

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

January 15, 2008

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

Re: Report on Shipments of Americium-241 Contained in Petroleum Exploration
Equipment Covered by NRC General License for 2007

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 (Am-241). The attached report describes Schlumberger's exports of Am-241 covered by this general license in calendar year 2007.

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

All shipments eligible for
export under General License in 10 CFR 110.23
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Exports of Americium-241 covered by General Export License (10 CFR 110.23) that Schlumberger Technology Corporation made during 2007

1. Summary of Total Activity Exported by Country

Exported to	Total Activity for the Year (curies)	End User
Angola	7.5	Schlumberger Technical Services Inc.
Australia	26	Schlumberger Oilfield Australia Pty. Ltd.
Canada	190	Schlumberger Canada Ltd.
China	42.5	Schlumberger China S.A.
Egypt	26	Schlumberger Logelco Inc.
Hungary	16	Schlumberger Logelco Inc.
India	84.5	Schlumberger Services Asia Ltd.
Indonesia	25	PT. Dowell Anadrill Schlumberger
Libya	16	Schlumberger Overseas S.A.
Malaysia	7.5	Schlumberger WTA(M) Sdn Bhd
Mexico	10	Dowell Schlumberger de Mexico
Nigeria	7.5	Schlumberger Overseas S.A.
Russia	136.5	Schlumberger Logelco Inc.
Saudi Arabia	20	Schlumberger Middle East S.A.
Trinidad and Tobago	15	Schlumberger Trinidad Inc.
United Arab Emirates	40	Schlumberger Middle East S.A.
United Kingdom	49.5	Schlumberger Oilfield (UK) PLC
Vietnam	22.5	Schlumberger Seaco Inc.

2. Listing of Individual Exports

Asset ID	Description	Exported to	Approximate Export Date	End User and Intended Use
NSRF-G5168	Well Logging Source Am ²⁴¹ Be 592 GBq (16 Ci)	Canada	3-Jan-07	Schlumberger Corporate Affiliate - Well Logging for Petroleum Exploration
NSRF-G5201	Well Logging Source Am ²⁴¹ Be 592 GBq (16 Ci)	Indonesia	8-Jan-07	Schlumberger Corporate Affiliate - Well Logging for Petroleum Exploration
NSRM-Q1013	Well Logging Source Am ²⁴¹ Be 555 GBq (15 Ci)	Russia	15-Jan-07	Schlumberger Corporate Affiliate - Well Logging for Petroleum Exploration
NSRM-Q1009	Well Logging Source Am ²⁴¹ Be 555 GBq (15 Ci)	Russia	18-Jan-07	Schlumberger Corporate Affiliate - Well Logging for Petroleum Exploration
NSRM-Q1015	Well Logging Source Am ²⁴¹ Be 555 GBq (15 Ci)	Russia	18-Jan-07	Schlumberger Corporate Affiliate - Well Logging for Petroleum Exploration

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Exports of Americium-241 covered by General Export License (10 CFR 110.23) that Schlumberger Technology Corporation made during 2007

Asset ID	Description	Exported to	Approximate Export Date	End User and Intended Use
NSRL-G4049	Well Logging Source Am241Be 592 GBq (16 Ci)	Egypt	24-Jan-07	Schlumberger Corporate Affiliate – Well Logging for Petroleum Exploration
NSRT-Q1034	Well Logging Source Am241Be 278 GBq (7.5 Ci)	Nigeria	7-Feb-07	Schlumberger Corporate Affiliate – Well Logging for Petroleum Exploration
NSRU-Q1039	Well Logging Source Am241Be 370 GBq (10 Ci)	United Kingdom	8-Feb-07	Schlumberger Corporate Affiliate – Well Logging for Petroleum Exploration
NSRU-Q1030	Well Logging Source Am241Be 370 GBq (10 Ci)	Saudi Arabia	14-Feb-07	Schlumberger Corporate Affiliate – Well Logging for Petroleum Exploration
NSRU-Q1029	Well Logging Source Am241Be 370 GBq (10 Ci)	India	9-Mar-07	Schlumberger Corporate Affiliate – Well Logging for Petroleum Exploration
NSRL-G4054	Well Logging Source Am241Be 592 GBq (16 Ci)	United Kingdom	2-Apr-07	Schlumberger Corporate Affiliate – Well Logging for Petroleum Exploration
NSRL-G4058	Well Logging Source Am241Be 592 GBq (16 Ci)	United Kingdom	2-Apr-07	Schlumberger Corporate Affiliate – Well Logging for Petroleum Exploration
NSRL-G4056	Well Logging Source Am241Be 592 GBq (16 Ci)	India	26-Apr-07	Schlumberger Corporate Affiliate – Well Logging for Petroleum Exploration
NSRF-G5211	Well Logging Source Am241Be 592 GBq (16 Ci)	Russia	8-May-07	Schlumberger Corporate Affiliate – Well Logging for Petroleum Exploration
NSRL-G4057	Well Logging Source Am241Be 592 GBq (16 Ci)	Hungary	9-May-07	Schlumberger Corporate Affiliate – Well Logging for Petroleum Exploration
NSRF-G5212	Well Logging Source Am241Be 592 GBq (16 Ci)	Russia	10-May-07	Schlumberger Corporate Affiliate – Well Logging for Petroleum Exploration
NSRU-Q1020	Well Logging Source Am241Be 370 GBq (10 Ci)	Russia	13-May-07	Schlumberger Corporate Affiliate – Well Logging for Petroleum Exploration
NSRU-Q1025	Well Logging Source Am241Be 370 GBq (10 Ci)	Russia	13-May-07	Schlumberger Corporate Affiliate – Well Logging for Petroleum Exploration
NSRF-G5213	Well Logging Source Am241Be 592 GBq (16 Ci)	Russia	15-May-07	Schlumberger Corporate Affiliate – Well Logging for Petroleum Exploration
NSRF-G5214	Well Logging Source Am241Be 592 GBq (16 Ci)	Russia	15-May-07	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 2007

Asset ID	Description	Exported to	Approximate Export Date	End User and Intended Use
NSRU-Q1031	Well Logging Source Am241Be 370 GBq (10 Ci)	United Arab Emirates	17-May-07	Schlumberger Corporate Affiliate – Well Logging for Petroleum Exploration
NSRU-Q1040	Well Logging Source Am241Be 370 GBq (10 Ci)	Indonesia	25-May-07	Schlumberger Corporate Affiliate – Well Logging for Petroleum Exploration
NSRM-Q1049	Well Logging Source Am241Be 555 GBq (15 Ci)	Indonesia	12-Jun-07	Schlumberger Corporate Affiliate – Well Logging for Petroleum Exploration
NSRM-Q1018	Well Logging Source Am241Be 555 GBq (15 Ci)	Trinidad and Tobago	25-Jun-07	Schlumberger Corporate Affiliate – Well Logging for Petroleum Exploration
NSRT-H01	Well Logging Source Am241Be 278 GBq (7.5 Ci)	Russia	5-Jul-07	Schlumberger Corporate Affiliate – Well Logging for Petroleum Exploration
NSRU-Q1028	Well Logging Source Am241Be 370 GBq (10 Ci)	Saudi Arabia	1-Aug-07	Schlumberger Corporate Affiliate – Well Logging for Petroleum Exploration
NSRM-Q1016	Well Logging Source Am241Be 555 GBq (15 Ci)	United Arab Emirates	3-Aug-07	Schlumberger Corporate Affiliate – Well Logging for Petroleum Exploration
NSRU-Q1043	Well Logging Source Am241Be 370 GBq (10 Ci)	China	8-Aug-07	Schlumberger Corporate Affiliate – Well Logging for Petroleum Exploration
NSRM-Q1051	Well Logging Source Am241Be 555 GBq (15 Ci)	Vietnam	8-Aug-07	Schlumberger Corporate Affiliate – Well Logging for Petroleum Exploration
NSRU-N368	Well Logging Source Am241Be 370 GBq (10 Ci)	Mexico	9-Aug-07	Schlumberger Corporate Affiliate – Well Logging for Petroleum Exploration
NSRM-Q1017	Well Logging Source Am241Be 555 GBq (15 Ci)	United Arab Emirates	9-Aug-07	Schlumberger Corporate Affiliate – Well Logging for Petroleum Exploration
NSRT-C2M	Well Logging Source Am241Be 278 GBq (7.5 Ci)	Canada	13-Aug-07	Schlumberger Corporate Affiliate – Well Logging for Petroleum Exploration
NSRT-H06	Well Logging Source Am241Be 278 GBq (7.5 Ci)	Vietnam	14-Aug-07	Schlumberger Corporate Affiliate – Well Logging for Petroleum Exploration
NSRT-H05	Well Logging Source Am241Be 278 GBq (7.5 Ci)	Malaysia	29-Aug-07	Schlumberger Corporate Affiliate – Well Logging for Petroleum Exploration
NSRU-Q1044	Well Logging Source Am241Be 370 GBq (10 Ci)	Australia	4-Sep-07	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 2007

Asset ID	Description	Exported to	Approximate Export Date	End User and Intended Use
NSRU-Q1042	Well Logging Source Am241Be 370 GBq (10 Ci)	India	5-Sep-07	Schlumberger Corporate Affiliate – Well Logging for Petroleum Exploration
NSRM-A261	Well Logging Source Am241Be 555 GBq (15 Ci)	China	13-Sep-07	Schlumberger Corporate Affiliate – Well Logging for Petroleum Exploration
NSRU-Q1041	Well Logging Source Am241Be 370 GBq (10 Ci)	Egypt	14-Sep-07	Schlumberger Corporate Affiliate – Well Logging for Petroleum Exploration
NSRT-H07	Well Logging Source Am241Be 278 GBq (7.5 Ci)	China	17-Sep-07	Schlumberger Corporate Affiliate – Well Logging for Petroleum Exploration
NSRT-H09	Well Logging Source Am241Be 278 GBq (7.5 Ci)	United Kingdom	18-Sep-07	Schlumberger Corporate Affiliate – Well Logging for Petroleum Exploration
NSRM-Q1050	Well Logging Source Am241Be 555 GBq (15 Ci)	Canada	27-Sep-07	Schlumberger Corporate Affiliate – Well Logging for Petroleum Exploration
NSRT-H08	Well Logging Source Am241Be 278 GBq (7.5 Ci)	Angola	2-Oct-07	Schlumberger Corporate Affiliate – Well Logging for Petroleum Exploration
NSRF-G5216	Well Logging Source Am241Be 592 GBq (16 Ci)	Australia	2-Oct-07	Schlumberger Corporate Affiliate – Well Logging for Petroleum Exploration
NSRT-Q1035	Well Logging Source Am241Be 278 GBq (7.5 Ci)	Canada	5-Oct-07	Schlumberger Corporate Affiliate – Well Logging for Petroleum Exploration
NSRF-A226	Well Logging Source Am241Be 592 GBq (16 Ci)	Canada	26-Nov-07	Schlumberger Corporate Affiliate – Well Logging for Petroleum Exploration
NSRF-A3138	Well Logging Source Am241Be 592 GBq (16 Ci)	Canada	28-Nov-07	Schlumberger Corporate Affiliate – Well Logging for Petroleum Exploration
NSRU-Q1046	Well Logging Source Am241Be 370 GBq (10 Ci)	China	28-Nov-07	Schlumberger Corporate Affiliate – Well Logging for Petroleum Exploration
NSRF-G5033	Well Logging Source Am241Be 592 GBq (16 Ci)	Canada	30-Nov-07	Schlumberger Corporate Affiliate – Well Logging for Petroleum Exploration
NSRF-A687	Well Logging Source Am241Be 592 GBq (16 Ci)	Canada	4-Dec-07	Schlumberger Corporate Affiliate – Well Logging for Petroleum Exploration
NSRF-G5200	Well Logging Source Am241Be 592 GBq (16 Ci)	Canada	4-Dec-07	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
NSRF-A2247	Well Logging Source Am241Be 592 GBq (16 Ci)	Canada	5-Dec-07	Schlumberger Corporate Affiliate – Well Logging for Petroleum Exploration
NSRF-G5179	Well Logging Source Am241Be 592 GBq (16 Ci)	Canada	5-Dec-07	Schlumberger Corporate Affiliate – Well Logging for Petroleum Exploration
NSRF-G5205	Well Logging Source Am241Be 592 GBq (16 Ci)	Canada	11-Dec-07	Schlumberger Corporate Affiliate – Well Logging for Petroleum Exploration
NSRM-A263	Well Logging Source Am241Be 555 GBq (15 Ci)	India	11-Dec-07	Schlumberger Corporate Affiliate – Well Logging for Petroleum Exploration
NSRT-H10	Well Logging Source Am241Be 278 GBq (7.5 Ci)	India	11-Dec-07	Schlumberger Corporate Affiliate – Well Logging for Petroleum Exploration
NSRU-Q1045	Well Logging Source Am241Be 370 GBq (10 Ci)	India	11-Dec-07	Schlumberger Corporate Affiliate – Well Logging for Petroleum Exploration
NSRL-G4066	Well Logging Source Am241Be 592 GBq (16 Ci)	Libya	11-Dec-07	Schlumberger Corporate Affiliate – Well Logging for Petroleum Exploration
NSRF-A1260	Well Logging Source Am241Be 592 GBq (16 Ci)	Canada	19-Dec-07	Schlumberger Corporate Affiliate – Well Logging for Petroleum Exploration