



U.S. Department
of Transportation

**Pipeline and
Hazardous Materials
Safety Administration**

East Building, PHH-23
1200 New Jersey Avenue SE
Washington, D.C. 20590

May 16, 2022

Director, Division of Fuel Management
Office of Nuclear Material Safety and Safeguards
ATTN: Document Control Desk
U.S. Nuclear Regulatory Commission
11545 Rockville Pike
Rockville, MD 20852-2738

Dear DFM Director,

In accordance with the Memorandum of Understanding between our agencies, I request that you review the attached Canadian Certificate of Approval No. CDN/2094/B(U)-96, Rev 4, for the F-522 package and make a recommendation concerning our revalidation of the package for import and export use.

On November 6, 2019 I requested that your office review the Certificate of Approval No. CDN/2094/B(U)-96, Rev 2 for this package. Your review (Docket No. 71-3091, TAC No. L-2019-LLA-0247) concluded with a February 6, 2020 letter to me which recommended revalidation of the certificate. Revision 4 of the Canadian certificate adds a new configuration (F-522 overpack/F-528 shielding vessel) for the shipment of neutron irradiated Mo-99 target material encapsulated within zircaloy cladding.

To assist you in your review, a copy of the package design safety report for the F-522 package, along with other supporting documents will be provided to your staff electronically.

If you have any questions or need any additional safety information, please feel free to contact Michael Conroy of my staff at (202) 366-3597 or via email at Michael.Conroy@dot.gov.

Sincerely,

Richard W. Boyle,
Radioactive Materials
Division of Sciences and Engineering
Office of Hazardous Materials Safety

Enclosures