

August 16, 2007

Mr. Patrick L. Paquin, General Manager  
Engineering and Licensing  
EnergySolutions  
140 Stoneridge Drive  
Columbia, South Carolina 29210

SUBJECT: CERTIFICATE OF COMPLIANCE NO. 9168 FOR THE AMENDMENT FOR  
MODEL CNS 8-120B PACKAGE

Dear Mr. Paquin:

As requested by your letter dated May 15, 2007, enclosed is Certificate of Compliance (CoC) No. 9168, Revision No. 16, for the Model CNS 8-120B package. Changes made to the enclosed certificate are indicated by vertical lines in the margin. The staff's Safety Evaluation Report is also enclosed.

Those on the attached list have been registered as users of the package under the general license provisions of 10 CFR 71.12 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, please contact me at (301) 492-3294 or Eric H. Reber of my staff at (301) 492-3280.

Sincerely,  
**/RA/**

Robert A. Nelson, Chief  
Licensing Branch  
Division of Spent Fuel Storage and Transportation  
Office of Nuclear Material Safety  
and Safeguards

Docket No.: 71-9168  
TAC No.: L24090

Enclosures:

1. CoC No. 9168, Rev. No. 16
2. Safety Evaluation Report
3. Registered Users List

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

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<b>OFC:</b>	SFST	E	SFST	E	SFST	N
<b>NAME:</b>	EReber		MDeBose*		RNelson	
<b>DATE:</b>	8/ 14 /2007		8/ 14 /2007		8/ 16 /2007	

C = COVER

E = COVER & ENCLOSURE

N = NO COPY

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SAFETY EVALUATION REPORT  
Docket No. 71-9168  
Model No. Model CNS 8-120B Package  
Certificate of Compliance No. 9168  
Revision No. 16

**SUMMARY**

By application dated May 15, 2007, EnergySolutions requested an amendment to Certificate of Compliance No. 9168 for the Model No. CNS 8-120B package. The applicant requested that the certificate be issued to EnergySolutions to reflect the 2006 acquisition of Duratek. No changes to the package were requested.

Based on the statements and representations in the application, the staff agrees that these changes to the Certificate of Compliance do not affect the ability of the package to meet the requirements of 10 CFR Part 71.

**EVALUATION**

No changes to the package were requested.

The certificate was revised to indicate the acquisition of Duratek by EnergySolutions.

The certificate was revised to include Condition No. 12, which authorizes the use of the previous revision of the certificate for a period of approximately one year.

**CONCLUSION**

The Certificate of Compliance was revised to indicate that EnergySolutions is now the certificate holder. This change does not affect the ability of the package to meet the requirements of 10 CFR Part 71.

Issued with Certificate of Compliance No. 9168, Revision No. 16,  
on August 16, 2007.