



## Department of Energy

National Nuclear Security Administration  
P. O. Box 2050  
Oak Ridge, Tennessee 37831-8009



May 13, 2008

Mr. Scott W. Moore, Deputy Director  
Office of International Programs  
U. S. Nuclear Regulatory Commission  
11555 Rockville Pike  
Rockville, Maryland 20852-2738

Dear Mr. Moore:

### **NOTIFICATION OF CHANGE IN PERCENT FOREIGN OBLIGATIONS FOR LOW ENRICHED URANIUM TO BE EXPORTED TO CANADA UNDER EXPORT LICENSE NO. XSNM03352**

Reference is made to the Nuclear Regulatory Commission (NRC) License No. XSNM03352 issued to U.S. Department of Energy (DOE) National Nuclear Security Administration (NNSA) on July 29, 2004, for the export of up to 299.25 kilograms (kg) U-235 contained in 1,500 kgU (enriched to 19.95) as broken metal pieces or cast slugs, to the Atomic Energy of Canada Limited (AECL). The license expires December 31, 2008, and the DOE NNSA intends to deliver two remaining Low Enriched Uranium (LEU) shipments prior to December 31, 2008.

This correspondence provides my notification to NRC that the percent foreign obligations estimated for the LEU exported to AECL under NRC License No. XSNM03352 has changed. The SNM export license application identified that 100 percent of the LEU to be exported to AECL was unobligated, and would carry 100 % U.S. obligation, for all of the LEU to be supplied to AECL. To date, DOE has delivered to AECL a total of 224.581 kgU-235 contained in 1136.109 kgU, enriched to maximum 19.95%, as broken metal pieces or cast slugs, and all of the LEU delivered to date is 100% U.S. obligated.

There are two remaining LEU deliveries to be shipped to AECL this calendar year. DOE intends to deliver ~ 28.4 kgU-235 contained in 142.5 kgU with 100 % U.S. obligations in July 2008. For the final delivery scheduled for November 2008, DOE intends to deliver ~ 28.4 kgU-235 contained in 142.5 kgU. Of the ~ 28.4 kg U-235 contained in the 142.5 kg U, there is 3.365 kgU-235 contained in 20.082 kgU that will carry obligations of the country of Brazil. This action will change the total percentage of foreign obligation for this export license to the percentages reflected below:

US Obligation:	98.6 % kg U	98.8 % kg U-235
Brazil Obligation:	1.4 % kg U	1.2 % kg U-235

This correspondence serves as my official notification of change to the percent foreign obligations for the LEU to be exported from the U.S. DOE Y-12 facility to AECL. Please inform me if any additional information is required.

Mr. Scott W. Moore

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If you have any questions or require additional information, please contact me at (865) 576-4119 or [eddybg@yso.doe.gov](mailto:eddybg@yso.doe.gov).

Sincerely,



Becky G. Eddy  
Program Manager  
Y-12 Site Office

cc:

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