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UNITED STATES  
NUCLEAR REGULATORY COMMISSION  
WASHINGTON, D.C. 20555-0001

December 8, 2017

Mr. Victor Moga  
Best Theratronics  
413 March Road  
Ottawa, Ontario  
Canada K2K 0E4

SUBJECT: REVISION NO. 8 OF CERTIFICATE OF COMPLIANCE NO. 9290 FOR THE  
MODEL NO. F-430 TRANSPORTATION PACKAGE

Dear Mr. Moga:

As requested by Best Theratronics' application dated November 8, 2016, as supplemented April 6, June 7, August 24, and October 10, 2017, enclosed is Certificate of Compliance No. 9290, Revision No. 8, for the Model No. F-430 package. Changes made to the enclosed certificate are indicated by vertical lines in the margin. The staff's Safety Evaluation Report is also enclosed. This 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 Title 49 of the *Code of Federal Regulations* (49 CFR) 173.471. 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.

If you have any questions regarding this certificate, please contact John Vera of my staff at (301) 415-5790.

Sincerely,

/RA/

Meraj Rahimi, Acting Chief  
Spent Fuel Licensing Branch  
Division of Spent Fuel Management  
Office of Nuclear Material Safety  
and Safeguards

Docket No. 71-9290  
EPID No. L-2017-RNW-0004

Enclosures:

1. Certificate of Compliance  
No. 9290, Rev. No. 8
2. Safety Evaluation Report
3. Registered Users

Upon removal of Enclosure 3,  
this document is uncontrolled.

cc w/encls. 1&2: R. Boyle, DOT;  
J. Shuler, DOE-SRNL c/o L. Gelder;  
Registered Users

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MODEL NO. F-430 TRANSPORTATION PACKAGE, DOCUMENT DATE:  
December 8, 2017

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**ADAMS Package No.: ML17345A106 ADAMS LTR and SER No.: ML 17345A107**

OFFICE	DSFM	DSFM	DSFM
NAME	JVera	SFigueroa	MRahimi (A)
DATE	11 /15 /2017	12/7/2017	12 /8 /2017

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**SAFETY EVALUATION REPORT**  
**Docket No. 71-9290**  
**Model No. F-430**  
**Certificate of Compliance No. 9290**  
**Revision No. 8**

**SUMMARY**

By application dated November 8, 2016, as supplemented April 6, June 7, August 24, and October 10, 2017, Best Theratronics (Best) requested renewal of Certificate of Compliance (CoC) No. 9290 for the Model No. F-430 package. Best did not request any design changes to the package. The certificate has been renewed for a five year term.

**EVALUATION**

Best requested renewal of CoC No. 9290 for the Model No. F-430 shipping package. Best did not request any changes to the package design or authorized contents. Also, Best did not request any changes to the current operating procedures, acceptance tests, and maintenance programs. Best provided a consolidated safety analysis report (SAR), but in the course of review and verification, NRC staff found some missing information. By letter dated October 10, 2017, Best provided a revised consolidated SAR with all necessary information incorporated. NRC staff has referenced this consolidated SAR in the renewed CoC.

Based on the information provided in the application, the staff concludes that the Model No. F-430 package continues to meet the requirements of 10 CFR Part 71.

**CONDITIONS**

The following changes have been made to the Certificate:

Section 3b. was revised to refer to the October 10, 2017, consolidated safety analysis report.

Condition No. 9 was revised to now authorize the use of the previous revision (Rev. 7) of the certificate for a period of approximately one year.

Condition No. 10 was added to reflect the new expiration date of the certificate, which is February 28, 2022. This information was previously contained in Condition No. 9.

The References section was revised to refer to the consolidated safety analysis report provided as part of the renewal request process.

**CONCLUSION**

The certificate has been renewed for a five-year term that expires on February 28, 2022. Based on the statements and representations in the application, the staff finds the package to meet the requirements of 10 CFR Part 71.

Issued with Certificate of Compliance No. 9290, Revision No. 8, on December 8, 2017.