

122200-1



Westinghouse  
Electric Company LLC

Drawer R  
Columbia, SC 29250  
(803) 647-3552

December 22, 2000  
NRC-00-051

Division of Industrial and Medical Nuclear Safety  
U.S. Nuclear Regulatory Commission  
Washington, DC 20555-0001

Subject: Export of Special Nuclear Material of Low Strategic Significance

Dear Sir:

Westinghouse Electric Co. hereby provides notification of a pending export of special nuclear material of low strategic significance, as required in 10CFR73.73.

§73.73 Requirement for advance notice and protection of export shipments of special nuclear material of low strategic significance

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

Shipper: Mr. Thomas Ross, Manager Transport  
Westinghouse Electric Company  
Drawer R  
Columbia, SC 29250  
(803) 647-1000 (main switchboard, Security)

Receiver: Mr. M. Holan, Ing.  
CEZ Power Company a.s  
373 05 Temelin  
Czech Republic  
+42.0.334.78.2691

Carriers: Mr. Carl D. Haines, Project Supervisor  
FedEx Custom Critical  
2088 South Arlington Road  
Akron OH 44306  
(330) 786-4033  
fax: (330) 773-7455  
24 hr. phone: (800) 468-8619

Inland Transport in Czech Republic (appointed by CEZ)  
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: 42 x VVER 1000 Unirradiated Fuel Assemblies

SISP Review Complete

NMSS04Public

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Radioactive content is UO<sub>2</sub> pellets enriched up to 3.8 wt.% 235-Uranium  
 Each Fuel Assembly contains approximately 500 kg Uranium  
 Each Fuel Assembly contains approximately 19 kg of the <sup>235</sup>Uranium isotope

All Fuel Assemblies contained in MCC-5 Package in accordance with U.S. DOT  
 Competent Authority Certification USA/9239/AF Rev 11.

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

Modes: By road from Columbia SC to Charlotte NC Airport; then  
 By dedicated Charter Aircraft to Brno Airport, Czech Republic via Bangor in Maine and  
 United Kingdom. (transit Airports are for Re-fuelling Stop-over only)  
 Onward freight within Czech Republic is by railway.

**(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 January 2001  
 Arrive Charlotte NC by the same day

## Timings: Charter Aircraft

Depart Charlotte NC on or about 11 January 2001

Arrive Bangor ME same day for Re-fuelling Stop-over  
 Depart Bangor the same day.

Arrive Prestwick UK on or about 12 January 2001  
 Depart Prestwick the same day.

Arrive Brno Czech Republic on or about 12 January 2001

## Timings: Road

Depart Brno on or about 13 January 2001  
 Arrive Temelin Site on or about 13 January 2001

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

Arrive Temelin Site on or about 13 January 2001

**(a) (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:

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- (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 aircraft in Charlotte.  
It will be loaded directly from the aircraft onto rail platforms in Brno

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

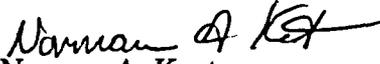
- (1) For Category II and III materials, transportation shall take place under special precautions including prior arrangements among sender, receiver, and carrier, and prior agreement between natural or legal persons subject to the jurisdiction and regulation of exporting and importing States, specifying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

Mr. Frank Moorer (Westinghouse) will accompany the material from Columbia to Charlotte.  
Mr. John Mayor (BNFL) and Mr. Carl Haines (FedEx Custom Critical) will accompany the material on its flight.  
Security aspects of the material will be handled by DMS once in the Czech Republic.

Should you have any questions, or require additional information, please contact me by telephone at (803) 647-3552, or by email at [kentna@westinghouse.com](mailto:kentna@westinghouse.com).

Sincerely,

WESTINGHOUSE ELECTRIC COMPANY LLC

  
Norman A. Kent  
Senior Engineer  
Nuclear Material Transport

cc: U.S. Nuclear Regulatory Commission  
Regional Administrator - Region II  
Atlanta Federal Center  
61 Forsyth Center, SW, Suite 23T85  
Atlanta, GA 30303-3415