

June 17, 2011

Mr. Gary L. Clark
TRUPACT-III Program Manager
AREVA Federal Services LLC
1102 Broadway Plaza, Suite 300
Tacoma, WA 98402

SUBJECT: CERTIFICATE OF COMPLIANCE NO. 9305 FOR THE MODEL NO. TRUPACT-III (TAC NO. L24535)

Dear Mr. Clark:

As requested by your application dated April 28, 2011, enclosed is Certificate of Compliance No. 9305, Revision No. 1, for the Model No. TRUPACT-III package. Changes made to the enclosed certificate are indicated by vertical lines in the margin. The staff's Safety Evaluation Report is also enclosed.

AREVA Federal Services LLC has been registered as a user of the package under the general license provisions of 10 CFR 71.17. 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. 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.

If you have any questions regarding this certificate, you may contact me or Jennie Rankin of my staff at 301-492-3268.

Sincerely,

/RA/

Michael D. Waters, Chief
Licensing Branch
Division of Spent Fuel Storage and Transportation
Office of Nuclear Material Safety
and Safeguards

Docket No. 71-9305
TAC No. L24535

Enclosures: 1. Certificate of Compliance
No. 9305, Rev. No. 1
2. Safety Evaluation Report
3. Registered Users

cc w/encl 1 & 2: R. Boyle, Department of Transportation
J. Shuler, Department of Energy
Registered Users

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DISTRIBUTION: CLOSURES TAC NO. L24535

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ADAMS Package No.: ML111710153

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NAME:	JRankin		DTaratino		DTang		DPstrak		MDeBose	MWaters
DATE:	6/9/11		6/10/11		6/10/11		6/14/2011		6/14/2011	6/17/2011

C = COVER

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SAFETY EVALUATION REPORT
Docket No. 71-9305
Model No. TRUPACT-III
Certificate of Compliance No. 9305
Revision No. 1

SUMMARY

By application dated April 28, 2011, AREVA Federal Services LLC (AFS), requested a revision to Certificate of Compliance No. 9305, for the Model No. TRUPACT-III package. This revision clarified some of the design details defined on the TRUPACT-III General Arrangement Drawings, corrected subsection numbering and an incorrect tightening torque, and simplified the lifting hardware operational steps in Chapter 7.0. The remaining sections (e.g., structural, thermal, containment, shielding, criticality, acceptance tests and maintenance programs) were not affected by this revision. The requested clarifications and corrections do not affect the safety basis of the TRUPACT-III package. Based on the statements and representations in the application, the staff agrees that these changes do not affect the ability of the package to meet the requirements of 10 CFR Part 71.

EVALUATION

GENERAL INFORMATION

AFS revised the TRUPACT-III General Arrangement Drawing – 51199-SAR as follows:

- Sheet 1
 - Added optional material for pop rivets and equivalent metric channel UPN 100 x 50 x 6 for material availability considerations.
 - Revised the material specification of helium port plugs to allow for generic brass or stainless steel materials. These plugs only prevent contaminants from entering the inner cavities.

- Sheet 2
 - Revised the quantity of optional plugs from 8X to 10X to allow use of plugs in all of the overpack cover access holes.
 - Added a note to clarify weld specification (flag note 47) and to require liquid penetrant examination following final machining.

- Sheet 8
 - Clarified the position of dimension arrow for the 190 mm width dimension.

- Sheet 14
 - Added a “Centerline” clarification to “R10” radius callout for the debris shield retainer.
 - Corrected the spelling of “THROAT.”
 - Added as-welded flush symbol to groove weld specification.
 - Changed block tolerance from +/- 3 mm to specific tolerance of +6/-3 mm for the thickness of the 20 mm thick inner frame plate.

- Sheet 19
 - Added flag note 47 to bevel weld specification.
- Sheet 20
 - Added as-welded flush symbol to groove weld specification.
 - Revised the inside radius of containment plates from “R10 TYP” to “R7 MIN TYP.”

The modifications and additions were made to clarify the descriptions already included in the Safety Analysis Report and to provide additional operation descriptions found by the applicant to be necessary. These modifications do not affect any critical dimension or safety basis and will not impact the performance of the package design. The staff finds that the General Arrangement Drawing continues to meet the requirements of 10 CFR Part 71.

PACKAGE OPERATION

AFS revised Chapter 7.0 to perform the following:

- Revised text from “M36 lifting rings or eyes” to “lifting hardware” for lifting the closure lid and the overpack cover.
- Added text to remove and install an optional plug.
- Corrected subsection numbering.
- Corrected the tightening torque for the seal test port plug.

The modifications and corrections were made to clarify the descriptions already included in the Safety Analysis Report and to provide additional operation descriptions found by the applicant to be necessary. These modifications do not affect the safety basis and will not impact the performance of the package design. The staff finds the package operations continue to meet the requirements of 10 CFR Part 71.

CONDITIONS

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

Condition No. 5(a)(3) Drawings, has been updated to reference the updated drawings.

The References section has been updated to include this revision request.

CONCLUSION

The Certificate of Compliance has been revised to reference the revised drawings. Based on the statements and representations contained in the application, the staff concludes that these changes do not affect the ability of the package to meet the requirements of 10 CFR Part 71.

Issued with Certificate of Compliance No. 9305, Revision No. 1,
on June 17, 2011.