

## ExIMNotices Public

---

**From:** RIDENHOUR Cheryl (TRANSNUCLEAR INC) [cheryl.ridenhour@transnuclear.com]  
**Sent:** Monday, November 23, 2009 10:26 AM  
**To:** AdvanceNotifications Resource  
**Cc:** RIVERA Samuel (TRANSNUCLEAR INC)  
**Subject:** Advance Notice of 20903-ANF-003-00  
**Attachments:** NRC Advance Notice 20903-ANF-003-00 signed.pdf

Please see attached notification of shipment.  
Thank you,

**Cheryl Ridenhour**

*Transport Analyst*

**Transnuclear, Inc.**

work- 410-910-6952

cell- 443-458-2004

**Hearing Identifier:** NSIRExportImport\_EX  
**Email Number:** 547

**Mail Envelope Properties** (24FE50BA7918DD4180737BB866FEC5CC7A4F41)

**Subject:** Advance Notice of 20903-ANF-003-00  
**Sent Date:** 11/23/2009 10:25:38 AM  
**Received Date:** 11/23/2009 10:25:41 AM  
**From:** RIDENHOUR Cheryl (TRANSNUCLEAR INC)

**Created By:** cheryl.ridenhour@transnuclear.com

**Recipients:**  
"RIVERA Samuel (TRANSNUCLEAR INC)" <samuel.rivera@transnuclear.com>  
Tracking Status: None  
"AdvanceNotifications Resource" <AdvanceNotifications.Resource@nrc.gov>  
Tracking Status: None

**Post Office:** auscolumx01.adom.ad.corp

| Files                                          | Size | Date & Time            |
|------------------------------------------------|------|------------------------|
| MESSAGE                                        | 186  | 11/23/2009 10:25:41 AM |
| NRC Advance Notice 20903-ANF-003-00 signed.pdf |      | 61662                  |

**Options**  
**Priority:** Standard  
**Return Notification:** No  
**Reply Requested:** No  
**Sensitivity:** Normal  
**Expiration Date:**  
**Recipients Received:**



November 23, 2009

U.S. Nuclear Regulatory Commission  
11545 Rockville Pike  
Rockville, MD, 20852-2738  
NSIR, DNS, NTWS, M-S T-4 D-8  
Attn: Ms. Adelaide Giantelli

Senior Program Manager (301-415-3521) – [advancenotifications@nrc.gov](mailto:advancenotifications@nrc.gov)

Re: Transnuclear reference: **20903-ANF-003-00**  
Advance notification for an export shipment of nuclear material.

This letter constitutes Transnuclear Inc.'s advance notification to the USNRC in compliance with the requirements as outlined in 10 CFR 73.73 for export shipment of low strategic significance material.

Details of this shipment as required in 10 CFR 73.73 are as follows:

**Per 10 CFR 73.73:**

| <b>Importer of Record</b>                                                                                 | <b>Shipper</b>                                                                                                                 |
|-----------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------|
| Advanced Nuclear Fuels GmbH<br>Pollersand-Industrepark, SUD Postfach 14<br>Lingen/Ems<br>Germany 49784    | AREVA NP<br>2101 Horn Rapids Rd<br>Richland, WA 99354                                                                          |
| <b>Receiver:</b>                                                                                          | <b>Carrier Vessel</b>                                                                                                          |
| Advanced Nuclear Fuels GmbH<br>Pollersand-Industrepark, SUD Postfach 14<br>Lingen/Ems<br>Germany 49784    | Atlantic Container Lines UK Ltd.<br>8 Princes Parade<br>Liverpool L31DL<br>United Kingdom<br>+44 151 4728128 (US) 800.225.1235 |
| <b>Transport Management/ Coordinator</b>                                                                  | <b>Inland Carrier</b>                                                                                                          |
| Transnuclear, Inc.<br>7135 Minstrel Way, Ste. 300<br>Columbia, MD 21045<br>Catherine Shelton 410.910.6950 | CAST Transportation<br>9850 Havana Street<br>Henderson, CO 80640-8443<br>(303) 534-6376                                        |

**Per 10 CFR 73.73:**

**TRANSNUCLEAR INC.**

7135 Minstrel Way • Suite 300 • Columbia, MD 21045  
Tel: 410-910-6900 • Fax: 410-910-6902  
[www.transnuclear.com](http://www.transnuclear.com)

FMC License No.019595F

Physical description of shipment: UO2 pellets packaged inside a maximum of (24) ANF-250 packages in one 20' container.

Proper Shipping Name: Radioactive Material, Type-A package, Fissile, non-special form, Class 7, UN3327

Qty and type of packages: max of (24) ANF-250 packages

Maximum enrichment: 4.95%

Gross weight: 6,720 kg

U Weight: 2,880 kg

U235 Weight: 144 kg

Category: III

**Per 10 CFR 73.73:**

| MODE             | ORIGIN (O),TRANSFER(T),<br>COUNTRY/ENROUTE(C/E)&<br>DESTINATION(D) POINTS | ROUTE             | DATE/TIME OF<br>ARRIVAL (A) &<br>DEPARTURE (D) AT<br>EACH POINT |
|------------------|---------------------------------------------------------------------------|-------------------|-----------------------------------------------------------------|
| Truck            | Richland, WA to Baltimore, MD                                             | direct            | Dec 18-23, 2009                                                 |
| ATL ConcertV0317 | Baltimore, MD                                                             | Standard<br>Ocean | (A/D) 24 Dec 09<br>0800—2359 hours                              |
|                  | New York City, NY                                                         |                   | (A/D) 26 Dec 09<br>0800—2359 hours                              |
|                  | Halifax, Canada                                                           |                   | (A/D) 28 Dec09<br>0800—2359 hours                               |
|                  | Liverpool                                                                 |                   | (A/D) 5 Jan 10<br>0800—2359 hours                               |
|                  | Antwerp (O)                                                               |                   | (A/D) 7 Jan 10 /<br>20NOV09<br>0800—2359 hours                  |
|                  | Hamburg                                                                   |                   | (A/D) 9 Jan 10<br>0800-2359                                     |

Arrival at the receiving facility is estimated to be between 0700 – 2359 hours January 9, 2010.

This shipment will be protected during transport in accordance with IAEA circular 225 "Physical Protection of Nuclear Materials".

Best regards,



**Name: Cheryl Ridenhour**

**TRANSNUCLEAR INC.**

7135 Minstrel Way • Suite 300 • Columbia, MD 21045  
Tel: 410-910-6900 • Fax: 410-910-6902  
www.transnuclear.com

FMC License No.019595F