

April 6, 2010

Mr. Donald W. Olson  
President  
Columbiana Hi Tech, LLC  
1802 Fairfax Road  
Greensboro, NC 27407

SUBJECT: CERTIFICATE OF COMPLIANCE NO. 9284, REV. NO. 5, FOR MODEL NO.  
ESP-30X PROTECTIVE SHIPPING PACKAGE FOR 30-INCH UF<sub>6</sub> CYLINDERS

Dear Mr. Olson:

As requested by your application dated March 24, 2010, enclosed is Certificate of Compliance No. 9284, Revision No. 5, for the Model No. ESP-30X Protective Shipping Package for 30-inch UF<sub>6</sub> Cylinders. Changes made to the enclosed certificate are indicated by vertical lines in the margin. The staff's Safety Evaluation Report is also enclosed.

Columbiana Hi Tech, LLC, is registered as the certificate holder for this package. 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 10 CFR 71.17. Please note that the staff requests, per 10 CFR 71.38(c), that you submit a consolidated application prior to any future amendment or renewal request.

If you have any questions regarding this certificate, please contact me or Soly I. Soto of my staff at (301) 492-3268.

Sincerely,

**/RA/**

Eric J. Benner, Chief  
Licensing Branch  
Division of Spent Fuel Storage and Transportation  
Office of Nuclear Material Safety  
and Safeguards

Docket No. 71-9284  
TAC No. L24434

Enclosures: 1. Certificate of Compliance  
No. 9284, Rev. No. 5  
2. Safety Evaluation Report

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

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OFC:	SFST	E	SFST	SFST		
NAME:	SSoto		MDeBose	EJBenner		
DATE:	4/6/2010		4/6/2010	4/6/2010		

C = Cover      E = Cover & Enclosure      N = No Copy

## **SAFETY EVALUATION REPORT**

Docket No. 71-9284

Model No. ESP-30X Protective Shipping Package for 30-Inch UF<sub>6</sub> Cylinder

Certificate of Compliance No. 9284

Revision No. 5

### **SUMMARY**

By application dated March 24, 2010, Columbiana Hi Tech, LLC, requested renewal of Certificate of Compliance No. 9284, for the Model No. ESP-30X Protective Shipping Package for 30-Inch UF<sub>6</sub> Cylinder. Columbiana Hi Tech, LLC, did not request any changes to the package design or authorized contents. The certificate has been renewed for a five year term.

### **EVALUATION**

By application dated March 24, 2010, Columbiana Hi Tech, LLC, requested renewal of Certificate of Compliance No. 9284, for the Model No. ESP-30X Protective Shipping Package for 30-Inch UF<sub>6</sub> Cylinder. Columbiana Hi Tech, LLC, did not request any changes to the packages design or authorized contents. The staff reviewed the documents referenced in the certificate and determined that the documentation was available and complete. The staff also reviewed the operating and maintenance procedures for the package and found them to be adequate.

The following changes have been made to the certificate:

Condition No. 6.3 was revised to clarify that the Acceptance Test section of Chapter 8 of the application is no longer applicable.

Condition No. 7 was revised to remove the sentence related to fabrication of new packages and to restate that the American National Standard ANSI N14.1-1995 needs to be used for inspection and maintenance of the 30-inch diameter UF<sub>6</sub> cylinders.

A new Condition No. 11 was included to clarify that the package is subject to the provisions of 10 CFR 71.19(c), which require that all fabrication of this packaging must have been completed by December 31, 2006.

A new Condition No. 12 was added to authorize the use of the previous revision of the certificate for a period of approximately one year.

As a consequence of the inclusion of the new Conditions No. 11 and No. 12, the previous Condition No. 11 was renumbered Condition No.13.

Condition No. 13 was revised to reflect the new expiration date, May 31, 2015.

**CONCLUSION**

The certificate has been renewed for a five year term that expires on May 31, 2015. 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. 9284, Revision No. 5, on April 6, 2010.