


**APPLICATION FOR LICENSE TO EXPORT
NUCLEAR MATERIAL AND EQUIPMENT**

(See Instructions on Reverse)

Estimated burden per response to comply with this mandatory collection request: 2.4 hours. This submittal is reviewed to ensure that the applicable statutory, regulatory, and policy considerations are satisfied. Send comments regarding burden estimate to the Records Management Branch (T-6 E6), U.S. Nuclear Regulatory Commission, Washington, DC 20555-0001, or by internet e-mail to infocollects@nrc.gov, and to the Desk Officer, Office of Information and Regulatory Affairs, NEOB-10202, (3150-0027), Office of Management and Budget, Washington, DC 20503. If a means used to impose an information collection does not display a currently valid OMB control number, the NRC may not conduct or sponsor, and a person is not required to respond to, the information collection.

1. APPLICANT'S USE		a. DATE OF APPLICATION 12/09/2005		b. APPLICANT'S REFERENCE PL033		2. NRC USE		a. DOCKET NUMBER		b. LICENSE NUMBER CBP0015		
3. APPLICANT'S NAME AND ADDRESS						4. SUPPLIER'S NAME AND ADDRESS <i>(Complete if applicant is not supplier)</i>						
a. NAME PathFinder Energy Services, Inc.						a. NAME Not Applicable						
b. STREET ADDRESS (Facility Site) 15151 Sommermeyer Street						b. STREET ADDRESS						
c. CITY Houston			d. STATE TX		e. ZIP CODE 77041		c. CITY			e. ZIP CODE		
f. TELEPHONE NUMBER (713) 996-1299		g. FAX (713) 996-1270		h. E-MAIL see cover letter		c. CITY			d. STATE		e. ZIP CODE	
5. FIRST SHIPMENT SCHEDULED 12/29/2005		6. FINAL SHIPMENT SCHEDULED 12/31/2015		7. APPLICANT'S CONTRACTUAL DELIVERY DATE		8. PROPOSED LICENSE EXPIRATION DATE 12/31/2005		9. CONTRACT NO.				
10. ULTIMATE FOREIGN CONSIGNEE						11. ULTIMATE END USE <i>(Include plant or facility name)</i> Well Logging of various oil and gas wells worldwide See cover letter with list of countries						
a. NAME See cover letter						11a. DATE REQUIRED 01/01/2006						
b. STREET ADDRESS (Facility Site)						13. INTERMEDIATE END USE Not applicable						
c. CITY			d. COUNTRY			13a. DATE REQUIRED						
12. INTERMEDIATE FOREIGN CONSIGNEE						15. INTERMEDIATE END USE Not applicable						
a. NAME Not applicable						15a. DATE REQUIRED						
b. STREET ADDRESS (Facility Site)												
c. CITY			d. COUNTRY									
14. INTERMEDIATE FOREIGN CONSIGNEE												
a. NAME Not applicable												
b. STREET ADDRESS (Facility Site)												
c. CITY			d. COUNTRY									
16. COM CODE		17. DESCRIPTION <i>(Include chemical and physical form of nuclear material; give dollar value of nuclear equipment and components)</i>				18. MAX. ELEMENT WEIGHT		19. MAX. WT. %		20. MAX. ISOTOPE WEIGHT		21. UNIT
		Special Form, Sealed, Oil Well Logging Source (OWL) Containing: Americium-241/Beryllium Cesium-137 "See cover letter"										
22. FOREIGN OBLIGATIONS BY COUNTRY AND PERCENTAGE <i>(Use separate sheet if necessary)</i>												
23. ADDITIONAL INFORMATION ON CONSIGNEES, END USES, AND PRODUCT DESCRIPTION <i>(Use separate sheet if necessary)</i> See cover letter												
24. The applicant certifies that this application is prepared in conformity with Title 10, Code of Federal Regulations; and that all information in this application is correct to the best of his/her knowledge.												
25. AUTHORIZED OFFICIAL				a. SIGNATURE 				b. TITLE Andrew Neil - Corporate Radiation Safety Officer				

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DIP
2005 DEC 14 PM 2:37

December 9, 2005

Ms. Margaret M. Doane
Deputy Director
Office of International Programs
U.S. Nuclear Regulatory Commission
Mail Stop: 4E21
One White Flint North
11555 Rockville Pike
Rockville, Maryland 20852-2738

RE: *Combined Specific Export and Import Application for Multiple Countries
Pursuant to 10 CFR, Part 110*

Dear Ms. Doane,

PathFinder Energy Services, Inc. hereby submits this request for a multi-country specific license to export, re-export and import certain U.S. origin byproduct material pursuant to 10 C.F.R. Part 110. This request has been prepared to take into account the Nuclear Regulatory Commission (NRC) final rule "Export and Import of Radioactive Materials: Security Policies", published in the Federal Register (70 FR 37985) on July 1, 2005 that amends 10 C.F.R. Part 110 and becomes effective December 28, 2005. The requested time interval for this license is 10 years.

This license is intended to include Category 2 radioactive material listed in Appendix P to Part 110, but in particular PathFinder's Americium-241/Beryllium (Am-241/Be) and Cesium-137 (Cs-137) byproduct material ("sources"). Although no individual source owned by PathFinder meets or exceeds Category 2 limits, some combined source shipments would meet or exceed threshold limits based on the "sum of the fractions" calculation.

The following information is presented in support of the license application:

110.32 Information required in an application for a specific license

(a) Name and address of applicant

PathFinder Energy Services, Inc
15151 Sommermeyer Street
Houston, TX 77041

(b) Name and address of supplier of equipment or material

Same as applicant

(c) Country of origin of equipment or material, and any other countries that have processed the material prior to its import into the U.S.

All sources are of U.S. origin

(d) Names and addresses of all intermediate and ultimate consignees, other than intermediate consignees performing shipping services only

PathFinder Energy Services, Inc. and its foreign affiliates currently have licensed operations in the following countries and request that these locations be placed on the combined export and import license as ultimate consignees:

USA

PathFinder Energy Services, Inc.
15151 Sommermeyer Street
Houston, TX 77041-5332

United Kingdom

PathFinder Energy Services, Ltd
1 Howe Moss Drive
Kirkhill Industrial Estate
Dyce, Aberdeen
Scotland AB21 OGL

Egypt

PathFinder Energy Services, Egypt
2, Saudi Co. Buildings
Off Nozha St., Nasr City
Cairo, Egypt

United Arab Emirates

PathFinder Energy Services, BV
Oilfields Supply Center Ltd.
Building B-30
P.O. Box 1518
Dubai
United Arab Emirates

Brazil

PathFinder Energy Services
UNAP- Uniao Nacional de Perfuracao Ltda
Av. Prefeito Aristeu Ferreira da Silva, 2185
Novo Cavaleiros
Macaé, Rio de Janeiro, CEP 27930-070

PathFinder provides Oilwell logging services in a very competitive market. It is a time sensitive business, where Customers frequently require tools and sources in a very short timeframe. We kindly request that the following countries be placed on the combined export and import license in order to alleviate any delay due to the NRC amendment process that could ultimately disrupt our commercial business. Prior to shipping any sources, PathFinder would supply all advance notification and documentation requirements as specified in 10 CFR 110.50 :

Nuclear Suppliers Group

Argentina	Australia	Austria
Belarus	Belgium	Bulgaria
Canada	Cyprus	Czech Republic
Denmark	Finland	Latvia
Luxemburg	Netherlands	New Zealand
Norway	Poland	Portugal
Republic of Korea	Romania	Russia
Slovak Republic	Slovenia	France
Germany	Greece	Hungary
Ireland	Italy	Japan
South Africa	Spain	Sweden
Switzerland	Turkey	Ukraine

Americas

Mexico	Venezuela	Columbia
Trinidad	Paraguay	

Middle East

Algeria	Qatar	Yemen
Abu Dhabi	Saudi Arabia	

Asia Pacific

Thailand	Indonesia	Malaysia
Brunei	Singapore	

(e) Dates of proposed first and last shipments

First - December 29, 2005

Last - December 31, 2015

(f) Description of the equipment or material including, as appropriate, the following:

1. Maximum quantity of material in grams or kilograms (TBq for byproduct material) and its chemical and physical form.

- Special form, sealed, Oil Well Logging (OWL) sources containing Am-241/Be (max activity of [REDACTED] per source) and Cs-137 (max activity of [REDACTED] per source).

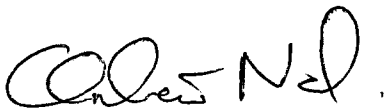
7. Description of end use by all consignees in sufficient detail to permit accurate evaluation of the justification for the proposed export or import, including the need for shipment by the dates specified:

- The sources described in this license application are used for the purposes of well logging, where "well logging" is defined in 10 CFR, Part 39 as "all operations involving the lowering and raising of measuring devices or tools which contain licensed material or are used to detect licensed material in wells for the purpose of obtaining information about the well or adjacent formations which may be used in oil, gas, mineral, groundwater, or geological exploration".
- (g) For proposed imports of material listed in Table 1 of Appendix P to this part, a copy of the applicant's authorization to receive and possess the radioactive material to be imported for each recipient.
- See attached copy of applicants NRC radioactive material license # 17-2763-01
 - See attached copy of applicants Texas DSHS radioactive material license # L05236
- (h) For proposed exports of material listed in Table 1 of Appendix P to this part, pertinent documentation that the recipient of the material has the necessary authorization under the laws and regulations of the importing country to receive and possess the material. Pertinent documentation shall consist of a copy of the recipient's authorization to receive and possess the material to be exported or a confirmation from the government of the importing country that the recipient is so authorized.
- As detailed under (d) above, and prior to shipping any sources, PathFinder will supply all advance notification and documentation requirements as specified in 10 CFR 110.50

Finally, the granting of the license requested is essential to PathFinder Energy Services, Inc. and its foreign affiliates from a commercial standpoint, and would not be inimical to the common defense and security of the United States. The sources covered in this license request are owned by PathFinder and utilized solely by trained PathFinder personnel at all times.

Enclosed with this letter is a completed NRC Form 7 and other supplementary materials, in addition to the required licensing fee of \$1600.00 (Sixteen hundred dollars). If you have any questions regarding this license request or require any additional information to perform your review, please do not hesitate to contact me at the telephone number or email address provided below.

Sincerely,

A handwritten signature in black ink, appearing to read "Andrew Neil". The signature is written in a cursive style with a large initial "A" and "N".

Andrew Neil
Corporate Radiation Safety Officer

Telephone: (713) 996-1726
Email: andrew.neil@pathfinderlwd.com

ATTACHMENTS:

- NRC Form 7
- Copy of PathFinder's NRC materials license
- Copy of PathFinder's Texas DSHS materials license
- PathFinder check for license application

File: PL033