

UAM-07-12

**From:** "Vescovi, Peter J." <VescovPJ@westinghouse.com>  
**To:** "gmb@nrc.gov" <gmb@nrc.gov>  
**Date:** 06/18/2007 11:10:39 AM  
**Subject:** Export of Special Nuclear Material (SNM) of low strategic significance

Dear Mrs. Bennington:

Westinghouse Electric Company hereby provides notification of a pending export of Special Nuclear Material (SNM) of low strategic significance, as required in 10CFR73.73.

The attached document is provided as an electronic transmission of this notification that is intended to comply with §73.4 Communications.

Peter J. Vescovi  
WESTINGHOUSE ELECTRIC COMPANY, LLC  
Global Supply Chain Management, Transport Logistics  
Licensing, Compliance and Package Technology

**CC:** "Moorer, Frank B." <moorerfb@westinghouse.com>

SUNSI Review Complete  
Rms: NMS504Public  
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**Mail Envelope Properties (4676A05C.807 : 5 : 51207)**

**Subject:** Export of Special Nuclear Material (SNM) of low strategic significance  
**Creation Date** 06/18/2007 10:59:41 AM  
**From:** "Vescovi, Peter J." <VescovPJ@westinghouse.com>

**Created By:** VescovPJ@westinghouse.com

**Recipients**

nrc.gov

OWGWPO01.HQGWDO01

GMB (Gloria Bennington)

westinghouse.com

moorerfb CC (Frank B. Moorer)

**Post Office**

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<b>Files</b>	<b>Size</b>	<b>Date &amp; Time</b>
MESSAGE	492	06/18/2007 10:59:41 AM
UAM-07-12.pdf	38313	
Mime.822	54607	

**Options**

**Expiration Date:** None  
**Priority:** Standard  
**ReplyRequested:** No  
**Return Notification:** None

**Concealed Subject:** No  
**Security:** Standard

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Junk Mail handling disabled by Administrator  
Junk List is not enabled  
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Block List is not enabled



Westinghouse Electric Company  
Nuclear Fuel  
Columbia Fuel Site  
P.O. Drawer R  
Columbia, South Carolina 29250  
USA

**Mrs. Gloria M. Bennington**  
Licensing Assistant  
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**Your ref:**  
**Our ref:** UAM-07-12

June 18, 2007

**Subject:** Export of Special Nuclear Material of Low Strategic Significance

**Dear Mrs. Bennington:**

Westinghouse Electric Company hereby provides notification of a pending export of Special Nuclear Material (SMN) of low strategic significance, as required in 10CFR73.73:

§73.73 Requirement for advance notice and protection of export shipments of SMN of low strategic significance.

(a) (3) (i) Name(s), address(es), and telephone number(s) of the shipper, receiver, and carrier(s);

**Shipper:** Mr. Frank Moorer  
Westinghouse Electric Company  
Drawer R  
Columbia, SC 29250  
(803) 647-3454

**Receiver:** Mr. M. Holan, Ing.  
CEZ a.s.  
373 05 Temelin  
Czech Republic  
420-385-78-2691

**Carriers:** Hittman Transport Services  
628 Gallaher Road  
Kingston, TN 33763  
Contact: Karen Kirby (865) 376-8100

Charter Vessel – TBD  
c/o Hasler Group  
121 West Tazewell St  
Norfolk, VA 23510  
Contact: Denny Parker 757- 625-3641

DMS s.r.o.  
JE Dukovany  
675 50 Dukovany  
Czech Republic

(a) (3) (ii) Physical description of the shipment (the elements, isotopes, form, etc.);

**Description:** 49 x VVER 1000 unirradiated Fuel Assemblies  
Radioactive content is UO<sub>2</sub> pellets < 5.0% U<sup>235</sup>  
Each fuel assembly contains ~ 500 kg Uranium  
Each fuel assembly contains ~ 16 kg U<sup>235</sup>

Not to exceed **784 kg U-235** contained in **24,500 kg U-enriched not exceeding 5% in the form of dry concentrates** packed in 25 Model MCC5 shipping packages approved by U.S. DOT Competent Authority Certification, USA/9239/AF, rev. 16.

(a) (3) (iii) Listing of the mode(s) of shipment, transfer points, and routes to be used;

**Modes:** By road from Columbia SC to Savannah, GA then  
By dedicated charter vessel to Szczecin, Poland then  
By rail to CEZ Temelin plant site

(a) (3) (iv) The estimated time and date that shipment will commence and that each country along the route is scheduled to be entered;

**Timings:** Road  
Depart Columbia, SC on or about 6 July 2007  
Arrive Savannah, GA on or about 6 July 2007

**Timings:** Charter Vessel  
Depart Savannah, GA on or about 6 July 2007  
Arrive Szczecin, Poland on or about 24 July 2007

**Timings:** Rail  
Depart Szczecin, Poland on or about 24 July 2007  
Arrive Temelin plant site on or about 24 July 2007

(a) (3) (v) The estimated time and date of arrival of the shipment at the destination;

Arrive Temelin plant site on or about 24 July 2007

(4) Assure that during transport outside the United States, the shipment will be protected in accordance with Annex I to the Convention on the Physical Protection of Nuclear Material (see appendix E of this part).

Appendix E to Part 73 -- Levels of Physical Protection to be applied in International Transport of Nuclear Material -- (Verbatim from Annex I to the Convention on the Physical Protection of Nuclear Material)

(a) Levels of physical protection for nuclear material during storage incidental to international nuclear transport include:

- (1) For Category III materials, storage within an area to which access is controlled;
  - There will be no storage of the material.
  - It will be loaded directly from trucks onto the vessel.

\*Electronically approved records are authenticated in the Electronic Document Management System

- It will be loaded directly from the vessel onto rail platforms in Poland.

(b) Levels of physical protection for nuclear material during international transport include:

(1) For Category II and III materials, transportation shall take place under special precautions including prior arrangements among sender, receiver, and carrier, and prior agreement between natural or legal persons subject to the jurisdiction and regulation of exporting and importing States, specifying time, place and procedures for transferring transport responsibility.

Please direct all communication to Peter Vescovi at +1(803) 647-3167.

Sincerely,

Peter J. Vescovi  
WESTINGHOUSE ELECTRIC COMPANY, LLC  
Global Supply Chain Management, Transport Logistics  
Licensing, Compliance and Package Technology