



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  
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Your ref:  
Our ref: UAM-NRC-05-006

18 April 2005

**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:** Westinghouse Electric Company LLC  
Drawer R  
Columbia, SC 29250  
Contact: Robert Pollard (803) 647-3240

**Receiver:** South Ukraine Nuclear Power Plant of the National Nuclear  
Energy Generation Company ENERGOATOM  
Yuzhnoukrainsk  
Mykolayiv Oblast  
55000, Ukraine

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

Charter Vessel Pegasus  
c/o Hasler Group  
121 West Tazewell St  
Norfolk, VA 23510  
Contact: Denny Parker(757) 625-3305

Nikmore Services  
Nikolaev, 54002 Ukraine  
Alexander Tikhonov 380 512 507275

A BNFL Group company

SISP Review Complete

NMSS04Public

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

**Description:** 6 - unirradiated Lead Test (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

All fuel assemblies contained in MCC-5 Package in accordance with U.S. DOT Competent Authority Certification, USA/9239/AF, revision 13 as complemented by revision 14.

(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 Ocyabrsky, Ukraine then  
 By rail to South Ukraine NPP 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 28 April 2005  
 Arrive Savannah, GA on or about 29 April 2005

**Timings:** Charter Vessel  
 Depart Savannah, GA on or about 29 May 2005  
 Arrive Ocyabrsky, Ukraine on or about 26 May 2005

**Timings:** Rail  
 Depart Ocyabrsky, Ukraine on or about 26 May 2005  
 Arrive South Ukraine NPP site on or about 27 May 2005

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

Arrive South Ukraine NPP site on or about 27 May 2005

(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 Ukraine.

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(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 the undersigned.

Sincerely,

Norman A. Kent

Norman A. Kent  
Package Licensing  
Nuclear Material Transport