

November 4, 2011

Mr. Phil Noss
Licensing Manager
AREVA Federal Services LLC
505 South 336th Street, Suite 400
Federal Way, WA 98003

SUBJECT: CERTIFICATE OF COMPLIANCE NO. 9305 FOR THE MODEL NO. TRUPACT-III (TAC NO. L24588)

Dear Mr. Noss:

As requested by your application dated October 17, 2011, enclosed is Certificate of Compliance No. 9305, Revision No. 2, 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 Huda Akhavannik of my staff at 301-492-3273.

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. L24588

Enclosures: 1. Certificate of Compliance
No. 9305, Rev. No. 2
2. Safety Evaluation Report
3. Registered Users
cc w/encl 1 & 2: R. Boyle, Department of Transportation
J. Shuler, Department of Energy
Registered Users

Mr. Phil Noss
 Licensing Manager
 AREVA Federal Services LLC
 505 South 336th Street, Suite 400
 Federal Way, WA 98003

SUBJECT: CERTIFICATE OF COMPLIANCE NO. 9305 FOR THE MODEL NO. TRUPACT-III (TAC NO. L24588)

Dear Mr. Noss:

As requested by your application dated October 17, 2011, enclosed is Certificate of Compliance No. 9305, Revision No. 2, 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 Huda Akhavannik of my staff at 301-492-3273.

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. L24588

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

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

DISTRIBUTION: CLOSSES TAC NO. L24588

SFST r/f

G:\SFST\PART 71 CASEWORK\9305.R2.docx

G:\SFST\PART 71 CASEWORK\9305.R2.LTR&SER.docx

ADAMS Package No.: ML11313A032

OFC:	SFST	E	SFST		SFST		SFST		SFST	
NAME:	HAkhavannik		DTaratino		RBerry		DPstrak		MDeBose	MWaters
DATE:	11/3/11		11/4/11		11/3/11		11/4/2011		11/4/11	11/4/11

C = COVER

E = COVER & ENCLOSURE

N = NO COPY

OFFICIAL RECORD COPY

SAFETY EVALUATION REPORT
Docket No. 71-9305
Model No. TRUPACT-III
Certificate of Compliance No. 9305
Revision No. 2

SUMMARY

By application dated October 17, 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 and requested several tolerance adjustments. The remaining sections (e.g., 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 2
 - Revised note (Flag Note 35) to add options to accommodate the effective internal length dimensional variations that may arise between the closure lid and containment structural assembly (CSA). These options are used to meet the effective internal length requirement.
 - Added note to seal weld any exposed areas after machining to comply with inspection requirement.
- Sheet 4, 5
 - Added Flag Note 35, described above.
- Sheet 6
 - Corrected fillet weld symbol on body overpack to a bevel weld symbol. Previously, there were four identical fillet welds to secure surfaces in the same plane. However, in order to secure objects in the same plane a different weld is needed, in this case a bevel weld. This correction is acceptable.
- Sheet 11
 - Corrected rear lifting arm plate thickness to 6 mm from 8 mm. The 8 mm plate thickness was a typographical error; the corrected 6 mm was the value used for analysis. Therefore, this correction is acceptable.
- Sheet 14
 - Changed closure lid lip height and width dimensions from hard dimensions to referenced dimensions. This is done to comply with a maximum gap requirement which would otherwise not be met due to weld distortion.
 - Added ± 3 mm tolerance to width dimension of closure lid lip as clarification.

- Changed thickness dimension of inner frame plate to specify a minimum value of 17 mm. This minimum value accommodates thicker material that may occur on the welded structure.
- Sheet 16
 - Corrected position of height dimensional line. This change is editorial.
 - Changed tolerance for Overpack Cover Assembly from +0/-8 mm to +4/-8 mm to allow for variations in height resulting from welding. This increase does not affect the function of the overpack cover.
- Sheet 19
 - Corrected pitch of threaded holes in the transverse guide bars from 1.5 to 1.25. The 1.5 pitch is non-existent. The corrected pitch provides more tensile force and is therefore more conservative.
 - Added +6/-3 mm tolerance to the height of the debris shield receptacle to accommodate for variations in the CSA body flange weldment.
 - Added ±2 mm tolerance to the distance from the CSA front flange surface and the front edge of the debris shield receptacle to ensure fit-up of the closure lid and minimize impact on the debris shield seal engagement with the debris shield receptacle.

Additionally, minor text revisions were made to support these changes in the Safety Analysis Report. 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.

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. 2,
on November 4, 2011.