



January 25, 2010

Mr. Scott Moore
Deputy Director - Office of International Programs
US Nuclear Regulatory Commission
Mail Stop 4E21
Washington, DC 20555

Subject: 10CFR110.23 (b) Annual Report

Dear Mr. Moore:

In accordance with the reporting requirements 10CFR110.23 (b), EnergySolutions Bear Creek Facility exported under a general license approximately $1.23E+1$ MBq ($3.32E-1$ mCi) of Am-241 distributed as internal surface contamination in empty shipping containers. The Am-241 activity is estimated based on facility scaling factors. All containers were shipped in accordance with U. S. DOT regulations as *excepted package-empty packaging UN2908*.

The empty packagings were transported to Canada for the purpose of packaging radioactive material for return to Bear Creek in accordance with import permit IW017.

The export details are provided in the attached table.

If you have any questions or need additional information, please do not hesitate to call me at 865-220-1478.

Respectfully submitted,

A handwritten signature in blue ink, appearing to read "Philip Gianutsos".

Philip Gianutsos
Radiation Safety Office
EnergySolutions, Inc
Bear Creek Facility

Attachment:

- 1) General License Export Details

General License Export Details

Recipient Country	Shipment Date	End User	Description of Material	Quantity (approx) See Note Below
Canada	1/26/2006	Bruce Power	Two (2) Empty Sealands	11,000 kg
Canada	2/25/2009	Bruce Power	Two (2) Empty Sealands	11,000 kg
Canada	3/5/2009	Bruce Power	Two (2) Empty Sealands	11,000 kg
Canada	3/11/2009	AECL	Two (2) Empty Roll-offs	5,000 kg
Canada	3/26/2009	Val Cartier	Three (3) Empty Sealand	12,000 kg
Canada	3/27/2009	Val Cartier	Four (4) Empty Sealand	8,900 kg
Canada	3/31/2009	Bruce Power	Two (2) Empty Sealands	11,000 kg
Canada	4/14/2009	Bruce Power	Two (2) Empty Sealands	11,000 kg
Canada	4/21/2009	AECL	Four (4) Empty Roll-offs and Ten (10) B-25s	13,250 kg
Canada	4/26/2009	Bruce Power	Two (2) Empty Sealands	11,000 kg
Canada	5/5/2009	Bruce Power	Two (2) Empty Sealands	11,000 kg
Canada	5/12/2009	Bruce Power	Two (2) Empty Sealands	11,000 kg
Canada	5/18/2009	AECL	Two (2) Empty Roll-offs and Five (5) B-25s	6,625 kg
Canada	5/19/2009	Bruce Power	Two (2) Empty Sealands	11,000 kg
Canada	5/24/2009	Bruce Power	Five (5) Empty Sealands	27,500 kg
Canada	5/25/2009	Bruce Power	Two (2) Empty Sealands	11,000 kg
Canada	6/6/2009	Bruce Power	Two (2) Empty Sealands	11,000 kg
Canada	6/7/2009	Bruce Power	Two (2) Empty Sealands	11,000 kg
Canada	6/9/2009	AECL	Eight (8) Empty Roll-offs	20,000 kg
Canada	6/16/2009	Bruce Power	Two (2) Empty Sealands	11,000 kg
Canada	6/23/2009	Bruce Power	Two (2) Empty Sealands	11,000 kg
Canada	7/19/2009	Bruce Power	Two (2) Empty Sealands	11,000 kg
Canada	7/22/2009	Bruce Power	Two (2) Empty Sealands	11,000 kg
Canada	7/29/2009	AECL	Fifteen (15) Empty B-25s	4,875 kg
Canada	8/30/2009	Bruce Power	Two (2) Empty Sealands	11,000 kg
Canada	9/9/2009	Bruce Power	Four (4) Empty Sealands	22,000 kg
Canada	9/14/2009	Bruce Power	Two (2) Empty Sealands	11,000 kg
Canada	9/22/2009	Bruce Power	Two (2) Empty Sealands	11,000 kg
Canada	9/27/2009	Bruce Power	Two (2) Empty Sealands	11,000 kg
Canada	10/4/2009	Bruce Power	Two (2) Empty Sealands	11,000 kg
Canada	10/5/2009	Bruce Power	Two (2) Empty Sealands	11,000 kg
Canada	10/13/2009	Bruce Power	Two (2) Empty Sealands	11,000 kg
Canada	10/19/2009	Bruce Power	Two (2) Empty Sealands	11,000 kg
Canada	10/20/2009	Monserco	One (1) Empty Sealand	4,000 kg
Canada	10/31/2009	Monserco	One (1) Empty Sealand	4,000 kg
Canada	11/1/2009	Bruce Power	Two (2) Empty Sealands	11,000 kg
Canada	11/14/2009	Bruce Power	Two (2) Empty Sealands	11,000 kg
Canada	11/16/2009	GE Canada	One (1) Empty Sealand	4,000 kg
Canada	11/21/2009	Bruce Power	One (1) Empty Sealand	4,000 kg
Canada	11/25/2009	Bruce Power	Two (2) Empty Sealands	11,000 kg
Canada	11/30/2009	Bruce Power	Two (2) Empty Sealands	11,000 kg
Canada	12/8/2009	Bruce Power	Two (2) Empty Sealands	11,000 kg
Canada	12/12/2009	Bruce Power	Two (2) Empty Sealands	11,000 kg
Canada	12/15/2009	Monserco	One (1) Empty Sealand	4,000 kg
Canada	12/15/2009	Monserco	One (1) Empty Sealand	4,000 kg
Canada	12/20/2009	Bruce Power	Two (2) Empty Sealands	11,000 kg
Note: The quantity represents the approximate empty weight of the packagings				