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## Fax

To: Director Spent Fuel Project Office  
Fax: (301) 415-8555

Date: October 18, 2002  
Pages 4 in total

From: Norman Kent  
Direct fax: (803) 695-4164  
Direct Tel: (803) 647-3552  
e-mail: kentna@westinghouse.com

Your ref: 10CFR73.73  
Our ref: NRC-02-012

Subject: Export of Special Nuclear Material of Low  
Strategic Significance

Gloria Bennington:

Attached please find notification of a pending shipment of fuel in accordance with 10CFR73.73. I have mailed a signed copy today.

*Norman A Kent*  
Norman Kent  
Transport Licensing  
Westinghouse

*SISP Review Complete*

A BNFL Group company

*NMSS04 Public*

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

Director, Spent Fuel Project Office  
Office of Nuclear Material Safety and Safeguards  
United States Nuclear Regulatory Commission  
Washington DC, 20555-0001

Direct tel: (803) 647-3552  
Direct fax: (803) 695-4164  
e-mail: kentna@westinghouse.com

Your ref:  
Our ref: NFT-NAK-02-043

October 18, 2002

Dear Sir:

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

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. Kevin Scott  
Eskom  
Koeberg Nuclear Power Station  
Melkbosstrand, Cape Private Bay 10  
7440 Kerbrag  
Republic of South Africa  
011 27 11 800 4690

**Carriers:** Mr. Roger C. Betow  
Hittman Transport Services  
Osborn Road  
Barwell, SC, USA 29812  
800-607-6199

Mr. Denny Parker  
Hasler Group  
121 West Tazewell Street  
757-625-3841  
Charter Vessel m/v Sweder

Mr. Barry DeKlerk  
Project Freight  
24 Metro Industria  
Paarnden Eiland  
Capetown, Republic of South Africa 7405  
011 27 21 510 8880

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

Description: 52 Unirradiated (Fresh) nuclear Fuel Assemblies  
 Radioactive content is UO<sub>2</sub> pellets enriched up to 4.281 wt% 235-Uranium  
 Each Fuel Assembly contains approximately 23719.171 kg Uranium  
 Each Fuel Assembly contains approximately 1015.416 of the 235-Uranium isotope

All Fuel Assemblies contained in MCC-5 Package in accordance with U.S. DOT Competent Authority Certification USA/9239/AF Rev 13

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

Modes: By truck from Columbia SC to Little Creek Berth, Virginia Beach, Va; then  
 by dedicated Charter Vessel to Cape Town, Republic of South Africa; then  
 on-carriage within RSA via truck to Koeberg Nuclear Power Station

## (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 29 October 2002
		• Arrive Virginia Beach, Va on or about 29 October 2002
Timings	Vessel	• Sall from Virginia Beach, Va on or about 30 October 2002
		• Arrive Cape Town, RSA on or about 25 November 2002
Timings	Road	• Depart Cape Town on or about 25 November 2002
		• Arrive Koeberg site on or about 25 November 2002

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

Arrive Koeberg site on or about 25 November 2002

(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 @ Virginia Beach, Va  
 It will be loaded directly from the vessel onto truck @ Cape Town

(a) 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

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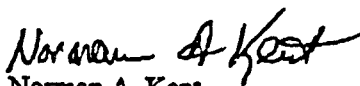
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agreement between natural or legal persons subject to the jurisdiction and regulation of exporting and importing States, specifying time, place and procedures for transferring transport responsibility;

Should you have any questions, or require additional information, please contact Mr. Thomas E. Ross at (803) 647-3756, or Mr. Frank Moorer at (803) 647-3454.

Sincerely,

WESTINGHOUSE ELECTRIC COMPANY LLC



Norman A. Kent

Licensing

Nuclear Material Transport