

# HALLIBURTON

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International Trade Compliance Group  
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U. S. Nuclear Regulatory Commission  
Office of International Programs  
ATTN: Stephen Dembek  
Mail Stop: O4E21  
11555 Rockville Pike  
Rockville, MD 20852

January 23, 2008

RE: Reporting Export of Americium under Title 10 Code of Federal Regulations Sections 110.23 (b)

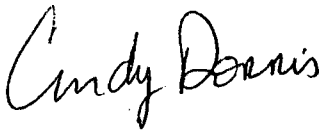
Dear Mr. Dembek,

I am writing to you with regards to reporting requirements for exports of Americium under Section 110.23 (b) of the NRC's export and import regulations in 10 CFR Part 110. Enclosed is a spreadsheet documenting the export of Americium by Halliburton Energy Services, Inc. for the year 2008.

In this spreadsheet I have identified the Isotope, Quantity in curies, Source Serial Number, the Shipment Date, Destination Country, The End User, and the Intended use of the material

If you should have any questions or require additional information pertaining to these sources, or any other exports of radioactive materials, please contact me at the letterhead address or telephone number below, or if it is more convenient by e-mail at [cynthia.dorris@halliburton.com](mailto:cynthia.dorris@halliburton.com).

Sincerely,



Cindy Dorris  
Halliburton Law Department  
International Trade Compliance  
Export Group  
Phone: 713-839-4566



Enc: 2008 Americium Export Spreadsheet

### Halliburton Energy Services - 2008 Americium Report

| Isotopes          | Activity in Curies | Serial Number | Date Shipped | Country | End User    | Intended Use                     |
|-------------------|--------------------|---------------|--------------|---------|-------------|----------------------------------|
| Am-241            | 0.00000005         | E7-515        | 9/19/2008    | Angola  | Halliburton | Logging Tool Compensation Source |
| Am-241            | 0.00000005         | E7-514        | 9/19/2008    | Angola  | Halliburton | Logging Tool Compensation Source |
| Am-241            | 0.00000005         | E7-516        | 9/19/2008    | Angola  | Halliburton | Logging Tool Compensation Source |
| Am-241            | 0.15               | 4216AR        | 5/01/2008    | Angola  | Halliburton | Well Logging                     |
| <b>Total 2008</b> | <b>0.15000015</b>  |               |              |         |             |                                  |

| Isotopes          | Activity in Curies | Serial Number     | Date Shipped | Country   | End User    | Intended Use             |
|-------------------|--------------------|-------------------|--------------|-----------|-------------|--------------------------|
| Am241Be           | 0.1                | 550-1018          | 11/24/2008   | Argentina | Halliburton | Logging Tool Calibration |
| Am241Be           | 0.1                | 550-1019          | 11/24/2008   | Argentina | Halliburton | Logging Tool Calibration |
| Am241Be           | 8                  | 8634NK/92<br>38NK | 11/24/2008   | Argentina | Halliburton | Well Logging             |
| Am241Be           | 15                 | DSN-379           | 3/19/2008    | Argentina | Halliburton | Well Logging             |
| Am241Be           | 5                  | T-689             | 5/12/208     | Argentina | Halliburton | Well Logging             |
| Am241Be           | .5                 | CAL-68            | 2/27/2008    | Argentina | Halliburton | Logging Tool Calibration |
| Am241Be           | 19                 | DSN-46            | 2/27/2008    | Argentina | Halliburton | Well Logging             |
| <b>Total 2008</b> | <b>47.7</b>        |                   |              |           |             |                          |

| Isotopes          | Activity in Curies | Serial Number | Date Shipped | Country   | End User    | Intended Use                     |
|-------------------|--------------------|---------------|--------------|-----------|-------------|----------------------------------|
| Am-241            | 0.00000005         | E7-512        | 7/3/2008     | Australia | Halliburton | Logging Tool Compensation Source |
| Am-241            | 0.00000005         | E7-521        | 10/2/2008    | Australia | Halliburton | Logging Tool Compensation Source |
| Am241Be           | 8                  | 5887NN/5888NN | 9/22/2008    | Australia | Halliburton | Well Logging                     |
| Am241Be           | 15                 | DSN-393       | 5/5/2008     | Australia | Halliburton | Well Logging                     |
| <b>Total 2008</b> | 23.00000010        |               |              |           |             |                                  |

| Isotopes          | Activity in Curies | Serial Number | Date Shipped | Country    | End User    | Intended Use |
|-------------------|--------------------|---------------|--------------|------------|-------------|--------------|
| Am241Be           | 8                  | 8307NK/8308NK | 11/27/2008   | Azerbaijan | Halliburton | Well Logging |
| Am241Be           | 19                 | 0105NN        | 8/21/2008    | Azerbaijan | Halliburton | Well Logging |
| <b>Total 2008</b> | 27                 |               |              |            |             |              |

| Isotopes          | Activity in Curies | Serial Number | Date Shipped | Country | End User    | Intended Use                     |
|-------------------|--------------------|---------------|--------------|---------|-------------|----------------------------------|
| Am-241            | 0.00000005         | E7-519        | 8/4/2008     | Brazil  | Halliburton | Logging Tool Compensation Source |
| <b>Total 2008</b> | 0.00000005         |               |              |         |             |                                  |

| Isotopes          | Activity in Curies | Serial Number | Date Shipped | Country | End User    | Intended Use |
|-------------------|--------------------|---------------|--------------|---------|-------------|--------------|
| Am241Be           | 8                  | 1410NN/3968NK | 10/14/2008   | Brunei  | Halliburton | Well Logging |
| <b>Total 2008</b> | 8                  |               |              |         |             |              |

| Isotopes          | Activity in Curies | Serial Number | Date Shipped | Country | End User    | Intended Use                     |
|-------------------|--------------------|---------------|--------------|---------|-------------|----------------------------------|
| Am-241            | 0.00000005         | C1-898        | 7/17/2008    | Canada  | Halliburton | Logging Tool Compensation Source |
| Am-241            | 0.00000005         | C6-156        | 7/17/2008    | Canada  | Halliburton | Logging Tool Compensation Source |
| Am-241            | 0.00000005         | C9-710        | 9/9/2008     | Canada  | Halliburton | Logging Tool Compensation Source |
| Am-241            | 0.00000005         | F2-439        | 10/6/2008    | Canada  | Halliburton | Logging Tool Compensation Source |
| Am241Be           | 15                 | 08-019        | 10/25/2008   | Canada  | Halliburton | Well Logging                     |
| Am241Be           | 15                 | 08-020        | 10/25/2008   | Canada  | Halliburton | Well Logging                     |
| Am241Be           | 15                 | 08-029        | 11/19/2008   | Canada  | Halliburton | Well Logging                     |
| Am-241            | 0.15               | 4215AR        | 10/16/2008   | Canada  | Halliburton | Well Logging                     |
| Am241Be           | 8                  | 7325NK/7326NK | 8/15/2008    | Canada  | Halliburton | Well Logging                     |
| Am241Be           | 8                  | 1388NN/1389NN | 12/19/2008   | Canada  | Halliburton | Well Logging                     |
| Am241Be           | 19                 | 4140NK        | 2/19/2008    | Canada  | Halliburton | Well Logging                     |
| Am241Be           | 19                 | 0024NN        | 4/26/2008    | Canada  | Halliburton | Well Logging                     |
| <b>Total 2008</b> | 99.15000020        |               |              |         |             |                                  |

| Isotopes          | Activity in Curies | Serial Number | Date Shipped | Country  | End User    | Intended Use                        |
|-------------------|--------------------|---------------|--------------|----------|-------------|-------------------------------------|
| Am-241            | 0.00000005         | F2-430        | 10/22/2008   | Colombia | Halliburton | Logging Tool<br>Compensation Source |
| Am-241            | 0.00000005         | F2-429        | 10/22/2008   | Colombia | Halliburton | Logging Tool<br>Compensation Source |
| Am241Be           | 15                 | DSN-395       | 7/15/2008    | Colombia | Halliburton | Well Logging                        |
| Am241Be           | 15                 | DSN-396       | 7/31/2008    | Colombia | Halliburton | Well Logging                        |
|                   |                    |               |              |          |             |                                     |
| <b>Total 2008</b> | 30.00000010        |               |              |          |             |                                     |

| Isotopes          | Activity in Curies | Serial Number | Date Shipped | Country | End User    | Intended Use |
|-------------------|--------------------|---------------|--------------|---------|-------------|--------------|
| Am241Be           | 15                 | DSN-404       | 10/23/2008   | Ecuador | Halliburton | Well Logging |
|                   |                    |               |              |         |             |              |
| <b>Total 2008</b> | 15                 |               |              |         |             |              |

| Isotopes          | Activity in Curies | Serial Number | Date Shipped | Country | End User    | Intended Use |
|-------------------|--------------------|---------------|--------------|---------|-------------|--------------|
| Am241Be           | 15                 | DSN-403       | 7/7/2008     | Egypt   | Halliburton | Well Logging |
|                   |                    |               |              |         |             |              |
| <b>Total 2008</b> | 15                 |               |              |         |             |              |

| Isotopes          | Activity in Curies | Serial Number | Date Shipped | Country | End User    | Intended Use |
|-------------------|--------------------|---------------|--------------|---------|-------------|--------------|
| Am241Be           | 8                  | 5909NN/5910NN | 10/14/2008   | Gabon   | Halliburton | Well Logging |
| Am241Be           | 15                 | 08166B        | 69/12/2008   | Gabon   | Halliburton | Well Logging |
|                   |                    |               |              |         |             |              |
| <b>Total 2008</b> | 23                 |               |              |         |             |              |

| Isotopes          | Activity in Curies | Serial Number | Date Shipped | Country        | End User    | Intended Use             |
|-------------------|--------------------|---------------|--------------|----------------|-------------|--------------------------|
| Am-241            | 0.15               | 4385AR        | 10/23/2008   | United Kingdom | Halliburton | Well Logging             |
| Am-241            | 0.15               | 5004AR        | 12/04/2008   | United Kingdom | Halliburton | Well Logging             |
| AM241Be           | 8                  | 4267NN/4268NN | 3/11/2008    | United Kingdom | Halliburton | Well Logging             |
| AM241Be           | 8                  | 5895NN/5896NN | 8/18/2008    | United Kingdom | Halliburton | Well Logging             |
| AM241Be           | 8                  | 5881NN/5882NN | 8/18/2008    | United Kingdom | Halliburton | Well Logging             |
| AM241Be           | 8                  | 5889NN/5890NN | 8/18/2008    | United Kingdom | Halliburton | Well Logging             |
| AM241Be           | .01                | AM9860        | 7/17/2008    | United Kingdom | Halliburton | Logging Tool Calibration |
| AM241Be           | 8                  | 2596NN/2597NN | 4/3/2008     | United Kingdom | Halliburton | Well Logging             |
| AM241Be           | 19                 | 0126NN        | 2/01/2008    | United Kingdom | Halliburton | Well Logging             |
| AM241Be           | 8                  | 3967NK/8595NK | 1/11/2008    | United Kingdom | Halliburton | Well Logging             |
| AM241Be           | 4                  | 3967NK        | 1/11/2008    | United Kingdom | Halliburton | Well Logging             |
| AM241Be           | 4                  | 8595NK        | 1/11/2008    | United Kingdom | Halliburton | Well Logging             |
|                   |                    |               |              |                |             |                          |
| <b>Total 2008</b> | 75.31              |               |              |                |             |                          |

| Isotopes          | Activity in Curies | Serial Number | Date Shipped | Country   | End User    | Intended Use                     |
|-------------------|--------------------|---------------|--------------|-----------|-------------|----------------------------------|
| Am-241            | 0.00000005         | D9-763        | 5/16/2008    | Indonesia | Halliburton | Logging Tool Compensation Source |
| AM241Be           | 15                 | DSN-400       | 7/1/2008     | Indonesia | Halliburton | Well Logging                     |
| AM241Be           | 19                 | DSN-201       | 6/18/2008    | Indonesia | Halliburton | Well Logging                     |
| AM241Be           | .5                 | CAL-108       | 6/18/2008    | Indonesia | Halliburton | Well Logging                     |
| AM241Be           | .5                 | CAL-134       | 7/25/2008    | Indonesia | Halliburton | Well Logging                     |
| Am-241            | 0.00000005         | PH-918        | 1/27/2008    | Indonesia | Halliburton | Logging Tool Compensation Source |
| AM241Be           | .5                 | CAL-98        | 6/17/2008    | Indonesia | Halliburton | Well Logging                     |
| AM241Be           | 19                 | 0362NN        | 12/22/2008   | Indonesia | Halliburton | Well Logging                     |
| Am-241            | 0.00000005         | C6-802        | 12/4/2008    | Indonesia | Halliburton | Logging Tool Compensation Source |
| Am-241            | 0.00000005         | D5-638        | 12/1/2008    | Indonesia | Halliburton | Logging Tool Compensation Source |
| Am-241            | 0.00000005         | D9-248        | 12/1/2008    | Indonesia | Halliburton | Logging Tool Compensation Source |
| AM241Be           | 19                 | 0032NN        | 5/9/2008     | Indonesia | Halliburton | Well Logging                     |
| AM241Be           | 19                 | DSN-155       | 4/24/2008    | Indonesia | Halliburton | Well Logging                     |
| AM241Be           | .5                 | CAL-138       | 4/24/2008    | Indonesia | Halliburton | Well Logging                     |
| Am-241            | 0.00000005         | D5-368        | 10/22/2008   | Indonesia | Halliburton | Logging Tool Compensation Source |
| Am-241            | 0.00000005         | C6-802        | 3/29/2008    | Indonesia | Halliburton | Logging Tool Compensation Source |
| AM241Be           | 19                 | DSN-151       | 3/11/2008    | Indonesia | Halliburton | Well Logging                     |
| AM241Be           | 19                 | DSN-155       | 3/4/2008     | Indonesia | Halliburton | Well Logging                     |
| AM241Be           | .5                 | CAL-138       | 3/4/2008     | Indonesia | Halliburton | Well Logging                     |
| AM241Be           | 15                 | DSN-304       | 2/26/2008    | Indonesia | Halliburton | Well Logging                     |
| Am-241            | 0.00000005         | D9-248        | 4/25/2008    | Indonesia | Halliburton | Logging Tool Compensation Source |
| AM241Be           | 15                 | DSN-304       | 2/12/2008    | Indonesia | Halliburton | Well Logging                     |
| AM241Be           | 15                 | DSN-305       | 2/12/2008    | Indonesia | Halliburton | Well Logging                     |
|                   |                    |               |              |           |             |                                  |
| <b>Total 2008</b> | 176.50000040       |               |              |           |             |                                  |

| Isotopes          | Activity in Curies | Serial Number | Date Shipped | Country    | End User    | Intended Use |
|-------------------|--------------------|---------------|--------------|------------|-------------|--------------|
| AM241Be           | 8                  | 8606NK/8610NK | 10/10/2008   | Kazakhstan | Halliburton | Well Logging |
| AM241Be           | 19                 | 0310NN        | 10/10/2008   | Kazakhstan | Halliburton | Well Logging |
| AM241Be           | 8                  | 2602NN/2603NN | 11/19/2008   | Kazakhstan | Halliburton | Well Logging |
| AM241Be           | 19                 | 0816B         | 11/19/2008   | Kazakhstan | Halliburton | Well Logging |
|                   |                    |               |              |            |             |              |
| <b>Total 2008</b> | 54                 |               |              |            |             |              |

| Isotopes          | Activity in Curies | Serial Number | Date Shipped | Country | End User    | Intended Use |
|-------------------|--------------------|---------------|--------------|---------|-------------|--------------|
| Am-241            | 0.15               | 4379AR        | 6/23/2008    | Kuwait  | Halliburton | Well Logging |
| Am-241            | 0.15               | 4380AR        | 6/23/2008    | Kuwait  | Halliburton | Well Logging |
| AM241Be           | 8                  | 5907NN/5908NN | 11/21/2008   | Kuwait  | Halliburton | Well Logging |
| AM241Be           | 8                  | 8094NK/8095NK | 2/21/2008    | Kuwait  | Halliburton | Well Logging |
|                   |                    |               |              |         |             |              |
| <b>Total 2008</b> | 16.30              |               |              |         |             |              |

| Isotopes          | Activity in Curies | Serial Number | Date Shipped | Country | End User    | Intended Use |
|-------------------|--------------------|---------------|--------------|---------|-------------|--------------|
| AM241Be           | 15                 | DSN-394       | 10/9/2008    | Libya   | Halliburton | Well Logging |
|                   |                    |               |              |         |             |              |
| <b>Total 2008</b> | 15                 |               |              |         |             |              |

| Isotopes          | Activity in Curies | Serial Number | Date Shipped | Country  | End User    | Intended Use |
|-------------------|--------------------|---------------|--------------|----------|-------------|--------------|
| AM241Be           | 4                  | 1611N         | 10/12/2008   | Malaysia | Halliburton | Well Logging |
|                   |                    |               |              |          |             |              |
| <b>Total 2008</b> | 4                  |               |              |          |             |              |



| Isotopes          | Activity in Curies | Serial Number | Date Shipped | Country | End User    | Intended Use                     |
|-------------------|--------------------|---------------|--------------|---------|-------------|----------------------------------|
| Am-241            | 0.00000005         | D9-235        | 4/3/2008     | Mexico  | Halliburton | Logging Tool Compensation Source |
| AM241Be           | 8                  | 4612NN/4613NN | 7/3/2008     | Mexico  | Halliburton | Well Logging                     |
| AM241Be           | 8                  | 5883NN/5884NN | 9/10/2008    | Mexico  | Halliburton | Well Logging                     |
| AM241Be           | .049               | CAL-176       | 8/20/2008    | Mexico  | Halliburton | Logging Tool Calibration         |
| AM241Be           | 15                 | DSN-383       | 1/3/2008     | Mexico  | Halliburton | Well Logging                     |
| AM241Be           | 15                 | DSN-384       | 1/3/2008     | Mexico  | Halliburton | Well Logging                     |
| AM241Be           | 15                 | DSN-386       | 8/19/2008    | Mexico  | Halliburton | Well Logging                     |
| AM241Be           | .5                 | MM-234        | 5/8/2008     | Mexico  | Halliburton | Well Logging                     |
| Am-241            | 0.00000005         | NR-263        | 5/8/2008     | Mexico  | Halliburton | Logging Tool Compensation Source |
| AM241Be           | .125               | C-131         | 3/10/2008    | Mexico  | Halliburton | Well Logging                     |
| Am-241            | 0.00000005         | NN-240        | 3/6/2008     | Mexico  | Halliburton | Logging Tool Compensation Source |
| Am-241            | 0.00000005         | NR-263        | 3/6/2008     | Mexico  | Halliburton | Logging Tool Compensation Source |
| Am-241            | 0.00000005         | KK-987        | 3/4/2008     | Mexico  | Halliburton | Logging Tool Compensation Source |
| Am-241            | 0.00000005         | NP-546        | 3/4/2008     | Mexico  | Halliburton | Logging Tool Compensation Source |
| Am-241            | 0.00000005         | GI-984        | 1/4/2008     | Mexico  | Halliburton | Logging Tool Compensation Source |
| Am-241            | 0.00000005         | KK-741        | 1/4/2008     | Mexico  | Halliburton | Logging Tool Compensation Source |
| AM241Be           | 15                 | DSN-383       | 8/12/2008    | Mexico  | Halliburton | Well Logging                     |
|                   |                    |               |              |         |             |                                  |
| <b>Total 2008</b> | 76.62500035        |               |              |         |             |                                  |

| Isotopes          | Activity in Curies | Serial Number | Date Shipped | Country | End User    | Intended Use             |
|-------------------|--------------------|---------------|--------------|---------|-------------|--------------------------|
| AM241Be           | 0.00001            | F1-921        | 7/15/2008    | Norway  | Halliburton | Logging Tool Calibration |
| AM241Be           | 0.00001            | F1-920        | 7/15/2008    | Norway  | Halliburton | Logging Tool Calibration |
| AM241Be           | 8                  | 5871NN/5872NN | 9/22/2008    | Norway  | Halliburton | Well Logging             |
| AM241Be           | 8                  | 5869NN/5870NN | 9/22/2008    | Norway  | Halliburton | Well Logging             |
| AM241Be           | 19                 | 0106NN        | 1/8/2008     | Norway  | Halliburton | Well Logging             |
| AM241Be           | 19                 | 0131NN        | 11/18/2008   | Norway  | Halliburton | Well Logging             |
|                   |                    |               |              |         |             |                          |
| <b>Total 2008</b> | 54.00002           |               |              |         |             |                          |

| Isotopes          | Activity in Curies | Serial Number | Date Shipped | Country     | End User    | Intended Use |
|-------------------|--------------------|---------------|--------------|-------------|-------------|--------------|
| AM241Be           | 19                 | 0354NN        | 1/11/2008    | New Zealand | Halliburton | Well Logging |
| AM241Be           | 19                 | 0129NN        | 1/11/2008    | New Zealand | Halliburton | Well Logging |
|                   |                    |               |              |             |             |              |
|                   |                    |               |              |             |             |              |
| <b>Total 2008</b> | 38                 |               |              |             |             |              |

| Isotopes          | Activity in Curies | Serial Number | Date Shipped | Country          | End User    | Intended Use             |
|-------------------|--------------------|---------------|--------------|------------------|-------------|--------------------------|
| AM241Be           | 8                  | 5887NN/5888NN | 12/1/2008    | Papua New Guinea | Halliburton | Well Logging             |
| Am241Be           | .5                 | CAL-107       | 5/25/2008    | Papua New Guinea | Halliburton | Logging Tool Calibration |
| AM241Be           | 19                 | DSN-99        | 6/17/2008    | Papua New Guinea | Halliburton | Well Logging             |
|                   |                    |               |              |                  |             |                          |
| <b>Total 2008</b> | 27.5               |               |              |                  |             |                          |

| Isotopes          | Activity in Curies | Serial Number | Date Shipped | Country | End User    | Intended Use |
|-------------------|--------------------|---------------|--------------|---------|-------------|--------------|
| AM241Be           | 8                  | 8600NK/8601NK | 4/9/2008     | Russia  | Halliburton | Well Logging |
| <b>Total 2008</b> | 8                  |               |              |         |             |              |

| Isotopes          | Activity in Curies | Serial Number | Date Shipped | Country      | End User    | Intended Use                     |
|-------------------|--------------------|---------------|--------------|--------------|-------------|----------------------------------|
| Am-241            | 0.00000005         | D9-246        | 2/15/2008    | Saudi Arabia | Halliburton | Logging Tool Compensation Source |
| Am-241            | 0.00000005         | D9-240        | 3/12/2008    | Saudi Arabia | Halliburton | Logging Tool Compensation Source |
| Am-241            | 0.00000005         | D9-241        | 3/12/2008    | Saudi Arabia | Halliburton | Logging Tool Compensation Source |
| Am-241            | 0.00000005         | E7-513        | 7/18/2008    | Saudi Arabia | Halliburton | Logging Tool Compensation Source |
| AM241Be           | 0.1                | 550-1014      | 12/31/2008   | Saudi Arabia | Halliburton | Logging Tool Calibration         |
| AM241Be           | 0.1                | 550-1023      | 12/31/2008   | Saudi Arabia | Halliburton | Logging Tool Calibration         |
| AM241Be           | 8                  | 5877NN/5878NN | 10/15/2008   | Saudi Arabia | Halliburton | Well Logging                     |
| AM241Be           | 15                 | DSN-391       | 3/12/2008    | Saudi Arabia | Halliburton | Well Logging                     |
| AM241Be           | 15                 | 26248B        | 7/6/2008     | Saudi Arabia | Halliburton | Well Logging                     |
| <b>Total 2008</b> | 38.20000020        |               |              |              |             |                                  |

| Isotopes          | Activity in Curies | Serial Number | Date Shipped | Country   | End User    | Intended Use             |
|-------------------|--------------------|---------------|--------------|-----------|-------------|--------------------------|
| AM241Be           | 8                  | 5897NN/5898NN | 8/19/2008    | Singapore | Halliburton | Well Logging             |
| AM241Be           | 8                  | 5875NN/5876NN | 8/26/2008    | Singapore | Halliburton | Well Logging             |
| AM241Be           | 8                  | 5891NN/5892NN | 8/26/2008    | Singapore | Halliburton | Well Logging             |
| AM241Be           | 8                  | 5923NN/5924NN | 9/23/2008    | Singapore | Halliburton | Well Logging             |
| AM241Be           | 8                  | 5925NN/5926NN | 9/29/2008    | Singapore | Halliburton | Well Logging             |
| AM241Be           | 8                  | 1410NN/3960NK | 9/29/2008    | Singapore | Halliburton | Well Logging             |
| AM241Be           | 0.1                | AM10090       | 4/8/2008     | Singapore | Halliburton | Logging Tool Calibration |
| AM241Be           | 0.1                | AM10093       | 6/1/2008     | Singapore | Halliburton | Logging Tool Calibration |
| AM241Be           | 0.1                | AM10094       | 6/1/2008     | Singapore | Halliburton | Logging Tool Calibration |
| AM241Be           | 0.1                | AM10092       | 6/1/2008     | Singapore | Halliburton | Logging Tool Calibration |
| AM241Be           | 0.1                | AM10095       | 6/1/2008     | Singapore | Halliburton | Logging Tool Calibration |
| AM241Be           | 0.1                | AM10089       | 10/21/2008   | Singapore | Halliburton | Logging Tool Calibration |
| AM241Be           | 0.1                | AM10088       | 10/21/2008   | Singapore | Halliburton | Logging Tool Calibration |
| AM241Be           | 0.1                | AM10097       | 10/21/2008   | Singapore | Halliburton | Logging Tool Calibration |
| AM241Be           | 0.1                | AM10096       | 10/21/2008   | Singapore | Halliburton | Logging Tool Calibration |
| AM241Be           | 15                 | DSN-402       | 6/4/2008     | Singapore | Halliburton | Well Logging             |
| AM241Be           | 15                 | DSN-402       | 6/26/2008    | Singapore | Halliburton | Well Logging             |
|                   |                    |               |              |           |             |                          |
| <b>Total 2008</b> | 78.9               |               |              |           |             |                          |

| Isotopes          | Activity in Curies | Serial Number  | Date Shipped | Country  | End User    | Intended Use             |
|-------------------|--------------------|----------------|--------------|----------|-------------|--------------------------|
| AM241Be           | 4                  | 2587NN         | 12/17/2008   | Thailand | Halliburton | Well Logging             |
| AM241Be           | 4                  | 446NN          | 10/13/2008   | Thailand | Halliburton | Well Logging             |
| AM241Be           | 8                  | 8352NK-935NK-1 | 10/19/2008   | Thailand | Halliburton | Well Logging             |
| AM241Be           | .0001              | AM9787         | 3/5/2008     | Thailand | Halliburton | Well Logging             |
| AM241Be           | .0001              | AM9788         | 3/5/2008     | Thailand | Halliburton | Logging Tool Calibration |
| AM241Be           | 19                 | DSN-183        | 3/16/2008    | Thailand | Halliburton | Well Logging             |
| AM241Be           | .5                 | CAL-162        | 3/16/2008    | Thailand | Halliburton | Logging Tool Calibration |
| AM241Be           | 8                  | 0421NN/0422NN  | 1/4/2008     | Thailand | Halliburton | Logging Tool Calibration |
|                   |                    |                |              |          |             |                          |
| <b>Total 2008</b> | 43.5002            |                |              |          |             |                          |

| Isotopes          | Activity in Curies | Serial Number | Date Shipped | Country   | End User    | Intended Use                     |
|-------------------|--------------------|---------------|--------------|-----------|-------------|----------------------------------|
| Am-241            | .00000005          | NN-241        | 4/26/2008    | Venezuela | Halliburton | Logging Tool Compensation Source |
|                   |                    |               |              |           |             |                                  |
| <b>Total 2008</b> | .00000005          |               |              |           |             |                                  |

3) For americium-241, exports must not exceed 0.6 TBq (16 curies) per device or 60 TBq (1,600 curies) to any one country listed in § 110.29, and must be contained in industrial process control equipment or petroleum exploration equipment in quantities of less than 0.6 TBq (16 curies) per device and per shipment, not to exceed 60 TBq (1,600 curies) per year to any one country. Individual shipments to all countries other than those listed in §§ 110.28 and 110.29 must be less than 0.6 TBq (16 curies) per shipment, consistent with Appendix P to this part.