

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. 9216 FOR THE AMENDMENT FOR  
MODEL CNS 1-13G PACKAGE

Dear Mr. Paquin:

As requested by your letter dated May 15, 2007, enclosed is Certificate of Compliance (CoC) No. 9216, Revision No. 10, for the Model CNS 1-13G 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.: 71-9216  
TAC Nos.: L24087, L24088

Enclosures:

1. CoC No. 9216, Rev. No. 10
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. 71-9216  
Model No. Model CNS 1-13G Package  
Certificate of Compliance No. 9216  
Revision No. 10

## **SUMMARY**

By application dated May 15, 2007, EnergySolutions requested an amendment to Certificate of Compliance No. 9216 for the Model No. CNS 1-13G package. The applicant requested that the certificate be issued to EnergySolutions to reflect the 2006 acquisition of Duratek. EnergySolutions also requested renewal of the certificate, and an expiration date of October 1, 2008, consistent with 10 CFR 71.19(a). 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 staff reviewed the documents referenced in the certificate and determined that the documentation was available and complete. The staff also reviewed the package operations and maintenance program for the package, and found them to be complete and adequate.

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

Condition No. 15 has been revised to delete an obsolete reference.

NRC adopted revised 10 CFR Part 71 regulations in 2004, including a new section, 71.55(f), which addresses performance requirements for packages transporting fissile material by air. Since this package was not evaluated to that new requirement, the Certificate of Compliance has been revised (Condition No. 16) to clarify that air transport of fissile material is not authorized.

The expiration date was changed to October 1, 2008, with the notation that the certificate is not renewable, consistent with 10 CFR 71.19(a). The certificate was revised to include Condition No. 17, 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, and renewed with an expiration date of October 1, 2008. 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. 9216, Revision No. 10,  
on August 16, 2007.