

Steve D.  
Janice O.

**Schlumberger**

**Raymond N. Dickes**  
Radiation Safety Officer  
Explosives Safety Officer  
Oilfield Services

May 18, 2006

Ms. Margaret M. Doane  
Deputy Director, Office of  
International Programs  
U.S. Nuclear Regulatory Commission  
Washington, D.C. 20555-0011

Re: Amended Reports on Shipments of Americium-241 Contained in Petroleum Exploration  
Equipment Covered by NRC General License for 2000 through 2004

Dear Ms. Doane,

Schlumberger Technology Corporation "Schlumberger" relies on the NRC general license provided in 10 CFR 110.23 to export petroleum exploration devices (also known as "well logging" sources) containing Americium-241.

During a routine review of our records of sealed sources used in well logging, Schlumberger discovered that some well logging sources exported to Schlumberger affiliate companies had not been included in our "Reports on Shipments of Americium-241 Contained in Petroleum Exploration Equipment Covered by NRC General License for 2000 through 2004". Attached are amended reports for these years.

Schlumberger is mindful of its responsibility to comply with NRC's rules governing the export of by-product material contained in petroleum exploration equipment. In preparing the original reports, Schlumberger used search parameters to extract the information on the export of Americium-241 sources from an electronic database and these parameters failed to identify some exports in each of these years. Schlumberger has taken steps to simplify this process to avoid future errors.

If you have any questions regarding this matter, please contact me.

Sincerely,



Raymond Dickes  
Radiation Safety Officer  
Schlumberger Technology Corporation

cc: Regional Administrator, NRC RIV

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**Exports of Americium-241 covered by General Export License (10 CFR 110.23) that  
Schlumberger Technology Corporation made during 2004**

**1. Summary of Total Activity Exported by Country**

Exported to	Total Activity for the Year (curies)	End User
Australia	74	Schlumberger Oilfield Australia Pty. Ltd.
Canada	154	Schlumberger Canada Ltd.
Equatorial Guinea	10	Schlumberger SEACO Inc.
India	153.5	Schlumberger Services Asia Ltd.
Indonesia	20	PT Schlumberger Geo-Physics Nusantara
Japan	16	Schlumberger K.K. Nagaoka Branch
Mexico	90	Schlumberger Offshore Services Mexico N.V.
Oman	10	Schlumberger Overseas S.A.
Qatar	20	Schlumberger Overseas S.A.
Saudi Arabia	10	Schlumberger Middle East S.A.
Trinidad and Tobago	7.5	Schlumberger Trinidad Inc.

**2. Listing of Individual Exports**

Asset ID	Description	Exported to	Approximate Export Date	End User and Intended Use
NSRU-U010	Well Logging Source Am241Be 370 GBq (10 Ci)	Indonesia	January 1, 2004	Schlumberger Corporate Affiliate – Well Logging for Petroleum Exploration
NSRU-U001	Well Logging Source Am241Be 370 GBq (10 Ci)	Indonesia	January 2, 2004	Schlumberger Corporate Affiliate – Well Logging for Petroleum Exploration
NSRU-U004	Well Logging Source Am241Be 370 GBq (10 Ci)	Indonesia	January 2, 2004	Schlumberger Corporate Affiliate – Well Logging for Petroleum Exploration
NSRM-A240	Well Logging Source Am241Be 370 GBq (10 Ci)	India	January 7, 2004	Schlumberger Corporate Affiliate – Well Logging for Petroleum Exploration
NSRM-A241	Well Logging Source Am241Be 370 GBq (10 Ci)	India	January 7, 2004	Schlumberger Corporate Affiliate – Well Logging for Petroleum Exploration
NSRU-N391	Well Logging Source Am241Be 370 GBq (10 Ci)	Mexico	January 21, 2004	Schlumberger Corporate Affiliate – Well Logging for Petroleum Exploration
NSRU-N404	Well Logging Source Am241Be 370 GBq (10 Ci)	Qatar	January 21, 2004	Schlumberger Corporate Affiliate – Well Logging for Petroleum Exploration
NSRF-G5083	Well Logging Source Am241Be 592 GBq (16 Ci)	Canada	January 22, 2004	Schlumberger Corporate Affiliate – Well Logging for Petroleum Exploration
NSRF-G5123	Well Logging Source Am241Be 592 GBq (16 Ci)	Canada	January 23, 2004	Schlumberger Corporate Affiliate – Well Logging for Petroleum Exploration
NSRF-G5124	Well Logging Source Am241Be 592 GBq (16 Ci)	Canada	January 23, 2004	Schlumberger Corporate Affiliate – Well Logging for Petroleum Exploration

Asset ID	Description	Exported to	Approximate Export Date	End User and Intended Use
NSRM-A202	Well Logging Source Am241Be 370 GBq (10 Ci)	Canada	February 2, 2004	Schlumberger Corporate Affiliate – Well Logging for Petroleum Exploration
NSRF-G5085	Well Logging Source Am241Be 592 GBq (16 Ci)	Canada	February 25, 2004	Schlumberger Corporate Affiliate – Well Logging for Petroleum Exploration
NSRU-U009	Well Logging Source Am241Be 370 GBq (10 Ci)	Saudi Arabia	March 1, 2004	Schlumberger Corporate Affiliate – Well Logging for Petroleum Exploration
NSRF-G5125	Well Logging Source Am241Be 592 GBq (16 Ci)	India	March 15, 2004	Schlumberger Corporate Affiliate – Well Logging for Petroleum Exploration
NSRF-G5127	Well Logging Source Am241Be 592 GBq (16 Ci)	India	March 15, 2004	Schlumberger Corporate Affiliate – Well Logging for Petroleum Exploration
NSRF-G5121	Well Logging Source Am241Be 592 GBq (16 Ci)	India	March 17, 2004	Schlumberger Corporate Affiliate – Well Logging for Petroleum Exploration
NSRF-G5122	Well Logging Source Am241Be 592 GBq (16 Ci)	India	March 17, 2004	Schlumberger Corporate Affiliate – Well Logging for Petroleum Exploration
NSRU-U007	Well Logging Source Am241Be 370 GBq (10 Ci)	Oman	March 30, 2004	Schlumberger Corporate Affiliate – Well Logging for Petroleum Exploration
NSRM-A257	Well Logging Source Am241Be 370 GBq (10 Ci)	India	May 3, 2004	Schlumberger Corporate Affiliate – Well Logging for Petroleum Exploration
NSRF-G5126	Well Logging Source Am241Be 592 GBq (16 Ci)	India	May 12, 2004	Schlumberger Corporate Affiliate – Well Logging for Petroleum Exploration
NSRF-G5119	Well Logging Source Am241Be 592 GBq (16 Ci)	India	May 26, 2004	Schlumberger Corporate Affiliate – Well Logging for Petroleum Exploration
NSRF-G5133	Well Logging Source Am241Be 592 GBq (16 Ci)	Mexico	June 18, 2004	Schlumberger Corporate Affiliate – Well Logging for Petroleum Exploration
NSRF-G5134	Well Logging Source Am241Be 592 GBq (16 Ci)	Mexico	June 18, 2004	Schlumberger Corporate Affiliate – Well Logging for Petroleum Exploration
NSRU-U006	Well Logging Source Am241Be 370 GBq (10 Ci)	Equatorial Guinea	July 30, 2004	Schlumberger Corporate Affiliate – Well Logging for Petroleum Exploration
NSRF-A2458	Well Logging Source Am241Be 592 GBq (16 Ci)	Canada	August 9, 2004	Schlumberger Corporate Affiliate – Well Logging for Petroleum Exploration
NSRF-G5093	Well Logging Source Am241Be 592 GBq (16 Ci)	Australia	August 27, 2004	Schlumberger Corporate Affiliate – Well Logging for Petroleum Exploration
NSRF-G5096	Well Logging Source Am241Be 592 GBq (16 Ci)	Australia	August 27, 2004	Schlumberger Corporate Affiliate – Well Logging for Petroleum Exploration

Asset ID	Description	Exported to	Approximate Export Date	End User and Intended Use
NSRF-G5135	Well Logging Source Am241Be 592 GBq (16 Ci)	Australia	August 27, 2004	Schlumberger Corporate Affiliate – Well Logging for Petroleum Exploration
NSRF-G5136	Well Logging Source Am241Be 592 GBq (16 Ci)	Australia	August 27, 2004	Schlumberger Corporate Affiliate – Well Logging for Petroleum Exploration
NSRT-C2C	Well Logging Source Am241Be 278 GBq (7.5 Ci)	Trinidad and Tobago	September 3, 2004	Schlumberger Corporate Affiliate – Well Logging for Petroleum Exploration
NSRF-A3138	Well Logging Source Am241Be 592 GBq (16 Ci)	Canada	September 13, 2004	Schlumberger Corporate Affiliate – Well Logging for Petroleum Exploration
NSRF-G5141	Well Logging Source Am241Be 592 GBq (16 Ci)	India	September 17, 2004	Schlumberger Corporate Affiliate – Well Logging for Petroleum Exploration
NSRM-A202	Well Logging Source Am241Be 370 GBq (10 Ci)	Australia	September 29, 2004	Schlumberger Corporate Affiliate – Well Logging for Petroleum Exploration
NSRM-A250	Well Logging Source Am241Be 370 GBq (10 Ci)	India	September 30, 2004	Schlumberger Corporate Affiliate – Well Logging for Petroleum Exploration
NSRU-U003	Well Logging Source Am241Be 370 GBq (10 Ci)	India	September 30, 2004	Schlumberger Corporate Affiliate – Well Logging for Petroleum Exploration
NSRT-C2D	Well Logging Source Am241Be 278 GBq (7.5 Ci)	India	October 1, 2004	Schlumberger Corporate Affiliate – Well Logging for Petroleum Exploration
NSRL-G4028	Well Logging Source Am241Be 592 GBq (16 Ci)	Japan	October 5, 2004	Schlumberger Corporate Affiliate – Well Logging for Petroleum Exploration
NSRF-G5111	Well Logging Source Am241Be 592 GBq (16 Ci)	Mexico	October 6, 2004	Schlumberger Corporate Affiliate – Well Logging for Petroleum Exploration
NSRF-G5112	Well Logging Source Am241Be 592 GBq (16 Ci)	Mexico	October 6, 2004	Schlumberger Corporate Affiliate – Well Logging for Petroleum Exploration
NSRF-A1639	Well Logging Source Am241Be 592 GBq (16 Ci)	Canada	October 8, 2004	Schlumberger Corporate Affiliate – Well Logging for Petroleum Exploration
NSRU-U002	Well Logging Source Am241Be 370 GBq (10 Ci)	Qatar	October 26, 2004	Schlumberger Corporate Affiliate – Well Logging for Petroleum Exploration
NSRL-G4029	Well Logging Source Am241Be 592 GBq (16 Ci)	Canada	November 22, 2004	Schlumberger Corporate Affiliate – Well Logging for Petroleum Exploration
NSRL-G4026	Well Logging Source Am241Be 592 GBq (16 Ci)	Mexico	November 30, 2004	Schlumberger Corporate Affiliate – Well Logging for Petroleum Exploration
NSRF-A1636	Well Logging Source Am241Be 592 GBq (16 Ci)	Canada	December 31, 2004	Schlumberger Corporate Affiliate – Well Logging for Petroleum Exploration

July 22, 2004

**From:** Marvin Peterson  
**To:** Dwaine Brown  
**Subject:** Exports - Americium Reporting Requirement

Dwaine Brown  
Radiation Safety Officer  
Halliburton Energy Services  
Houston, Texas 77205

Dear Mr. Brown,

On May 3, 2004, the Nuclear Regulatory Commission (NRC) sent a letter to Halliburton, attention to you, regarding the annual reporting requirement for exports of americium under Section 110.23(b) of NRC's export and import regulations in 10 CFR Part 110.

The letter noted that Halliburton had not submitted any reports on americium exports for this and previous years, and requested your response.

Before following up formally on our request, can you confirm that Halliburton received our letter and is taking appropriate action.

Regards,

Marvin Peterson  
Office of International Programs  
Nuclear Regulatory Commission  
Washington, D.C. 20555

**CC:** Cardelia Maupin; Edward Baker

**Exports of Americium-241 covered by General Export License (10 CFR 110.23) that  
Schlumberger Technology Corporation made during 2003**

**1. Summary of Total Activity Exported by Country**

Exported to	Total Activity for the Year (curies)	End User
Azerbaijan	10	Schlumberger Logelco Inc.
Brunei	10	Dowell Schlumberger (Eastern) Inc.
Canada	170	Schlumberger Canada Ltd.
China	16	Schlumberger China Offshore
India	32	Schlumberger Services Asia Ltd.
Indonesia	70	PT Schlumberger Geo-Physics Nusantara
Kazakhstan	48	Schlumberger Logelco Inc.
Nigeria	16	Schlumberger Overseas S.A. c/o Schlumberger Nigeria Ltd.
Norway	20	Schlumberger Norge A.S.
Qatar	30	Schlumberger Overseas S.A.
Russia	96	Schlumberger Logelco Inc.
Trinidad and Tobago	17.5	Schlumberger Trinidad Inc.
Turkmenistan	58	Schlumberger Overseas S.A.
United Arab Emirates	10	Anadrill International S.A. (Schlumberger Corporate Affiliate)
United Kingdom	10	Schlumberger Evaluation & Production Services (UK) Ltd.
Venezuela	10	Schlumberger Venezuela S.A.

**2. Listing of Individual Exports**

Asset ID	Description	Exported to	Approximate Export Date	End User and Intended Use
NSRU-N323	Well Logging Source Am241Be 370 GBq (10 Ci)	Venezuela	1/2/2003	Schlumberger Corporate Affiliate – Well Logging for Petroleum Exploration
NSRU-N372	Well Logging Source Am241Be 370 GBq (10 Ci)	Trinidad and Tobago	1/2/2003	Schlumberger Corporate Affiliate – Well Logging for Petroleum Exploration
NSRL-G4012	Well Logging Source Am241Be 592 GBq (16 Ci)	China	1/15/2003	Schlumberger Corporate Affiliate – Well Logging for Petroleum Exploration
NSRU-N392	Well Logging Source Am241Be 370 GBq (10 Ci)	Norway	1/15/2003	Schlumberger Corporate Affiliate – Well Logging for Petroleum Exploration
NSRF-A2149	Well Logging Source Am241Be 592 GBq (16 Ci)	Canada	1/29/2003	Schlumberger Corporate Affiliate – Well Logging for Petroleum Exploration
NSRF-A687	Well Logging Source Am241Be 592 GBq (16 Ci)	Canada	2/4/2003	Schlumberger Corporate Affiliate – Well Logging for Petroleum Exploration

Asset ID	Description	Exported to	Approximate Export Date	End User and Intended Use
NSRL-A3039	Well Logging Source Am241Be 592 GBq (16 Ci)	Canada	2/4/2003	Schlumberger Corporate Affiliate – Well Logging for Petroleum Exploration
NSRM-A233	Well Logging Source Am241Be 370 GBq (10 Ci)	United Arab Emirates	2/12/2003	Schlumberger Corporate Affiliate – Well Logging for Petroleum Exploration
NSRU-N402	Well Logging Source Am241Be 370 GBq (10 Ci)	Indonesia	2/21/2003	Schlumberger Corporate Affiliate – Well Logging for Petroleum Exploration
NSRF-A1653	Well Logging Source Am241Be 592 GBq (16 Ci)	Canada	2/24/2003	Schlumberger Corporate Affiliate – Well Logging for Petroleum Exploration
NSRU-N397	Well Logging Source Am241Be 370 GBq (10 Ci)	Indonesia	2/26/2003	Schlumberger Corporate Affiliate – Well Logging for Petroleum Exploration
NSRT-C2C	Well Logging Source Am241Be 278 GBq (7.5 Ci)	Trinidad and Tobago	3/3/2003	Schlumberger Corporate Affiliate – Well Logging for Petroleum Exploration
NSRU-N396	Well Logging Source Am241Be 370 GBq (10 Ci)	Azerbaijan	4/7/2003	Schlumberger Corporate Affiliate – Well Logging for Petroleum Exploration
NSRM-A242	Well Logging Source Am241Be 370 GBq (10 Ci)	Indonesia	4/8/2003	Schlumberger Corporate Affiliate – Well Logging for Petroleum Exploration
NSRM-A244	Well Logging Source Am241Be 370 GBq (10 Ci)	Indonesia	4/8/2003	Schlumberger Corporate Affiliate – Well Logging for Petroleum Exploration
NSRM-A245	Well Logging Source Am241Be 370 GBq (10 Ci)	Indonesia	4/8/2003	Schlumberger Corporate Affiliate – Well Logging for Petroleum Exploration
NSRF-G5102	Well Logging Source Am241Be 592 GBq (16 Ci)	Turkmenistan	4/10/2003	Schlumberger Corporate Affiliate – Well Logging for Petroleum Exploration
NSRF-G5103	Well Logging Source Am241Be 592 GBq (16 Ci)	Turkmenistan	4/10/2003	Schlumberger Corporate Affiliate – Well Logging for Petroleum Exploration
NSRF-G5104	Well Logging Source Am241Be 592 GBq (16 Ci)	Turkmenistan	4/10/2003	Schlumberger Corporate Affiliate – Well Logging for Petroleum Exploration
NSRU-N384	Well Logging Source Am241Be 370 GBq (10 Ci)	Canada	4/16/2003	Schlumberger Corporate Affiliate – Well Logging for Petroleum Exploration

Asset ID	Description	Exported to	Approximate Export Date	End User and Intended Use
NSRU-N403	Well Logging Source Am241Be 370 GBq (10 Ci)	Brunei	4/23/2003	Schlumberger Corporate Affiliate – Well Logging for Petroleum Exploration
NSRU-N403	Well Logging Source Am241Be 370 GBq (10 Ci)	Brunei	4/23/2003	Schlumberger Corporate Affiliate – Well Logging for Petroleum Exploration
NSRM-A234	Well Logging Source Am241Be 370 GBq (10 Ci)	Qatar	5/8/2003	Schlumberger Corporate Affiliate – Well Logging for Petroleum Exploration
NSRM-A243	Well Logging Source Am241Be 370 GBq (10 Ci)	Qatar	5/8/2003	Schlumberger Corporate Affiliate – Well Logging for Petroleum Exploration
NSRM-A246	Well Logging Source Am241Be 370 GBq (10 Ci)	Qatar	5/8/2003	Schlumberger Corporate Affiliate – Well Logging for Petroleum Exploration
NSRM-A238	Well Logging Source Am241Be 370 GBq (10 Ci)	Norway	5/13/2003	Schlumberger Corporate Affiliate – Well Logging for Petroleum Exploration
NSRM-A239	Well Logging Source Am241Be 370 GBq (10 Ci)	Oman	5/13/2003	Schlumberger Corporate Affiliate – Well Logging for Petroleum Exploration
NSRF-G5105	Well Logging Source Am241Be 592 GBq (16 Ci)	Russia	5/22/2003	Schlumberger Corporate Affiliate – Well Logging for Petroleum Exploration
NSRF-G5106	Well Logging Source Am241Be 592 GBq (16 Ci)	Russia	5/22/2003	Schlumberger Corporate Affiliate – Well Logging for Petroleum Exploration
NSRF-G5098	Well Logging Source Am241Be 592 GBq (16 Ci)	Kazakhstan	7/7/2003	Schlumberger Corporate Affiliate – Well Logging for Petroleum Exploration
NSRF-G5099	Well Logging Source Am241Be 592 GBq (16 Ci)	Kazakhstan	7/7/2003	Schlumberger Corporate Affiliate – Well Logging for Petroleum Exploration
NSRF-G5100	Well Logging Source Am241Be 592 GBq (16 Ci)	Kazakhstan	7/7/2003	Schlumberger Corporate Affiliate – Well Logging for Petroleum Exploration
NSRU-N405	Well Logging Source Am241Be 370 GBq (10 Ci)	Indonesia	7/7/2003	Schlumberger Corporate Affiliate – Well Logging for Petroleum Exploration
NSRF-A3138	Well Logging Source Am241Be 592 GBq (16 Ci)	Canada	7/8/2003	Schlumberger Corporate Affiliate – Well Logging for Petroleum Exploration



Asset ID	Description	Exported to	Approximate Export Date	End User and Intended Use
NSRF-G5094	Well Logging Source Am241Be 592 GBq (16 Ci)	Canada	8/19/2003	Schlumberger Corporate Affiliate – Well Logging for Petroleum Exploration
NSRF-G5097	Well Logging Source Am241Be 592 GBq (16 Ci)	Canada	8/19/2003	Schlumberger Corporate Affiliate – Well Logging for Petroleum Exploration
NSRF-G5101	Well Logging Source Am241Be 592 GBq (16 Ci)	Canada	8/19/2003	Schlumberger Corporate Affiliate – Well Logging for Petroleum Exploration
NSRL-G4024	Well Logging Source Am241Be 592 GBq (16 Ci)	Canada	8/29/2003	Schlumberger Corporate Affiliate – Well Logging for Petroleum Exploration
NSRF-G5113	Well Logging Source Am241Be 592 GBq (16 Ci)	Russia	9/19/2003	Schlumberger Corporate Affiliate – Well Logging for Petroleum Exploration
NSRF-G5114	Well Logging Source Am241Be 592 GBq (16 Ci)	Russia	9/19/2003	Schlumberger Corporate Affiliate – Well Logging for Petroleum Exploration
NSRF-G5115	Well Logging Source Am241Be 592 GBq (16 Ci)	Russia	9/19/2003	Schlumberger Corporate Affiliate – Well Logging for Petroleum Exploration
NSRF-G5116	Well Logging Source Am241Be 592 GBq (16 Ci)	Russia	9/19/2003	Schlumberger Corporate Affiliate – Well Logging for Petroleum Exploration
NSRM-A251	Well Logging Source Am241Be 370 GBq (10 Ci)	United Kingdom	10/14/2003	Schlumberger Corporate Affiliate – Well Logging for Petroleum Exploration
NSRM-A249	Well Logging Source Am241Be 370 GBq (10 Ci)	Indonesia	10/26/2003	Schlumberger Corporate Affiliate – Well Logging for Petroleum Exploration
NSRU-U005	Well Logging Source Am241Be 370 GBq (10 Ci)	Turkmenistan	12/1/2003	Schlumberger Corporate Affiliate – Well Logging for Petroleum Exploration
NSRF-G5119	Well Logging Source Am241Be 592 GBq (16 Ci)	India	12/19/2003	Schlumberger Corporate Affiliate – Well Logging for Petroleum Exploration
NSRF-G5120	Well Logging Source Am241Be 592 GBq (16 Ci)	India	12/19/2003	Schlumberger Corporate Affiliate – Well Logging for Petroleum Exploration
NSRF-G5095	Well Logging Source Am241Be 592 GBq (16 Ci)	Nigeria	12/23/2003	Schlumberger Corporate Affiliate – Well Logging for Petroleum Exploration

Asset ID	Description	Exported to	Approximate Export Date	End User and Intended Use
NSRF-G5070	Well Logging Source Am241Be 592 GBq (16 Ci)	Canada	12/29/2003	Schlumberger Corporate Affiliate – Well Logging for Petroleum Exploration

**Exports of Americium-241 covered by General Export License (10 CFR 110.23) that Schlumberger Technology Corporation made during 2002**

**1. Summary of Total Activity Exported by Country**

Exported to	Total Activity for the Year (curies)	End User
Azerbaijan	36	Schlumberger Logelco Inc.
Brazil	47.5	SLB Servicos de Petroleo Ltda. (Schlumberger Corporate Affiliate)
Canada	190	Schlumberger Canada Ltd.
China	10	Schlumberger China Offshore
Colombia	10	Schlumberger Surencos S.A.
France	32	Services Petroliers Schlumberger
Indonesia	50	PT Schlumberger Geo-Physics Nusantara
Italy	10	Schlumberger Italiana S.P.A.
Mexico	84	Schlumberger Offshore Services Mexico N.V.
Nigeria	60	Schlumberger Overseas S.A. - Schlumberger Nigeria Ltd.
Norway	36	Schlumberger Norge A.S.
Oman	26	Schlumberger Overseas S.A.
Saudi Arabia	20	Schlumberger Middle East S.A.
Thailand	48	Schlumberger Overseas S.A.
Trinidad and Tobago	10	Schlumberger Trinidad Inc.
Tunisia	10	Schlumberger Overseas S.A.
United Kingdom	10	Schlumberger Evaluation & Production Services (UK) Ltd
Vietnam	16	Schlumberger SEACO Inc.

**2. Listing of Individual Exports**

Asset ID	Description	Exported to	Approximate Export Date	End User and Intended Use
NSRM-A187	Well Logging Source Am241Be 370 GBq (10 Ci)	Canada	January 29, 2002	Schlumberger Corporate Affiliate – Well Logging for Petroleum Exploration
NSRU-N386	Well Logging Source Am241Be 370 GBq (10 Ci)	Brazil	January 29, 2002	Schlumberger Corporate Affiliate – Well Logging for Petroleum Exploration
NSRU-N316	Well Logging Source Am241Be 370 GBq (10 Ci)	Canada	February 20, 2002	Schlumberger Corporate Affiliate – Well Logging for Petroleum Exploration
NSRM-A231	Well Logging Source Am241Be 370 GBq (10 Ci)	United Kingdom	February 28, 2002	Schlumberger Corporate Affiliate – Well Logging for Petroleum Exploration
NSRM-A232	Well Logging Source Am241Be 370 GBq (10 Ci)	Nigeria	February 28, 2002	Schlumberger Corporate Affiliate – Well Logging for Petroleum Exploration
NSRU-N387	Well Logging Source Am241Be 370 GBq (10 Ci)	Brazil	February 28, 2002	Schlumberger Corporate Affiliate – Well Logging for Petroleum Exploration

Asset ID	Description	Exported to	Approximate Export Date	End User and Intended Use
NSRU-N354	Well Logging Source Am241Be 370 GBq (10 Ci)	Indonesia	March 1, 2002	Schlumberger Corporate Affiliate – Well Logging for Petroleum Exploration
NSRU-N355	Well Logging Source Am241Be 370 GBq (10 Ci)	Indonesia	March 1, 2002	Schlumberger Corporate Affiliate – Well Logging for Petroleum Exploration
NSRF-G5079	Well Logging Source Am241Be 592 GBq (16 Ci)	Vietnam	March 2, 2002	Schlumberger Corporate Affiliate – Well Logging for Petroleum Exploration
NSRM-A202	Well Logging Source Am241Be 370 GBq (10 Ci)	Trinidad and Tobago	March 19, 2002	Schlumberger Corporate Affiliate – Well Logging for Petroleum Exploration
NSRL-G4004	Well Logging Source Am241Be 592 GBq (16 Ci)	Thailand	March 21, 2002	Schlumberger Corporate Affiliate – Well Logging for Petroleum Exploration
NSRL-G4006	Well Logging Source Am241Be 592 GBq (16 Ci)	Thailand	March 21, 2002	Schlumberger Corporate Affiliate – Well Logging for Petroleum Exploration
NSRL-G4007	Well Logging Source Am241Be 592 GBq (16 Ci)	Oman	March 21, 2002	Schlumberger Corporate Affiliate – Well Logging for Petroleum Exploration
NSRL-G4009	Well Logging Source Am241Be 592 GBq (16 Ci)	Thailand	March 21, 2002	Schlumberger Corporate Affiliate – Well Logging for Petroleum Exploration
NSRU-N388	Well Logging Source Am241Be 370 GBq (10 Ci)	Italy	March 21, 2002	Schlumberger Corporate Affiliate – Well Logging for Petroleum Exploration
NSRU-N389	Well Logging Source Am241Be 370 GBq (10 Ci)	Nigeria	March 21, 2002	Schlumberger Corporate Affiliate – Well Logging for Petroleum Exploration
NSRM-A230	Well Logging Source Am241Be 370 GBq (10 Ci)	Nigeria	March 29, 2002	Schlumberger Corporate Affiliate – Well Logging for Petroleum Exploration
NSRU-N356	Well Logging Source Am241Be 370 GBq (10 Ci)	Tunisia	April 1, 2002	Schlumberger Corporate Affiliate – Well Logging for Petroleum Exploration
NSRU-N358	Well Logging Source Am241Be 370 GBq (10 Ci)	Nigeria	April 1, 2002	Schlumberger Corporate Affiliate – Well Logging for Petroleum Exploration
NSRU-N359	Well Logging Source Am241Be 370 GBq (10 Ci)	Nigeria	April 1, 2002	Schlumberger Corporate Affiliate – Well Logging for Petroleum Exploration
NSRU-N352	Well Logging Source Am241Be 370 GBq (10 Ci)	Indonesia	April 17, 2002	Schlumberger Corporate Affiliate – Well Logging for Petroleum Exploration

Asset ID	Description	Exported to	Approximate Export Date	End User and Intended Use
NSRM-A174	Well Logging Source Am241Be 370 GBq (10 Ci)	Mexico	May 15, 2002	Schlumberger Corporate Affiliate – Well Logging for Petroleum Exploration
NSRM-A235	Well Logging Source Am241Be 370 GBq (10 Ci)	Mexico	June 20, 2002	Schlumberger Corporate Affiliate – Well Logging for Petroleum Exploration
NSRM-A234	Well Logging Source Am241Be 370 GBq (10 Ci)	Brazil	June 21, 2002	Schlumberger Corporate Affiliate – Well Logging for Petroleum Exploration
NSRU-N390	Well Logging Source Am241Be 370 GBq (10 Ci)	Brazil	June 21, 2002	Schlumberger Corporate Affiliate – Well Logging for Petroleum Exploration
NSRU-N391	Well Logging Source Am241Be 370 GBq (10 Ci)	Colombia	June 21, 2002	Schlumberger Corporate Affiliate – Well Logging for Petroleum Exploration
NSRU-N395	Well Logging Source Am241Be 370 GBq (10 Ci)	Nigeria	July 18, 2002	Schlumberger Corporate Affiliate – Well Logging for Petroleum Exploration
NSRT-C1S	Well Logging Source Am241Be 278 GBq (7.5 Ci)	Brazil	August 5, 2002	Schlumberger Corporate Affiliate – Well Logging for Petroleum Exploration
NSRF-G5080	Well Logging Source Am241Be 592 GBq (16 Ci)	Mexico	August 9, 2002	Schlumberger Corporate Affiliate – Well Logging for Petroleum Exploration
NSRF-G5081	Well Logging Source Am241Be 592 GBq (16 Ci)	France	August 14, 2002	Schlumberger Corporate Affiliate – Well Logging for Petroleum Exploration
NSRF-G5082	Well Logging Source Am241Be 592 GBq (16 Ci)	France	August 14, 2002	Schlumberger Corporate Affiliate – Well Logging for Petroleum Exploration
NSRU-N393	Well Logging Source Am241Be 370 GBq (10 Ci)	Azerbaijan	August 22, 2002	Schlumberger Corporate Affiliate – Well Logging for Petroleum Exploration
NSRU-N394	Well Logging Source Am241Be 370 GBq (10 Ci)	China	September 17, 2002	Schlumberger Corporate Affiliate – Well Logging for Petroleum Exploration
NSRL-G4011	Well Logging Source Am241Be 592 GBq (16 Ci)	Azerbaijan	October 17, 2002	Schlumberger Corporate Affiliate – Well Logging for Petroleum Exploration
NSRF-A2458	Well Logging Source Am241Be 592 GBq (16 Ci)	Canada	October 19, 2002	Schlumberger Corporate Affiliate – Well Logging for Petroleum Exploration
NSRM-A236	Well Logging Source Am241Be 370 GBq (10 Ci)	Norway	October 22, 2002	Schlumberger Corporate Affiliate – Well Logging for Petroleum Exploration

Asset ID	Description	Exported to	Approximate Export Date	End User and Intended Use
NSRM-A237	Well Logging Source Am241Be 370 GBq (10 Ci)	Norway	October 22, 2002	Schlumberger Corporate Affiliate – Well Logging for Petroleum Exploration
NSRU-N396	Well Logging Source Am241Be 370 GBq (10 Ci)	Azerbaijan	October 24, 2002	Schlumberger Corporate Affiliate – Well Logging for Petroleum Exploration
NSRL-G4016	Well Logging Source Am241Be 592 GBq (16 Ci)	Norway	November 12, 2002	Schlumberger Corporate Affiliate – Well Logging for Petroleum Exploration
NSRU-N376	Well Logging Source Am241Be 370 GBq (10 Ci)	Saudi Arabia	November 20, 2002	Schlumberger Corporate Affiliate – Well Logging for Petroleum Exploration
NSRF-G5091	Well Logging Source Am241Be 592 GBq (16 Ci)	Mexico	December 11, 2002	Schlumberger Corporate Affiliate – Well Logging for Petroleum Exploration
NSRF-G5087	Well Logging Source Am241Be 592 GBq (16 Ci)	Mexico	December 12, 2002	Schlumberger Corporate Affiliate – Well Logging for Petroleum Exploration
NSRF-G5089	Well Logging Source Am241Be 592 GBq (16 Ci)	Mexico	December 12, 2002	Schlumberger Corporate Affiliate – Well Logging for Petroleum Exploration
NSRU-N399	Well Logging Source Am241Be 370 GBq (10 Ci)	Indonesia	December 18, 2002	Schlumberger Corporate Affiliate – Well Logging for Petroleum Exploration
NSRU-N400	Well Logging Source Am241Be 370 GBq (10 Ci)	Indonesia	December 18, 2002	Schlumberger Corporate Affiliate – Well Logging for Petroleum Exploration
NSRF-A2179	Well Logging Source Am241Be 592 GBq (16 Ci)	Canada	December 19, 2002	Schlumberger Corporate Affiliate – Well Logging for Petroleum Exploration
NSRU-N366	Well Logging Source Am241Be 370 GBq (10 Ci)	Canada	December 19, 2002	Schlumberger Corporate Affiliate – Well Logging for Petroleum Exploration
NSRU-N401	Well Logging Source Am241Be 370 GBq (10 Ci)	Saudi Arabia	December 19, 2002	Schlumberger Corporate Affiliate – Well Logging for Petroleum Exploration
NSRF-A1645	Well Logging Source Am241Be 592 GBq (16 Ci)	Canada	December 30, 2002	Schlumberger Corporate Affiliate – Well Logging for Petroleum Exploration
NSRF-G5083	Well Logging Source Am241Be 592 GBq (16 Ci)	Canada	December 30, 2002	Schlumberger Corporate Affiliate – Well Logging for Petroleum Exploration
NSRF-G5084	Well Logging Source Am241Be 592 GBq (16 Ci)	Canada	December 30, 2002	Schlumberger Corporate Affiliate – Well Logging for Petroleum Exploration

Asset ID	Description	Exported to	Approximate Export Date	End User and Intended Use
NSRF-G5085	Well Logging Source Am241Be 592 GBq (16 Ci)	Canada	December 30, 2002	Schlumberger Corporate Affiliate – Well Logging for Petroleum Exploration
NSRF-G5086	Well Logging Source Am241Be 592 GBq (16 Ci)	Canada	December 30, 2002	Schlumberger Corporate Affiliate – Well Logging for Petroleum Exploration
NSRF-G5088	Well Logging Source Am241Be 592 GBq (16 Ci)	Canada	December 30, 2002	Schlumberger Corporate Affiliate – Well Logging for Petroleum Exploration
NSRF-G5090	Well Logging Source Am241Be 592 GBq (16 Ci)	Canada	December 30, 2002	Schlumberger Corporate Affiliate – Well Logging for Petroleum Exploration
NSRF-G5092	Well Logging Source Am241Be 592 GBq (16 Ci)	Canada	December 30, 2002	Schlumberger Corporate Affiliate – Well Logging for Petroleum Exploration

**Exports of Americium-241 covered by General Export License (10 CFR 110.23) that Schlumberger Technology Corporation made during 2001**

**1. Summary of Total Activity Exported by Country**

Exported to	Total Activity for the Year (curies)	End User
Algeria	32	Services Petrolieres Schlumberger
Angola	20	Schlumberger Overseas S.A.
Argentina	16	Schlumberger Argentina S.A
Australia	42	Schlumberger Oilfield Australia Pty. Ltd.
Azerbaijan	20	Schlumberger Logelco Inc.
Brazil	64	SLB Servicios de Petroleo Ltda. (Schlumberger Corporate Affiliate)
Canada	16	Schlumberger Canada Ltd.
China	10	Schlumberger China Offshore
Ecuador	46	Schlumberger Surenco S.A.
Egypt	20	Schlumberger Logelco Inc.
France	16	Services Petroliers Schlumberger
Gabon	20	Schlumberger Overseas S.A.
Indonesia	30	PT Schlumberger Geo-Physics Nusantara
Kazakhstan	10	Schlumberger Logelco Inc.
Malaysia	10	Schlumberger WTA(M) Sdn Bhd
Nigeria	112	Schlumberger Overseas S.A. c/o Schlumberger Nigeria Ltd.
Norway	10	Schlumberger Norge A.S.
Oman	10	Schlumberger Overseas S.A.
Qatar	20	Schlumberger Overseas S.A
Russia	64	Schlumberger Logelco Inc.
Saudi Arabia	40	Schlumberger Middle East S.A.
United Arab Emirates	50	Anadrill International S.A. (Schlumberger Corporate Affiliate)
United Kingdom	30	Schlumberger Evaluation & Production Services (UK) Ltd.
Vietnam	16	Schlumberger SEACO Inc.
Yemen	10	Schlumberger Overseas S.A.

**2. Listing of Individual Exports**

Asset ID	Description	Exported to	Approximate Export Date	End User and Intended Use
NSRF-G5022	Well Logging Source Am241Be 592 GBq (16 Ci)	Russia	January 1, 2001	Schlumberger Corporate Affiliate – Well Logging for Petroleum Exploration
NSRM-A188	Well Logging Source Am241Be 370 GBq (10 Ci)	Nigeria	January 1, 2001	Schlumberger Corporate Affiliate – Well Logging for Petroleum Exploration
NSRM-A189	Well Logging Source Am241Be 370 GBq (10 Ci)	Saudi Arabia	January 1, 2001	Schlumberger Corporate Affiliate – Well Logging for Petroleum Exploration
NSRM-A190	Well Logging Source Am241Be 370 GBq (10 Ci)	Malaysia	January 1, 2001	Schlumberger Corporate Affiliate – Well Logging for Petroleum Exploration



Asset ID	Description	Exported to	Approximate Export Date	End User and Intended Use
NSRF-G5042	Well Logging Source Am241Be 592 GBq (16 Ci)	Canada	1/19/2001	Schlumberger Corporate Affiliate – Well Logging for Petroleum Exploration
NSRF-G5045	Well Logging Source Am241Be 592 GBq (16 Ci)	Argentina	1/19/2001	Schlumberger Corporate Affiliate – Well Logging for Petroleum Exploration
NSRF-G5046	Well Logging Source Am241Be 592 GBq (16 Ci)	Brazil	1/19/2001	Schlumberger Corporate Affiliate – Well Logging for Petroleum Exploration
NSRF-G5047	Well Logging Source Am241Be 592 GBq (16 Ci)	Brazil	1/19/2001	Schlumberger Corporate Affiliate – Well Logging for Petroleum Exploration
NSRF-G5048	Well Logging Source Am241Be 592 GBq (16 Ci)	Brazil	1/19/2001	Schlumberger Corporate Affiliate – Well Logging for Petroleum Exploration
NSRF-G5049	Well Logging Source Am241Be 592 GBq (16 Ci)	Brazil	1/19/2001	Schlumberger Corporate Affiliate – Well Logging for Petroleum Exploration
NSRF-G5079	Well Logging Source Am241Be 592 GBq (16 Ci)	Vietnam	1/24/2001	Schlumberger Corporate Affiliate – Well Logging for Petroleum Exploration
NSRM-A195	Well Logging Source Am241Be 370 GBq (10 Ci)	Nigeria	February 1, 2001	Schlumberger Corporate Affiliate – Well Logging for Petroleum Exploration
NSRM-A196	Well Logging Source Am241Be 370 GBq (10 Ci)	Angola	February 1, 2001	Schlumberger Corporate Affiliate – Well Logging for Petroleum Exploration
NSRM-A198	Well Logging Source Am241Be 370 GBq (10 Ci)	Nigeria	February 1, 2001	Schlumberger Corporate Affiliate – Well Logging for Petroleum Exploration
NSRM-A199	Well Logging Source Am241Be 370 GBq (10 Ci)	United Arab Emirates	February 1, 2001	Schlumberger Corporate Affiliate – Well Logging for Petroleum Exploration
NSRM-A201	Well Logging Source Am241Be 370 GBq (10 Ci)	Brazil	February 1, 2001	Schlumberger Corporate Affiliate – Well Logging for Petroleum Exploration
NSRF-G5054	Well Logging Source Am241Be 592 GBq (16 Ci)	Russia	2/15/2001	Schlumberger Corporate Affiliate – Well Logging for Petroleum Exploration
NSRF-G5020	Well Logging Source Am241Be 592 GBq (16 Ci)	Russia	March 1, 2001	Schlumberger Corporate Affiliate – Well Logging for Petroleum Exploration
NSRF-G5021	Well Logging Source Am241Be 592 GBq (16 Ci)	France	March 1, 2001	Schlumberger Corporate Affiliate – Well Logging for Petroleum Exploration
NSRM-A197	Well Logging Source Am241Be 370 GBq (10 Ci)	Indonesia	March 1, 2001	Schlumberger Corporate Affiliate – Well Logging for Petroleum Exploration
NSRM-A203	Well Logging Source Am241Be 370 GBq (10 Ci)	Gabon	March 1, 2001	Schlumberger Corporate Affiliate – Well Logging for Petroleum Exploration

Asset ID	Description	Exported to	Approximate Export Date	End User and Intended Use
NSRU-N361	Well Logging Source Am241Be 370 GBq (10 Ci)	Angola	March 1, 2001	Schlumberger Corporate Affiliate – Well Logging for Petroleum Exploration
NSRF-G5050	Well Logging Source Am241Be 592 GBq (16 Ci)	Australia	March 2, 2001	Schlumberger Corporate Affiliate – Well Logging for Petroleum Exploration
NSRF-G5051	Well Logging Source Am241Be 592 GBq (16 Ci)	Australia	March 2, 2001	Schlumberger Corporate Affiliate – Well Logging for Petroleum Exploration
NSRF-G5056	Well Logging Source Am241Be 592 GBq (16 Ci)	Nigeria	3/23/2001	Schlumberger Corporate Affiliate – Well Logging for Petroleum Exploration
NSRF-G5026	Well Logging Source Am241Be 592 GBq (16 Ci)	Canada	April 1, 2001	Schlumberger Corporate Affiliate – Well Logging for Petroleum Exploration
NSRM-A207	Well Logging Source Am241Be 370 GBq (10 Ci)	Nigeria	June 1, 2001	Schlumberger Corporate Affiliate – Well Logging for Petroleum Exploration
NSRM-A213	Well Logging Source Am241Be 370 GBq (10 Ci)	Azerbaijan	June 1, 2001	Schlumberger Corporate Affiliate – Well Logging for Petroleum Exploration
NSRM-A214	Well Logging Source Am241Be 370 GBq (10 Ci)	Australia	June 1, 2001	Schlumberger Corporate Affiliate – Well Logging for Petroleum Exploration
NSRM-A216	Well Logging Source Am241Be 370 GBq (10 Ci)	Yemen	June 1, 2001	Schlumberger Corporate Affiliate – Well Logging for Petroleum Exploration
NSRU-N364	Well Logging Source Am241Be 370 GBq (10 Ci)	United Arab Emirates	June 11, 2001	Schlumberger Corporate Affiliate – Well Logging for Petroleum Exploration
NSRU-N365	Well Logging Source Am241Be 370 GBq (10 Ci)	Saudi Arabia	June 11, 2001	Schlumberger Corporate Affiliate – Well Logging for Petroleum Exploration
NSRU-N369	Well Logging Source Am241Be 370 GBq (10 Ci)	United Arab Emirates	June 11, 2001	Schlumberger Corporate Affiliate – Well Logging for Petroleum Exploration
NSRF-G5060	Well Logging Source Am241Be 592 GBq (16 Ci)	Russia	6/19/2001	Schlumberger Corporate Affiliate – Well Logging for Petroleum Exploration
NSRM-A205	Well Logging Source Am241Be 370 GBq (10 Ci)	Nigeria	July 1, 2001	Schlumberger Corporate Affiliate – Well Logging for Petroleum Exploration
NSRM-A218	Well Logging Source Am241Be 370 GBq (10 Ci)	Qatar	July 1, 2001	Schlumberger Corporate Affiliate – Well Logging for Petroleum Exploration
NSRM-A208	Well Logging Source Am241Be 370 GBq (10 Ci)	Nigeria	August 1, 2001	Schlumberger Corporate Affiliate – Well Logging for Petroleum Exploration
NSRM-A212	Well Logging Source Am241Be 370 GBq (10 Ci)	Ecuador	August 1, 2001	Schlumberger Corporate Affiliate – Well Logging for Petroleum Exploration

Asset ID	Description	Exported to	Approximate Export Date	End User and Intended Use
NSRU-N353	Well Logging Source Am241Be 370 GBq (10 Ci)	Ecuador	August 1, 2001	Schlumberger Corporate Affiliate – Well Logging for Petroleum Exploration
NSRF-G5071	Well Logging Source Am241Be 592 GBq (16 Ci)	Algeria	8/17/2001	Schlumberger Corporate Affiliate – Well Logging for Petroleum Exploration
NSRF-G5072	Well Logging Source Am241Be 592 GBq (16 Ci)	Algeria	8/17/2001	Schlumberger Corporate Affiliate – Well Logging for Petroleum Exploration
NSRU-N351	Well Logging Source Am241Be 370 GBq (10 Ci)	Oman	August 19, 2001	Schlumberger Corporate Affiliate – Well Logging for Petroleum Exploration
NSRU-N373	Well Logging Source Am241Be 370 GBq (10 Ci)	Qatar	August 23, 2001	Schlumberger Corporate Affiliate – Well Logging for Petroleum Exploration
NSRU-N375	Well Logging Source Am241Be 370 GBq (10 Ci)	Indonesia	August 23, 2001	Schlumberger Corporate Affiliate – Well Logging for Petroleum Exploration
NSRM-A222	Well Logging Source Am241Be 370 GBq (10 Ci)	Brazil	August 28, 2001	Schlumberger Corporate Affiliate – Well Logging for Petroleum Exploration
NSRM-A210	Well Logging Source Am241Be 370 GBq (10 Ci)	Gabon	September 1, 2001	Schlumberger Corporate Affiliate – Well Logging for Petroleum Exploration
NSRM-A219	Well Logging Source Am241Be 370 GBq (10 Ci)	United Arab Emirates	September 1, 2001	Schlumberger Corporate Affiliate – Well Logging for Petroleum Exploration
NSRM-A220	Well Logging Source Am241Be 370 GBq (10 Ci)	Egypt	September 1, 2001	Schlumberger Corporate Affiliate – Well Logging for Petroleum Exploration
NSRU-N360	Well Logging Source Am241Be 370 GBq (10 Ci)	United Kingdom	September 1, 2001	Schlumberger Corporate Affiliate – Well Logging for Petroleum Exploration
NSRU-N381	Well Logging Source Am241Be 370 GBq (10 Ci)	Brazil	September 1, 2001	Schlumberger Corporate Affiliate – Well Logging for Petroleum Exploration
NSRM-A200	Well Logging Source Am241Be 370 GBq (10 Ci)	Norway	October 1, 2001	Schlumberger Corporate Affiliate – Well Logging for Petroleum Exploration
NSRM-A211	Well Logging Source Am241Be 370 GBq (10 Ci)	Canada	October 1, 2001	Schlumberger Corporate Affiliate – Well Logging for Petroleum Exploration
NSRM-A215	Well Logging Source Am241Be 370 GBq (10 Ci)	Ecuador	October 1, 2001	Schlumberger Corporate Affiliate – Well Logging for Petroleum Exploration
NSRM-A221	Well Logging Source Am241Be 370 GBq (10 Ci)	Brazil	October 1, 2001	Schlumberger Corporate Affiliate – Well Logging for Petroleum Exploration
NSRU-N380	Well Logging Source Am241Be 370 GBq (10 Ci)	United Kingdom	October 1, 2001	Schlumberger Corporate Affiliate – Well Logging for Petroleum Exploration

Asset ID	Description	Exported to	Approximate Export Date	End User and Intended Use
NSRM-A225	Well Logging Source Am241Be 370 GBq (10 Ci)	Kazakhstan	November 5, 2001	Schlumberger Corporate Affiliate – Well Logging for Petroleum Exploration
NSRM-A223	Well Logging Source Am241Be 370 GBq (10 Ci)	Nigeria	November 13, 2001	Schlumberger Corporate Affiliate – Well Logging for Petroleum Exploration
NSRU-N378	Well Logging Source Am241Be 370 GBq (10 Ci)	United Arab Emirates	November 19, 2001	Schlumberger Corporate Affiliate – Well Logging for Petroleum Exploration
NSRU-N382	Well Logging Source Am241Be 370 GBq (10 Ci)	Saudi Arabia	December 1, 2001	Schlumberger Corporate Affiliate – Well Logging for Petroleum Exploration
NSRU-N383	Well Logging Source Am241Be 370 GBq (10 Ci)	Egypt	December 1, 2001	Schlumberger Corporate Affiliate – Well Logging for Petroleum Exploration
NSRM-A226	Well Logging Source Am241Be 370 GBq (10 Ci)	Indonesia	December 6, 2001	Schlumberger Corporate Affiliate – Well Logging for Petroleum Exploration
NSRM-A227	Well Logging Source Am241Be 370 GBq (10 Ci)	Saudi Arabia	December 6, 2001	Schlumberger Corporate Affiliate – Well Logging for Petroleum Exploration
NSRU-N367	Well Logging Source Am241Be 370 GBq (10 Ci)	Azerbaijan	December 6, 2001	Schlumberger Corporate Affiliate – Well Logging for Petroleum Exploration
NSRM-A228	Well Logging Source Am241Be 370 GBq (10 Ci)	China	December 12, 2001	Schlumberger Corporate Affiliate – Well Logging for Petroleum Exploration
NSRM-A229	Well Logging Source Am241Be 370 GBq (10 Ci)	Nigeria	December 12, 2001	Schlumberger Corporate Affiliate – Well Logging for Petroleum Exploration
NSRU-N385	Well Logging Source Am241Be 370 GBq (10 Ci)	United Kingdom	December 12, 2001	Schlumberger Corporate Affiliate – Well Logging for Petroleum Exploration
NSRF-G5077	Well Logging Source Am241Be 592 GBq (16 Ci)	Nigeria	December 14, 2001	Schlumberger Corporate Affiliate – Well Logging for Petroleum Exploration
NSRF-G5078	Well Logging Source Am241Be 592 GBq (16 Ci)	Ecuador	December 14, 2001	Schlumberger Corporate Affiliate – Well Logging for Petroleum Exploration

**Exports of Americium-241 covered by General Export License (10 CFR 110.23) that  
Schlumberger Technology Corporation made during 2000**

**1. Summary of Total Activity Exported by Country**

Exported to	Total Activity for the Year (curies)	End User
Algeria	10	Services Petrolieres Schlumberger
Australia	50	Schlumberger Oilfield Australia Pty. Ltd.
Brazil	20	SLB Servicos de Petroleo Ltda. (Schlumberger Corporate Affiliate)
Canada	192	Schlumberger Canada Ltd.
China	10	Schlumberger China Offshore
Equatorial Guinea	10	Schlumberger Overseas S.A.
Indonesia	20	PT Schlumberger Geo-Physics Nusantara
Malaysia	10	Schlumberger WTA(M) Sdn Bhd
Nigeria	80	Schlumberger Overseas S.A. c/o Schlumberger Nigeria Ltd.
Norway	20	Schlumberger Norge A.S.
Qatar	10	Schlumberger Overseas S.A.
Saudi Arabia	20	Schlumberger Middle East S.A.
United Arab Emirates	20	Anadrill International S.A. (Schlumberger Corporate Affiliate)
Vietnam	10	Schlumberger SEACO Inc.

**2. Listing of Individual Exports**

Asset ID	Description	Exported to	Approximate Export Date	End User and Intended Use
NSRM-A153	Well Logging Source Am241Be 370 GBq (10 Ci)	Vietnam	January 1, 2000	Schlumberger Corporate Affiliate - Well Logging for Petroleum Exploration
NSRM-A154	Well Logging Source Am241Be 370 GBq (10 Ci)	Norway	January 1, 2000	Schlumberger Corporate Affiliate - Well Logging for Petroleum Exploration
NSRM-A155	Well Logging Source Am241Be 370 GBq (10 Ci)	Qatar	January 1, 2000	Schlumberger Corporate Affiliate - Well Logging for Petroleum Exploration
NSRM-A156	Well Logging Source Am241Be 370 GBq (10 Ci)	Nigeria	February 1, 2000	Schlumberger Corporate Affiliate - Well Logging for Petroleum Exploration
NSRM-A159	Well Logging Source Am241Be 370 GBq (10 Ci)	Malaysia	February 1, 2000	Schlumberger Corporate Affiliate - Well Logging for Petroleum Exploration
NSRM-A161	Well Logging Source Am241Be 370 GBq (10 Ci)	Australia	February 1, 2000	Schlumberger Corporate Affiliate - Well Logging for Petroleum Exploration
NSRU-N346	Well Logging Source Am241Be 370 GBq (10 Ci)	China	4/20/2000	Schlumberger Corporate Affiliate - Well Logging for Petroleum Exploration
NSRM-A162	Well Logging Source Am241Be 370 GBq (10 Ci)	Indonesia	May 1, 2000	Schlumberger Corporate Affiliate - Well Logging for Petroleum Exploration

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Asset ID	Description	Exported to	Approximate Export Date	End User and Intended Use
NSRM-A164	Well Logging Source Am241Be 370 GBq (10 Ci)	Nigeria	May 1, 2000	Schlumberger Corporate Affiliate – Well Logging for Petroleum Exploration
NSRM-A165	Well Logging Source Am241Be 370 GBq (10 Ci)	Saudi Arabia	May 1, 2000	Schlumberger Corporate Affiliate – Well Logging for Petroleum Exploration
NSRM-A166	Well Logging Source Am241Be 370 GBq (10 Ci)	United Arab Emirates	May 1, 2000	Schlumberger Corporate Affiliate – Well Logging for Petroleum Exploration
NSRM-A167	Well Logging Source Am241Be 370 GBq (10 Ci)	Equatorial Guinea	July 1, 2000	Schlumberger Corporate Affiliate – Well Logging for Petroleum Exploration
NSRM-A169	Well Logging Source Am241Be 370 GBq (10 Ci)	Algeria	July 1, 2000	Schlumberger Corporate Affiliate – Well Logging for Petroleum Exploration
NSRM-A171	Well Logging Source Am241Be 370 GBq (10 Ci)	Brazil	August 1, 2000	Schlumberger Corporate Affiliate – Well Logging for Petroleum Exploration
NSRM-A173	Well Logging Source Am241Be 370 GBq (10 Ci)	Nigeria	August 1, 2000	Schlumberger Corporate Affiliate – Well Logging for Petroleum Exploration
NSRM-A175	Well Logging Source Am241Be 370 GBq (10 Ci)	Indonesia	August 1, 2000	Schlumberger Corporate Affiliate – Well Logging for Petroleum Exploration
NSRM-A176	Well Logging Source Am241Be 370 GBq (10 Ci)	Nigeria	August 1, 2000	Schlumberger Corporate Affiliate – Well Logging for Petroleum Exploration
NSRU-N346	Well Logging Source Am241Be 370 GBq (10 Ci)	China	August 1, 2000	Schlumberger Corporate Affiliate – Well Logging for Petroleum Exploration
NSRU-N347	Well Logging Source Am241Be 370 GBq (10 Ci)	Saudi Arabia	August 1, 2000	Schlumberger Corporate Affiliate – Well Logging for Petroleum Exploration
NSRM-A177	Well Logging Source Am241Be 370 GBq (10 Ci)	Nigeria	September 1, 2000	Schlumberger Corporate Affiliate – Well Logging for Petroleum Exploration
NSRM-A178	Well Logging Source Am241Be 370 GBq (10 Ci)	Norway	September 1, 2000	Schlumberger Corporate Affiliate – Well Logging for Petroleum Exploration
NSRM-A180	Well Logging Source Am241Be 370 GBq (10 Ci)	Australia	September 1, 2000	Schlumberger Corporate Affiliate – Well Logging for Petroleum Exploration
NSRM-A181	Well Logging Source Am241Be 370 GBq (10 Ci)	Australia	September 1, 2000	Schlumberger Corporate Affiliate – Well Logging for Petroleum Exploration
NSRU-N348	Well Logging Source Am241Be 370 GBq (10 Ci)	Australia	October 1, 2000	Schlumberger Corporate Affiliate – Well Logging for Petroleum Exploration
NSRU-N349	Well Logging Source Am241Be 370 GBq (10 Ci)	Australia	October 1, 2000	Schlumberger Corporate Affiliate – Well Logging for Petroleum Exploration

