

UAM-07-40

**From:** "Vescovi, Peter J." <VescovPJ@westinghouse.com>  
**To:** <gmb@nrc.gov>  
**Date:** 12/03/2007 2:31:56 PM  
**Subject:** Export of Special Nuclear Material (SMN) 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.

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

Peter J. Vescovi  
Licensing, Compliance and Package Technology

WESTINGHOUSE ELECTRIC COMPANY, LLC  
Global Supply Chain Management  
5801 Bluff Road  
Columbia, SC 29209, USA  
Phone: +1(803)647-3167  
Fax: +1(803)695-4164  
e-mail: vescovpj@westinghouse.com  
www.westinghousenuclear.com

SUNSI Review Complete  
Rids: NM5504Public  
Template: NM55008

**Mail Envelope Properties** (47545996.BFC : 18 : 3068)

**Subject:** Export of Special Nuclear Material (SMN) of low strategic significance  
**Creation Date** 12/03/2007 2:31:26 PM  
**From:** "Vescovi, Peter J." <VescovPJ@westinghouse.com>  
**Created By:** VescovPJ@westinghouse.com

**Recipients**

nrc.gov

OWGWPO01.HQGWDO01

GMB (Gloria Bennington)

**Post Office**

OWGWPO01.HQGWDO01

**Route**

nrc.gov

| <b>Files</b>          | <b>Size</b> | <b>Date &amp; Time</b> |
|-----------------------|-------------|------------------------|
| MESSAGE               | 1056        | 12/03/2007 2:31:26 PM  |
| Vescovi, Peter J..vcf | 338         |                        |
| UAM-07-40.pdf         | 83420       |                        |
| Mime.822              | 117872      |                        |

**Options**

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

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

**Junk Mail Handling Evaluation Results**

Message is eligible for Junk Mail handling  
This message was not classified as Junk Mail

**Junk Mail settings when this message was delivered**

Junk Mail handling disabled by User  
Junk Mail handling disabled by Administrator  
Junk List is not enabled  
Junk Mail using personal address books is not enabled  
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  
Office of Nuclear Security and Incident  
Response Mail Stop T-4 D-8  
U.S. Nuclear Regulatory Commission  
11545 Rockville Pike  
Rockville, MD 20852-2738

**Direct tel:** (803) 647-3167  
**Direct fax:** (803) 695-4164  
**e-mail:** vescovpj@westinghouse.com

**Your ref:**  
**Our ref:** UAM-07-40

December 3, 2007

**Subject:** Export of Special Nuclear Material of Low Strategic Significance to Czech Republic

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

**Receiver:** Ing. Daniel Ernst  
CEZ a.s.  
373 05 Temelin  
Czech Republic  
420-381-10-3053 (Office)  
420-606-723-356 (Cell)

Ing. V. Přiman  
ČEZ, a. s.  
Duhová 2/1444  
140 53 Praha 4  
420-2-11-04-2290 (Office)  
420-602-588-823 (Cell)

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

Charter Vessel – mv Lynx  
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:** 43 x VVER 1000 unirradiated Fuel Assemblies  
Radioactive content is UO<sub>2</sub> pellets < 5.0% U235  
Each fuel assembly contains ~ 500 kg Uranium  
Each fuel assembly contains ~ 17 kg U235

Not to exceed **731 kg U-235** contained in **21,500 kg U-enriched not exceeding 5% in the form of dry concentrates** packed in 22 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 20 December 2007  
Arrive Savannah, GA on or about 20 December 2007

**Timings:** Charter Vessel  
Depart Savannah, GA on or about 20 December 2007  
Arrive Szczecin, Poland on or about 5 January 2008

**Timings:** Rail  
Depart Szczecin, Poland on or about 5 January 2008  
Arrive Temelin plant site on or about 5 January 2008

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

Arrive Temelin plant site on or about 5 January 2008

(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.
  - 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.

Sincerely,

Peter J. Vescovi  
Licensing, Compliance and Package Technology

**WESTINGHOUSE ELECTRIC COMPANY, LLC**  
Nuclear Fuel Global Supply Chain Management  
5801 Bluff Road  
Columbia, SC 29209, USA

Phone: +1 (803) 647-3167  
Fax: +1 (803) 695-4146  
Cell: +1 (803) 979-7347  
Email: [vescovpj@westinghouse.com](mailto:vescovpj@westinghouse.com)  
[www.westinghousenuclear.com](http://www.westinghousenuclear.com)