



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

February 6, 2020

Mr. Richard W. Boyle
Radioactive Materials Branch
U.S. Department of Transportation
1200 New Jersey Avenue SE
Washington, D.C. 20590

SUBJECT: CERTIFICATE OF APPROVAL NO. CDN/2094/B(U)-96, FOR THE MODEL NO.
F-522 PACKAGE – REVALIDATION RECOMMENDATION

Dear Mr. Boyle:

This is in response to your letter dated November 6, 2019, (Agencywide Documents Access and Management System [ADAMS] Accession No. ML19344A012), the U.S. Department of Transportation (DOT) requested that the U.S. Nuclear Regulatory Commission (NRC) staff perform a review of the Canadian Certificate of Approval CDN/2094/B(U)-96, Rev. No. 2, for the Model No. F-522 transport package and make a recommendation concerning the revalidation of the package for import and export use. Specifically, you requested that the NRC review the content revision to add zircaloy encapsulated molybdenum target contents.

Based upon our review, the statements and representations contained in the application, in the BWX Technologies, Inc., Document No. IS/TR 2650 F522[5], "Engineering Assessment of the Ability of the F-522/UK-201 Type B Package to Meet IAEA SSR-6, 2012 Edition," and for the reasons stated in the enclosed safety evaluation report, we recommend revalidation of Canadian Certificate of Approval CDN/2094/B(U)-96, Rev. No. 2 for the F-522 transport package.

If you have any questions regarding this matter, please contact me or Bernard White of my staff at (301) 415-6877.

Sincerely,

/RA/

Daniel I. Doyle, Acting Chief
Storage and Transportation Licensing Branch
Division of Fuel Management
Office of Nuclear Material Safety
and Safeguards

Docket No. 71-3091
EPID No. L-2019-LLA-0247

Enclosure:
Safety Evaluation Report

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DOCUMENT DATE: February 6, 2020

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Closes EPID No. L-2019-LLA-0247

ADAMS Accession No.: ML20034F120

*via email

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