



April 4, 2005

Y/GNSS/05-10

U.S. Nuclear Regulatory Commission  
11545 Rockville Pike  
Rockville MD 20852-2738  
NSIR; DNS; NTWS, M-S T-4 D-8  
Attn: Ms. Gloria Bennington, Licensing Assistant

**Export License, Pending**

In accordance with the Convention on the Physical Protection of Nuclear Material and the NRC final rule of March 26, 1987, the Y-12 National Security Complex hereby makes the following notification of upcoming shipment:

**(1) Shipper:**

BWXT Y-12  
P.O. Box 2009  
Oak Ridge, Tennessee 37831

**(2) Receiver:**

Atomic Energy of Canada Limited (AECL)  
Chalk River Laboratories  
Chalk River, Ontario K0J 1J0  
Canada

**Physical Description:**

Proper Shipping Name: Radioactive Material, Type B (U) Package, Fissile  
Gross weight (kg): Approximately 244  
Net Weight (kg): Nonimal -  $15 \pm 0.5$  Kg  
U Weight (kg): Nonimal -  $15 \pm 0.5$  Kg  
Maximum enrichment: 93.5%

**Transfer Points:** Y-12 National Security Complex to Office of Secure Transport to US Air Force to Canada

**Routes to be used:** U.S. Inland Routing will be in accordance with 49 CFR 397.101

**Shipment Details:** 2 - 5X22 containers. Shipment Date classified

SISP Review Complete

NMSS04Public

040605-3

The shipper certifies that the necessary arrangements have been made for pick-up and delivery of the above material and that the receiver has agreed to receive it. Physical Description contains approximate weights since the material is currently being packaged.

Signature

*James J. Henkel* *for*

Print Name and Title: Ms. Elaine M. Parker, International Program Manager

Date: April 4, 2005