

# HALLIBURTON

2101 CITYWEST BLVD. BLDG 1, SUITE 200 HOUSTON, TX 77042-3021  
P.O. Box 42810 HOUSTON, TX 77242-2810

Edward T. Baker  
Deputy Director  
Office of Internal Programs  
U.S Nuclear Regulatory Commission  
Washington, D.C. 20555  
May 03, 2005

Re: Reporting Export of Americium under Title 10 Code of Federal Regulations Section 110.23(b)

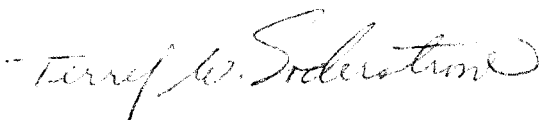
Dear Mr. Baker,

I am writing to you with regard to reporting requirements for exports of americium under Section 110.23(b) of 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 2004.

In this spreadsheet I have identified the Isotope, Quantity, Source Serial Number, the Date Shipped, Country to which the material was shipped, the End-user, the Intended use of the material, and the total amount of material in Curies exported for each of the identified years.

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

Sincerely,



Terry W. Soderstrom  
Director – International Trade Compliance  
Halliburton Energy Services, Inc.

Enc: Americium Export Spreadsheet

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Source Serial Number	Date Shipped	Location Shipped From	Date Received at Destination	Destination Country	Isotope	Activity in milliCuries
0036NN	07-Jul-04	Halliburton United States	12-Jul-04	NORWAY	Am-241Be	19000
0009NN	27-Oct-04	Halliburton United States	29-Oct-04	UNITED KINGDOM	Am-241Be	19000
0014NN	27-Oct-04	Halliburton United States	29-Oct-04	UNITED KINGDOM	Am-241Be	19000
0040NN	11-Oct-04	Halliburton United States	15-Oct-04	SINGAPORE	Am-241Be	19000
0038NN	11-Oct-04	Halliburton United States	15-Oct-04	SINGAPORE	Am-241Be	19000
0023NN	11-Oct-04	Halliburton United States	15-Oct-04	SINGAPORE	Am-241Be	19000
0102NN	18-Aug-04	Halliburton United States	20-Sep-04	AUSTRALIA	Am-241Be	19000
0128NN	18-Aug-04	Halliburton United States	20-Sep-04	AUSTRALIA	Am-241Be	19000
7327NK/7328NK-1	05-Jan-04	Halliburton United States	13-Jan-04	DUBAI	Am-241Be	8000
AM10016	01-Dec-04	Halliburton United States	22-Dec-04	BRAZIL	Am-241Be	100
0013NN	22-Jul-04	Halliburton United States	31-Jul-04	BRAZIL	Am-241Be	19000
AM10017	01-Dec-04	Halliburton United States	22-Dec-04	BRAZIL	Am-241Be	100
0339NN	22-Jul-04	Halliburton United States	31-Jul-04	BRAZIL	Am-241Be	19000
8352NK/8353NK-1	03-Sep-04	Halliburton United States	03-Sep-04	CANADA	Am-241Be	8000
AM10003	01-Nov-04	Halliburton United States	08-Nov-04	NORWAY	Am-241Be	100
AM10012	08-Sep-04	Halliburton United States	07-Sep-04	NORWAY	Am-241Be	100
AM10013	08-Sep-04	Halliburton United States	13-Sep-04	NORWAY	Am-241Be	100
AM10002	01-Nov-04	Halliburton United States	08-Nov-04	NORWAY	Am-241Be	100
0125NN	16-Jan-04	Halliburton United States	29-Jan-04	NORWAY	Am-241Be	19000
0043NN	16-Jan-04	Halliburton United States	29-Jan-04	NORWAY	Am-241Be	19000
0097NN	27-Oct-04	Halliburton United States	02-Nov-04	NORWAY	Am-241Be	19000
0105NN	27-Oct-04	Halliburton United States	02-Nov-04	NORWAY	Am-241Be	19000
0429NN/0430NN	16-Jan-04	Halliburton United States	29-Jan-04	NORWAY	Am-241Be	8000
0113NN	03-Mar-04	Halliburton United States	09-Mar-04	NORWAY	Am-241Be	19000
0347NN	07-Jul-04	Halliburton United States	12-Jul-04	NORWAY	Am-241Be	19000
0435NN/0436NN	16-Jan-04	Halliburton United States	29-Jan-04	NORWAY	Am-241Be	8000
AM9881	24-Mar-04	Halliburton United States	30-Mar-04	NORWAY	Am-241Be	100
AM9969	24-Mar-04	Halliburton United States	30-Mar-04	NORWAY	Am-241Be	100
AM9968	24-Mar-04	Halliburton United States	30-Mar-04	NORWAY	Am-241Be	100
AM9958	24-Mar-04	Halliburton United States	30-Mar-04	NORWAY	Am-241Be	100
AM9917	20-Feb-04	Halliburton United States	25-Feb-04	UNITED KINGDOM	Am-241Be	100
AM10004	21-Sep-04	Halliburton United States	24-Sep-04	UNITED KINGDOM	Am-241Be	100
AM10005	21-Sep-04	Halliburton United States	24-Sep-04	UNITED KINGDOM	Am-241Be	100
AM10010	21-Sep-04	Halliburton United States	24-Sep-04	UNITED KINGDOM	Am-241Be	100
AM9916	20-Feb-04	Halliburton United States	25-Feb-04	UNITED KINGDOM	Am-241Be	100
AM10015	16-Aug-04	Halliburton United States	18-Aug-04	UNITED KINGDOM	Am-241Be	100
AM10011	21-Sep-04	Halliburton United States	24-Sep-04	UNITED KINGDOM	Am-241Be	100
AM10014	16-Aug-04	Halliburton United States	18-Aug-04	UNITED KINGDOM	Am-241Be	100
AM9981	28-Jan-04	Halliburton United States	16-Feb-04	EQUATORIAL GUINEA	Am-241Be	100
AM9974	03-Jun-04	Halliburton United States	12-Jul-04	EQUATORIAL GUINEA	Am-241Be	100
AM9972	03-Jun-04	Halliburton United States	12-Jul-04	EQUATORIAL GUINEA	Am-241Be	100
AM9983	28-Jan-04	Halliburton United States	16-Feb-04	EQUATORIAL GUINEA	Am-241Be	100
AM9982	28-Jan-04	Halliburton United States	16-Feb-04	EQUATORIAL GUINEA	Am-241Be	100
AM9980	28-Jan-04	Halliburton United States	16-Feb-04	EQUATORIAL GUINEA	Am-241Be	100
2587NN	03-Sep-04	Halliburton United States	08-Sep-04	SINGAPORE	Am-241Be	4000
2586NN	03-Sep-04	Halliburton United States	08-Sep-04	SINGAPORE	Am-241Be	4000
AM10008	01-Nov-04	Halliburton United States	08-Nov-04	SINGAPORE	Am-241Be	100
AM10009	01-Nov-04	Halliburton United States	08-Nov-04	SINGAPORE	Am-241Be	100
AM10007	21-Sep-04	Halliburton United States	18-Oct-04	AUSTRALIA	Am-241Be	100
AM10006	21-Sep-04	Halliburton United States	18-Oct-04	AUSTRALIA	Am-241Be	100
0130NN	20-Dec-04	Halliburton United States	02-Jan-05	RUSSIA	Am-241Be	19000
2606NN/2607NN	09-Dec-04	Halliburton United States	20-Dec-04	DUBAI	Am-241Be	8000
2608NN/2609NN	09-Dec-04	Halliburton United States	20-Dec-04	DUBAI	Am-241Be	8000
0438NN/0450NN	23-Jan-04	Halliburton United States	07-Feb-04	SAUDI ARABIA	Am-241Be	8000
AM10017	24-Sep-04	Halliburton United States	27-Sep-04	BRAZIL	Am-241Be	100
0360NN	03-Mar-04	Halliburton United States	16-Mar-04	BRAZIL	Am-241Be	19000
AM10016	24-Sep-04	Halliburton United States	27-Sep-04	BRAZIL	Am-241Be	100
0343NN	31-Aug-04	Halliburton United States	16-Sep-04	BRAZIL	Am-241Be	19000
0353NN	03-Mar-04	Halliburton United States	16-Mar-04	BRAZIL	Am-241Be	19000
0350NN	01-Oct-04	Halliburton United States	01-Nov-04	BRAZIL	Am-241Be	19000
0100NN	22-Jul-04	Halliburton United States	31-Jul-04	BRAZIL	Am-241Be	19000
0338NN	31-Aug-04	Halliburton United States	16-Sep-04	BRAZIL	Am-241Be	19000
0115NN	03-May-04	Halliburton United States	10-Jun-04	BRAZIL	Am-241Be	19000
AM9971	03-May-04	Halliburton United States	28-May-04	BRAZIL	Am-241Be	100
AM9970	03-May-04	Halliburton United States	28-May-04	BRAZIL	Am-241Be	100
1393NN	11-Feb-04	Halliburton United States	18-Feb-04	NORWAY	Am-241Be	4000
8604NK/8642NK	22-Jul-04	Halliburton United States	11-Aug-04	OMAN	Am-241Be	8000
7321NK/7322NK	02-Sep-04	Halliburton United States	03-Sep-04	CANADA	Am-241Be	8000

2005 MAY 10 8:37

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Logging

Source Serial Number	Date Shipped	Location Shipped From	Location Shipped To	Date Received at Final Destination	Isotope	Activity in milliCuries
C-081	08/Sep/2004	Halliburton United States	THAILAND	15/Sep/2004	Am-241Be	125
- DSN-168	12/Oct/2004	Halliburton United States	THAILAND	17/Oct/2004	Am-241Be	18500
DSN-164	05/Oct/2004	Halliburton United States	NIGERIA - PT	05/Oct/2004	Am-241Be	19000
CAL-147	05/Oct/2004	Halliburton United States	NIGERIA - PT	05/Oct/2004	Am-241Be	500
2294CW	22/Mar/2004	Halliburton United States	VENEZUELA	01/Apr/2004	Am-241	150
2281CW	22/Mar/2004	Halliburton United States	VENEZUELA	01/Apr/2004	Am-241	150
- 1843CW	22/Mar/2004	Halliburton United States	VENEZUELA	01/Apr/2004	Am-241	150
06901B	23/Jul/2004	Halliburton United States	SOLD - CHINA	23/Jul/2004	Am-241Be	19000
0384NN	23/Jul/2004	Halliburton United States	SOLD - CHINA	23/Jul/2004	Am-241Be	19000
A9-961	24/Feb/2004	Halliburton United States	SOLD - CHINA	24/Feb/2004	Am-241	0.0000478
B4-608	23/Jul/2004	Halliburton United States	SOLD - CHINA	23/Jul/2004	Am-241	0.0000559
- B4-612	23/Jul/2004	Halliburton United States	SOLD - CHINA	23/Jul/2004	Am-241	0.0000554
B4-613	05/Apr/2004	Halliburton United States	SOLD - CHINA	05/Apr/2004	Am-241	0.0000550
CAL-100	13/Apr/2004	Halliburton United States	BRAZIL - MAC	13/May/2004	Am-241Be	500
DSN-112	13/Apr/2004	Halliburton United States	BRAZIL - MAC	13/May/2004	Am-241Be	19000
DSN-174	23/Jan/2004	Halliburton United States	SURINAME - I	27/Jan/2004	Am-241Be	18500
- CAL-50	09/Feb/2004	Halliburton United States	SURINAME - I	11/Feb/2004	Am-241Be	500
CAL-176	21/Dec/2004	Halliburton United States	ALGERIA - HA	22/Dec/2004	Am-241Be	500
CAL-198	21/Dec/2004	Halliburton United States	ALGERIA - HA	22/Dec/2004	Am-241Be	500
DSN-203	21/Dec/2004	Halliburton United States	ALGERIA - HA	22/Dec/2004	Am-241Be	19000
DSN-214	21/Dec/2004	Halliburton United States	ALGERIA - HA	22/Dec/2004	Am-241Be	18900

89

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