

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. 9001 FOR THE AMENDMENT FOR
MODEL IF-300 PACKAGE

Dear Mr. Paquin:

As requested by your letter dated May 15, 2007, enclosed is Certificate of Compliance (CoC) No. 9001, Revision No. 40, for the Model IF-300 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.: 71-9001
TAC No.: L24091

Enclosures:

1. CoC No. 9001, Rev. No. 40
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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NAME:	EReber		MDeBose*		RNelson	
DATE:	8/ 14 /2007		8/ 14 /2007		8/ 16 /2007	

C = COVER E = COVER & ENCLOSURE N = NO COPY OFFICIAL RECORD COPY

SAFETY EVALUATION REPORT
Docket No. 71-9001
Model No. Model IF-300 Package
Certificate of Compliance No. 9001
Revision No. 40

SUMMARY

By application dated May 15, 2007, EnergySolutions requested an amendment to Certificate of Compliance No. 9001 for the Model No. IF-300 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.

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. 21) to clarify that air transport of fissile material is not authorized.

The certificate was revised to include Condition No. 22, 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. 9001, Revision No. 40,
on August 16, 2007.