October 17, 2007

Mr. Richard S. Goorevich, Director
National Nuclear Security Administration
U.S. Department of Energy, NA-243
Office of International Regimes and Agreements
1000 Independence Avenue, SW
Washington, D.C. 20585-1615

Dear Mr. Goorevich:

Enclosed is an application from Global Nuclear Fuels-Americas, dated October 10, 2007, recently received by the U.S. Nuclear Regulatory Commission, requesting Amendment No. 01 to export license XSNM03460 for the export of low-enriched uranium dioxide (powder) to the Chalk River Laboratories in Canada. The material will be used by Atomic Energy of Canada Limited (AECL) for the manufacture of lead test assemblies for the new generation of CANDU reactors.

The purpose of the Amendment is to: 1) extend the expiration date from December 31, 2007 to December 31, 2009; and 2) increase the quantity of low-enriched uranium (LEU) authorized for export by 250.0 kilograms of uranium-235 (U-235) contained in 5,000.0 kilograms uranium. The new cumulative total quantity of LEU authorized for export would be 500.0 kilograms of U-235 and 10,000.0 kilograms uranium.

Assurances from Canada, that the material will be subject to all of the terms and conditions of an agreement for cooperation, are required. Your assistance in obtaining the necessary assurances will be appreciated.

Sincerely,

/RA/

Stephen Dembek, Branch Chief
Export Controls and International Organizations
Office of International Programs

Enclosure:
Appl. Dtd. 10/10/07
XSNM03460/01 - Canada
Docket Number 11005638

cc w/enclosure:
T. Grice, NRC/NSIR
R. DeLaBarre, DOS
J. Norles, NAC/NMMSS
CBaugues, DHS/CBP
CNSC
O. Bukharin, NRC/NSIR
I. Bruns, DOE/NNSA
S. Clagett, DOC
D. McDarby, DTRA

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DATE	10-17-07	10/17/07	10/17/07

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