

## ExIMNotices Public

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**From:** Metzger, Michelle I. [metzermi@westinghouse.com]  
**Sent:** Thursday, February 25, 2010 1:58 PM  
**To:** AdvanceNotifications Resource  
**Cc:** Vescovi, Peter J.; Moorer, Frank B.  
**Subject:** Export of Special Nuclear Material (SMN)  
**Attachments:** LCPT-10-10.pdf

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.

For questions contact:

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](mailto:vescovpj@westinghouse.com)  
[www.westinghousenuclear.com](http://www.westinghousenuclear.com)

**Hearing Identifier:** NSIRExportImport\_EX  
**Email Number:** 588

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**Subject:** Export of Special Nuclear Material (SMN)  
**Sent Date:** 2/25/2010 1:58:21 PM  
**Received Date:** 2/25/2010 2:01:04 PM  
**From:** Metzger, Michelle I.

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

**Recipients:**

"Vescovi, Peter J." <VescovPJ@westinghouse.com>

Tracking Status: None

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

Tracking Status: None

"AdvanceNotifications Resource" <AdvanceNotifications.Resource@nrc.gov>

Tracking Status: None

**Post Office:** SWEC9966.w-intra.net

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LCPT-10-10.pdf	87193	

**Options**

**Priority:** Standard

**Return Notification:** No

**Reply Requested:** No

**Sensitivity:** Normal

**Expiration Date:**

**Recipients Received:**



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

**Attention: Robert Caldwell, Chief**  
Fuel Cycle Security and Transportation Branch  
U.S. Nuclear Regulatory Commission  
Office of Nuclear Security and Incident  
Response  
Division of Security Policy

**Direct tel:** (803) 647-3167  
**Direct fax:** (803) 695-4164  
**e-mail:** vescovpj@westinghouse.com  
**Your ref:**  
**Our ref:** LCPT-10-10

February 25, 2010

**Subject:** Export of Special Nuclear Material of Low Strategic Significance – CEZ, a.s.

**Dear Mr. Caldwell:**

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

<b>Receiver:</b>	Ing. Daniel Ernst CEZ a.s. 373 05 Temelin Czech Republic 420-381-10-3053 (Office) 420-606-723-356 (Cell)	Ing. V. Příman ČEZ, a. s. Duhová 2/1444 140 53 Praha 4 420-2-11-04-2290 (Office) 420-602-588-823 (Cell)
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**Carriers:** **Hittman Transport Services**  
628 Gallaher Road  
Kingston, TN 33763  
Contact: Karen Kirby (865) 376-8100

Charter Vessel – mv Maineborg  
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

**Receiver:** CEZ, a.s.  
Jaderna Elecktrarna Temelin  
373 05 Temelin - Electrarna  
Czech Republic

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

**Description:** 48 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 ~ 18 kg U235

Not to exceed **864 Kg U-235** contained in **24,000 kg U-enriched not exceeding 5% in the form of dry concentrates** packed in 48 Model MCC3 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 10 March 2010  
Arrive Savannah, GA on or about 10 March 2010

**Timings:** Charter Vessel  
Depart Savannah, GA on or about 10 March 2010  
Arrive Szczecin, Poland on or about 25 March 2010

**Timings:** Rail  
Depart Szczecin, Poland on or about 26 March, 2010  
Arrive Temelin plant site on or about 26 March 2010

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

Arrive Maanshan plant site on or about 26 March 2010

(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,

***\*Electronically approved***

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)