximum of 150 curies of iridium 192 as a sealed source providing primary containment and meeting the requirements of special form of radioactive material. In addition to updating the certificate with the "-96" designation, the applicant requested that the Certificate of Compliance be renewed.

To support its request for the "-96" designation, the applicant provided a table addressing revised Subparts E and F of 10 CFR Part 71 and the affects of the revisions to the transportation package. The applicant provided a table citing regulations in these subparts and the related impacts to the certificate. The analysis concluded that changes in Subparts E and F due to the revised 10 CFR Part 71 are not applicable to Model No. SPEC-150 package.

Staff evaluated the analysis provided by the applicant as well as assessing the impacts of issues identified in the final rulemaking for 10 CFR Part 71. Nineteen issues were considered in the rulemaking process that lead to the revised rule. Five of these issues where not adopted into the final rule. The remaining 14 issues were evaluated for applicability to the Model No. SPEC-150 Certificate of Compliance. Staff agreed with the applicants conclusion and determined that, other than Issue 8, Grandfathering Previously Approved Packages, the issues are not applicable to this certificate.

Issue 8 addressed the process adopted in the final rule allowing continued use, for specific periods of time of a previously approved packaging design without demonstrating compliance to the final rule. The applicant has decided in accordance with 10 CFR 71.19(e) to submit information demonstrating compliance with the final rule and thus satisfying these issues.

The applicant also requested renewal of Certificate of Compliance No. 9263. The staff reviewed the documents referenced in the certificate and determined that the documentation was available and complete. The staff also reviewed the operating and maintenance procedures for the package and found them to be adequate.

The following changes have been made to the Certificate of Compliance:

Condition No. 3(b) of the certificate was revised to correct the Application date.

Condition No. 7 of the certificate allows a package to be marked with the previous package identification number, USA/9263/B(U)-85, until April 30, 2006. This is to allow time to replace the packaging nameplate that shows the revised package identification number, USA/9263/B(U)-96.

Condition No. 9 was revised to reflect the change in the general license requirements as set forth in the new Part 71 ruling that became effective October 1, 2004.

The March 28, 2005, submittal was included in the References section.

CONCLUSION

Based on the statements and representation in the application, the staff concludes that the Model No. SPEC-150 meets the requirements of the revised 10 CFR Part 71 and can be designated with "-96" in the identification number. In addition, the certificate has been renewed for a five year term that expires on June 30, 2010.

Issued with Certificate of Compliance No. 9263, Revision No. 4
on 28April, 2005.