

Meeting & Contact point



Environment Agency

7

Fax

To	Janice Owens	From	Bob Russ
Company	NRC	Date	30 March 2006
Fax	001 301 415 2395	Pages	9 (inc. this sheet)

Dear Janice,

Here are the documents I mentioned when we spoke recently. I have tried to explain in the covering letter that we won't allow the shipment unless you say yes at Section 20 of the two page form headed "APPROVAL BY THE COMPETENT AUTHORITIES CONSULTED".

If you have any questions or concerns please call me, or e-mail. We think that this would be a useful trial and if you say yes we will be very likely to authorise the shipment. Either way we would like to decide on this one before the end of April, do you think that this will be possible?

Bob Russ
Policy Manager (International)
Radioactive Substances Regulation

Direct dial: +44 (0)117 914 2977
Direct fax: +44 (0)117 914 2734
E-mail: bob.russ@environment-agency.gov.uk

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Environment Agency
Head Office, Block 1, Government Buildings, Burghill Road, Westbury-on-Trym, Bristol, BS10 6BF
Tel: 0117 914 2700 Fax: 0117 914 2770

Edits - nrc fax Eng_duration tend.doc

Our ref: BR/06/TFS/2006/001

Your ref:

Date: 27 March 2006

Mrs Janice Owens
Mailstop T-8F5
US N.R.C
Washington DC
20555
United States of America

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Dear Mrs Owens

PROPOSED EXPORT OF RADIOACTIVELY CONTAMINATED LEAD FROM THE UK TO DURATEK, OAK RIDGE, TENNESSEE

I enclose for your attention an application for the export from the UK to the USA of 18 tonnes of radioactively contaminated lead to Duratek for the purposes of a trial process.

Within the European Union the export of radioactive waste, is regulated in accordance with EC Directive 92/3 Euratom (on the transfrontier shipment of radioactive waste). The Directive includes provisions covering the export of radioactive waste. In the UK the Directive is implemented by the Transfrontier Shipment of Radioactive Waste Regulations 1993 (the Regulations). Please note that the Regulations are separate to, and distinct from, the IAEA and UK transport requirements.

The Environment Agency is the competent authority for the Regulations in England and Wales and is required to consult with, and seek approval of, the relevant competent authorities in the country of destination. For the purposes of the Regulations this consignment of lead is considered under the Regulations to be radioactive waste.

A copy of both the application from British Nuclear Group (BNG) and the Approval form are appended. Section 20 of the Approval form provides the opportunity for the NRC to approve or refuse the proposed shipment. We will not grant the authorisation to BNG without the approval of the NRC.

If you wish to approve please tick the YES box at Section 20 and include any conditions you may wish to make. I will impose a small number of conditions, which will include the requirement on BNG to accept back the consignment if it cannot for any reason be completed. In addition BNG/Duratek will have to report on the outcome of the trial within 6 months of its completion. It should then be signed, dated and stamped.

If you wish to refuse the shipment please tick the NO box at Section 20 and provide your reason for refusal. It should then be signed, dated and stamped.

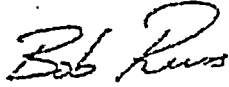
Cont/d..

Environment Agency
Head Office, Block 1, Government Buildings, Burghill Road, Westbury-on-Trym, Bristol, BS10 6BF
Tel: 0117 914 2700 Fax: 0117 914 2770

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Should you have any queries concerning the content of the application, or the application of the UK regulations or European Directive, I can be contacted on 0044 (0)117 9142977 or by e-mail at bob.russ@environment-agency.gov.uk

Yours sincerely



BOB RUSS
Policy Manager (International),
Radioactive Substances Regulation
Environment Agency

Direct dial 0117 9142977
Direct fax 0117 9142734

Enc. Section 1
Section 2
Directive
SI 1993 No. 3031

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SECTION 2

Registration No: TFS/2006/001


(to be completed by the authorities responsible for issuing the shipment authorization)

STANDARD DOCUMENT FOR MONITORING RADIOACTIVE WASTE SHIPMENTS
(DIRECTIVE 92/3/EURATOM)

APPROVAL BY THE COMPETENT AUTHORITIES CONSULTED

NOTE

1. The competent authorities responsible for issuing the authorization for the radioactive waste shipment should complete boxes 17 and 18 immediately on receipt of the application and enter the registration number at the top of each section of the standard document. They should then make sufficient copies of section 2 to send to any other competent authorities whose approval is required for the shipment(s) to be authorized ('the competent authority consulted'). For each competent authority to be consulted, box 19 should be completed on a copy of section 2; that copy of section 2, together with a copy of section 1, should be sent to the competent authority to be consulted named therein.
2. The competent authority consulted should make any necessary additional entries in box 19 and should give the application due consideration. Within two months from the date of receipt it should complete box 20 and return the original copy of section 2 to the competent authority responsible for issuing the authorization. An extension of up to one month in the time required to consider an application may be requested by the competent authority consulted. Failure to complete and return the form by the due time shall be taken as deemed approval of the shipment application, subject to Article 6 (4) of Directive 92/3/Euratom.

17	<p>Competent authorities responsible for issuing the shipment authorization</p> <p>Depending on the type of shipment, these authorities are:</p> <p>Type A: the authorities of the country of origin;</p> <p>Type B: the authorities of the country of destination;</p> <p>Type C: the authorities of the country of origin;</p> <p>Type D: the authorities of the Member State by way of which the waste enters the Community.</p> <p>Name of the competent authorities: <u>Environment Agency</u></p> <p>Contact person: Mr/Ms <u>Mr Bob Russ</u></p> <p>Address: <u>Block 1 Government Buildings, Burchill Road, Westbury-on-Trym.</u></p> <p>Post code: <u>BS10 6BF</u> Town: <u>BRISTOL</u> Country: <u>England, UK</u></p> <p>Tel.: <u>+441179142977</u> Fax: <u>+441179142734</u> Telex: _____</p>
18	<p>Date of registration of the application: _____</p> <div style="border: 1px solid black; padding: 5px; display: inline-block;"> <p style="text-align: center; font-weight: bold; font-size: 1.2em;">RECEIVED</p> <p style="text-align: center;">Stamp 7 MAR 2006</p> <p style="text-align: center;">Environment Agency</p> </div> <div style="text-align: right; margin-top: 20px;">  _____ (Signature) </div>
19	<p>Competent authorities of the country consulted</p> <p>Country: <u>United States of America</u></p> <p>Country of origin <input type="checkbox"/> of transit <input type="checkbox"/> of destination <input checked="" type="checkbox"/></p> <p>Name of the competent authorities: <u>NRC</u></p> <p>Contact person: Mr/Ms <u>Janice Owens</u></p> <p>Address: <u>Mailstop T-8F5, US N.R.C</u></p> <p>Post code: <u>20555</u> Town: <u>Washington</u> Country: <u>USA</u></p> <p>Tel.: <u>0013014153654</u> Fax: <u>0013014152395</u> Telex: _____</p>

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COMMISSION DECISION

of 1 October 1993

establishing the standard document for the supervision and control of shipments of radioactive waste referred to in Council Directive 92/3/Euratom

(93/552/Euratom)

THE COMMISSION OF THE EUROPEAN COMMUNITIES,

Having regard to the Treaty establishing the European Atomic Energy Community;

Having regard to Council Directive 92/3/Euratom of 3 February 1992 on the supervision and control of shipments of radioactive waste between Member States and into and out of the Community, and in particular Article 20 thereof;

Whereas by virtue of Directive 92/3/Euratom the Commission is required to establish a standard document;

Whereas that Directive applies not only to shipments of radioactive waste between Member States but also to imports into and exports out of the Community of such waste and to its transit through the Community from a third country to another third country;

Whereas under certain circumstances an application may be sent in respect of more than one shipment;

Whereas it is appropriate to include all these cases in a uniform document, with a number of sections reflecting the various cases envisaged by the Directive;

Whereas the measures provided for in this Decision are in accordance with the opinion of the Committee instituted under Article 19 of that Directive;

HAS ADOPTED THIS DECISION:

Article 1

The standard document contained in the Annex shall be used in respect of any shipments of radioactive waste between Member States or into and out of the Community within the scope of Directive 92/3/Euratom.

Article 2

The standard document must be completed in accordance with the notes contained in its different sections.

¹ Cf. No L 35, 12. 2. 1992, p. 24.

Article 3

1. The standard document shall be printed in black ink on white paper, weighing at least 40 grams per square metre, and its strength should be such that in normal use it does not easily tear or crease.

2. The standard document shall measure 210 by 297 mm (A4) with a maximum tolerance as to length of 5 mm less and 8 mm more.

3. Member States may require that the forms show the name and address of the printer or a mark enabling the printer to be identified. They may also make private printing of the forms conditional on prior approval.

Article 4

Member States shall take the measures necessary to comply with this Decision not later than 1 January 1994.

Article 5

This Decision is addressed to the Member States.

Done at Brussels, 1 October 1993.

For the commission

Yannis PALEOKRASSAS

Member of the Commission

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SECTION 1

Registration No: TFS/2006/001
(to be completed by the authorities responsible for issuing the shipment authorization)

STANDARD DOCUMENT FOR MONITORING RADIOACTIVE WASTE SHIPMENTS
 (DIRECTIVE 92/3/EURATOM)

APPLICATION FOR SHIPMENT AUTHORIZATION

NOTE

The applicant must complete boxes 1 to 16 and must then send the entire standard document (sections 1 to 5) to the competent authorities of his country, who are responsible for issuing the authorization for the radioactive waste shipment.

The applicant is the following, depending on the type of shipment (see box 1):

- Type A: Shipment between Member States - *the holder of the radioactive waste;*
- Type B: Import into the Community - *the consignee of the radioactive waste;*
- Type C: Export from the Community - *the holder of the radioactive waste;*
- Type D: Transit through the Community - *the person responsible for the shipment in the Member State by way of which the waste enters the Community;*

Section 1 accompanies the waste as it is shipped, as do sections 3 and 4.

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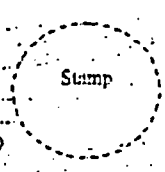
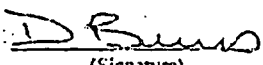
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1	Type of Shipment <i>(tick the appropriate box)</i> Type A: Shipment between Member States <input type="checkbox"/> Type B: Import into the Community <input type="checkbox"/> Type C: Export from the Community <input checked="" type="checkbox"/> Type D: Transit through the Community <input type="checkbox"/>
2	Application for authorization for <i>(tick the appropriate box)</i> a single shipment <input checked="" type="checkbox"/> several shipments <input type="checkbox"/> Number of shipments planned: _____ Planned period of execution: <u>2006</u>
3	<i>(Box to be completed for shipment(s) between Member States via one or more third countries.)</i> Frontier post of exit from the Community: <u>N/A</u> Frontier post of entry to third country (first country crossed): <u>N/A</u> Frontier post of exit from third country (last country crossed): <u>N/A</u> Frontier post of return to the Community: <u>N/A</u> (These frontier posts must be identical for all shipments covered by the application unless otherwise agreed by the competent authorities.)
4	Holder <i>(trade name)</i> : <u>British Nuclear Group Sellafield Ltd, Seascale, Cumbria, England</u> Contact person: Mr/Ms <u>Mr. D. J. Burns</u> Address: <u>B130, Sellafield, Seascale, Cumbria</u> Post code: <u>CA20 1PG</u> Town: <u>Seascale</u> Country: <u>England</u> Tel.: <u>019467 71614</u> Fax: <u>019467 27551</u> Telex: <u>N/A</u>
5	<i>(Box to be completed if the information to be entered differs from that in box 4.)</i> Place where the waste is held: <u>Sellafield</u> Contact person: Mr/Ms <u>As above in Section 4.</u> Address: <u>As above in Section 4.</u> Post code: _____ Town: _____ Country: _____ Tel.: _____ Fax: _____ Telex: _____

6	Nature of the waste: <u>Lead shielding blocks and sheet</u>		
	Physico-chemical characteristics: <u>Solid Form</u>		
	Main radionuclides: <u>Pu-241, Cs-137, Sr-90</u>		
	Maximum alpha activity/package: (GBq) <u>3.37 E-06 GBq</u>		
Maximum beta/gamma activity/package: (GBq) <u>8.83 E-04 GBq</u>			
7	Total alpha activity: (GBq) <u>2.02 E-05 GBq</u>		
	Total activity beta/gamma: (GBq) <u>5.30 E-03 GBq</u>		
	Total number of packages: <u>6</u>	Total net weight of waste: (kg) <u>17153</u>	
	Total gross weight: (kg) <u>18000</u>		
	Total volume (optional) <u>1.5 cubic metres</u>		
<i>(These values are estimates if the application relates to several shipments.)</i>			
Model of packages containing the waste (e.g. plastic bags, metal drums 200L, ISO transport container, etc): <u>IP-2 container</u>			
Means of identification of the packages (if labelling is used, annex examples) <u>Package Address Labels with sequential numbering system</u>			
8	Other hazards categories (tick any appropriate box/boxes)		
	Category 1	Explosive substances <input type="checkbox"/>	
	Category 2	Gas: compressed, liquefied or dissolved under pressure <input type="checkbox"/>	
	Category 3	Inflammable liquids <input type="checkbox"/>	
	Category 4	4.1.	Inflammable solids <input type="checkbox"/>
		4.2.	Substances liable to spontaneous combustion <input type="checkbox"/>
		4.3.	Substances which, on contact with water, give off inflammable gases <input type="checkbox"/>
	Category 5	5.1.	Oxidizing substances <input type="checkbox"/>
		5.2.	Organic peroxides <input type="checkbox"/>
	Category 6	6.1.	Toxic substances <input type="checkbox"/>
6.2.		Substances liable to provoke disgust or infection <input type="checkbox"/>	
Category 8	Corrosive substances <input type="checkbox"/>		
Category 9	Various dangerous substances <input type="checkbox"/>		
9	Type of activity giving rise to the waste (e.g. medical, research, industrial nuclear industry or other activity to be specified)		
	<u>Nuclear Industry</u>		
10	Purpose of the shipment (tick the appropriate box)		
	Return of waste resulting from retreatment of irradiated fuel	<input type="checkbox"/>	
	Treatment and/or packaging of waste	<input checked="" type="checkbox"/>	
	Return of waste after treatment and/or packaging	<input type="checkbox"/>	
	Interim storage	<input type="checkbox"/>	
	Return after interim storage	<input type="checkbox"/>	
Final disposal	<input type="checkbox"/>		
Other purposes (to be specified)			
For smelting and reuse within the US nuclear industry. Any waste arising from the processing will remain in the US.			

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11	Proposed form of transport (road, rail, sea, air, inland waterway)	Point of departure	Point of arrival	Proposed carrier
	1 Road	Sellafield (UK).	Port of Hull (UK).	MIIF Logistical Solutions
	2 Sea	Port of Hull (UK).	Port of Portsmouth, Virginia (USA).	MIIF Logistical Solutions
	3 Road	Port of Portsmouth, Virginia (USA).	Oak Ridge, TN	Duratek
	4			
5				
12	Ordered list of countries involved in the shipment (the first country is that where the waste is held and the last is the country of destination)			
	1 England	3	5	7
2 USA	4	6	8	
13	Consignee (trade name): <u>Duratek</u>			
	Contact person: Mr/Ms <u>Assef Azuleh</u>			
	Address: <u>1560 Bear Creek Road, Oak Ridge, Tennessee 37831</u>			
	Post code: <u>37831</u>	Town: <u>Oak Ridge</u>	Country: <u>USA</u>	
Tel.: <u>001 800.663.2966</u>	Fax: <u>001 865.482.7206</u>	Telex:		
14	(Box to be completed if the information to be entered differs from that in box 13)			
	Place of destination of the waste <u>As above in Section 13</u>			
	Contract person: Mr/Ms <u>As above in Section 1</u>			
	Address: <u>As above in Section 1</u>			
15	Applicant (trade name) <u>British Nuclear Group Sellafield Ltd, Seascale, Cumbria, England</u>			
	Person responsible: Mr/Ms <u>Mr. D. J. Burns</u>			
	Address: <u>B130, Sellafield, Seascale, Cumbria</u>			
	Post code: <u>CA20 1PG</u>	Town: <u>Seascale</u>	Country: <u>England</u>	
Tel.: <u>+4419467 71614</u>	Fax: <u>+4419467 27351</u>	Telex: <u>N/A</u>		
16	In accordance with the provisions of Directive 92/3/Euratom, I hereby:			
	(i) apply for authorization to make the shipment(s) of radioactive waste described above; certify that			
	(ii) the information provided above is correct to the best of my knowledge and that the shipment(s) will be carried out in accordance with all the relevant statutory provisions;			
	(Where the shipment is of type A or C)			
(iii) undertake to take back the waste if the shipment(s) cannot take place or if the conditions for shipment cannot be fulfilled(*).				
(Where the shipment is of type B or D)				
attach hereto a declaration by the holder of the radioactive waste established in the third country that he will take back the waste if the shipment(s) cannot take place or if the conditions for shipment cannot be fulfilled(*).				
				
<u>23/03/06 SELLAFIELD</u> (Date and place)		 (Signature)		
(*) Only one of the asterisked statements can apply; delete whichever is inapplicable.				

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