

MSIB

061401-1



Westinghouse
Electric Company LLC

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

May 29, 2001
NRC-01-022

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. Westinghouse regrets that this notification did not arrive at NRC at least ten days prior to departure of the material.

§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
5801 Bluff Road
Columbia, SC USA 29209
(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
757-625-3641
Charter Vessel m/v Sweder

Mr. Barry DeKlerk
Project Freight
24 Metro Industria
Paarden Eiland
Capetown, Republic of South Africa 7405

SISP Review Complete

NMSS04 Public

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011 27 21 510 8880

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

Description:

52 Unirradiated (Fresh) nuclear Fuel Assemblies
 Radioactive content is UO₂ pellets enriched up to 3.91 wt.% ²³⁵Uranium
 Each Fuel Assembly contains approximately 456 kg Uranium
 Each Fuel Assembly contains approximately 18 kg of the ²³⁵Uranium isotope

All Fuel Assemblies contained in MCC-5 Package in accordance with U.S. DOT
 Competent Authority Certification USA/9239/AF Rev 12

(a) (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 31 May 2001
 Arrive Virginia Beach, Va on or about 1 June 2001

Timings: vessel

Sail from Virginia Beach, Va on or about 2 June 2001
 Arrive Cape Town, RSA on or about 26 June 2001

Timings: Road

Depart Cape Town on or about 27 June 2001
 Arrive Koeberg site on or about 29 June 2001

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

Arrive Koeberg site on or about 29 June 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:

**(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

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

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(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. Cahal Loose (BNFL) will accompany the material from Columbia to Virginia Beach, Va
Security aspects of the material will be handled by Project Freight within RSA.

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.

Sincerely,

WESTINGHOUSE ELECTRIC COMPANY LLC



Norman A. Kent
Nuclear Fuel Transport

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