

NRC FORM 7 (8-2010) 10 CFR 110		U.S. NUCLEAR REGULATORY COMMISSION		APPROVED BY OMB: NO. 3150-0027	EXPIRES: 08/31/2012
APPLICATION FOR NRC EXPORT OR IMPORT LICENSE, AMENDMENT, OR RENEWAL <i>(See Instructions on Pages 4 and 5)</i>				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 and FOIA/Privacy Services Branch (T-5 F53), U.S. Nuclear Regulatory Commission, Washington, DC 20555-0001, or by internet e-mail to infocollects.resource@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.	
PART A. FOR NRC USE ONLY		<input checked="" type="checkbox"/> PUBLIC OR <input type="checkbox"/> NON-PUBLIC		DATE RECEIVED DEC 27 2010	
LICENSE NUMBER PXB 145.00		DOCKET NUMBER		ADAMS ACCESSION NUMBER ML103620348	
PART B. TO BE COMPLETED FOR ALL LICENSES, AMENDMENTS, OR RENEWALS (If more space is needed to complete any of the items, use Pages 3-4 first, and then attach additional sheets, if necessary.)					
1. NAME AND ADDRESS OF APPLICANT/LICENSEE PathFinder Energy Services, LLC. 23500 Colonial Parkway Katy, Texas 77493 USA		1a. NAME OF APPLICANT'S CONTACT Andrew Neil		1b. APPLICANT'S REFERENCE NUMBER PL084	
		1c. PHONE NUMBER (281) 769-4501		1d. FAX NUMBER (281) 769-4732	
		1e. E-MAIL ADDRESS aneil@pathfinder.slb.com			
2. TYPE OF ACTION REQUESTED (Check One)					
<input checked="" type="checkbox"/> EXPORT (Parts B, C, E) <input type="checkbox"/> IMPORT (Parts B, D, E) <input type="checkbox"/> AMENDMENT/RENEWAL Existing License Number: _____					
3. CONTRACT NUMBER(S)		4. FIRST SHIPMENT DATE 01/01/2011		5. LAST SHIPMENT DATE 09/01/2012	
				6. PROPOSED EXPIRATION DATE 02/01/2013	
PART C. TO BE COMPLETED FOR EXPORT LICENSES, AMENDMENTS, OR RENEWALS (If more space is needed to complete any of the items, use Pages 3-4 first, and then attach additional sheets, if necessary.)					
7. NAME(S) / ADDRESS(ES) OF SUPPLIERS AND/OR OTHER PARTIES TO THE EXPORT PathFinder Energy Services, LLC. 23500 Colonial Parkway Katy, Texas 77493 USA		8. NAME(S) / ADDRESS(ES) OF INTERMEDIATE FOREIGN CONSIGNEE(S) Energy Logistics Erbil Office Gulan Street English Village, Villa 97 Erbil, IRAQ ----- Starlight Airline Baghdad International Airport Cargo Village, Warehouse No10 Baghdad, IRAQ		9. NAME(S) / ADDRESS(ES) OF ULTIMATE FOREIGN CONSIGNEE(S) PathFinder Smith Holdings (Nederland) B.V. Gulan Street English Village, Villa 304 Erbil Kurdistan Region IRAQ	
7a. FUNCTION(S) PERFORMED/SERVICE(S) PROVIDED		8a. INTERMEDIATE USE(S) Customs/Logistical Support		9a. ULTIMATE END USE(S) Well Logging	
10. DESCRIPTION OF RADIOACTIVE MATERIALS, SEALED SOURCES, NUCLEAR FACILITIES, EQUIPMENT, OR COMPONENTS; FOR NUCLEAR EQUIPMENT INCLUDE TOTAL DOLLAR VALUE OF EQUIPMENT FOR EXPORT See summary in Attachment 1 and attached Sealed Source and Device Registrations		10a. MAX TOTAL VOLUME / ELEMENT WGT (KG), OR TOTAL ACTIVITY (TBq) See Block 10		10b. MAX ENRICHMENT OR WGT %	
				10c. MAX ISOTOPE WGT (KG) Rec'd	
11. FOREIGN OBLIGATIONS (BY COUNTRY AND BY PERCENTAGE OF MAXIMUM TOTAL VOLUME) None					
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NRC FORM 7
(6-2010)
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U.S. NUCLEAR REGULATORY COMMISSION

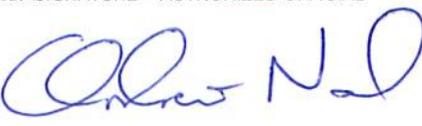
APPLICATION FOR NRC EXPORT OR IMPORT
LICENSE, AMENDMENT, OR RENEWAL (Continued)

LICENSE NUMBER PXB 145.00	DOCKET NUMBER	ADAMS ACCESSION NUMBER ML103620348	<input checked="" type="checkbox"/> PUBLIC OR <input type="checkbox"/> NON-PUBLIC
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PART D. TO BE COMPLETED FOR IMPORT LICENSES, AMENDMENTS, OR RENEWALS
(If more space is needed to complete any of the items, use Pages 3-4 first, and then attach additional sheets, if necessary.)

12. NAME(S) / ADDRESS(ES) OF FOREIGN SUPPLIERS AND/OR OTHER PARTIES TO IMPORT	13. NAME(S) / ADDRESS(ES) OF INTERMEDIATE CONSIGNEE(S)	14. NAME(S) / ADDRESS(ES) OF ULTIMATE U. S. CONSIGNEE(S)	
12a. NRC EXPORT LICENSE NUMBER(S) (if applicable)	13a. LICENSE NUMBER(S) / EXPIRATION DATE(S)	14a. LICENSE NUMBER(S) / EXPIRATION DATE(S)	
	13b. INTERMEDIATE USE(S)	14b. ULTIMATE END USE(S)	
15. DESCRIPTION OF RADIOACTIVE MATERIALS, SEALED SOURCES, NUCLEAR FACILITIES	15a. MAX TOTAL VOLUME / ELEMENT WGT (KG), OR TOTAL ACTIVITY (TBq)	15b. MAX ENRICHMENT OR WGT %	15c. MAX ISOTOPE WGT (KG)
16. FOREIGN OBLIGATIONS (BY COUNTRY AND BY PERCENTAGE OF MAXIMUM TOTAL VOLUME)			

PART E. TO BE COMPLETED FOR ALL LICENSES, AMENDMENTS, OR RENEWALS

17. ADDITIONAL INFORMATION PROVIDED ON PAGES 3, 4, AND/OR ON SEPARATE SHEETS? <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO	17a. COPIES OF RECIPIENTS' AUTHORIZATIONS PROVIDED? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	
18. CERTIFICATION: I, the applicant's authorized official, hereby certify that this application is prepared in conformity with Title 10, Code of Federal Regulations, and that all information provided is correct to the best of my knowledge.		
18a. PRINT NAME AND TITLE OF AUTHORIZED OFFICIAL Andrew Neil Corporate Radiation Safety Officer	18b. SIGNATURE -- AUTHORIZED OFFICIAL 	18c. DATE 12/22/2010

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U.S. NUCLEAR REGULATORY COMMISSION

APPLICATION FOR NRC EXPORT OR IMPORT
LICENSE, AMENDMENT, OR RENEWAL (Continued)

LICENSE NUMBER PXB145.00	DOCKET NUMBER	ADAMS ACCESSION NUMBER ML103620348	<input checked="" type="checkbox"/> PUBLIC OR <input type="checkbox"/> NON-PUBLIC
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ADDITIONAL INFORMATION (Reference applicable block numbers from page 1 and/or page 2 for each entry)

Part C, Block 10 - see

Attachment 1 - Summary of Source Models

Attachment 2 - Registration for [REDACTED]

Attachment 3 - Registration for [REDACTED]

Attachment 4 - Registration for [REDACTED]

Attachment 5 - Registration for [REDACTED]

Attachment 6 - Registration for [REDACTED]

Attachment 7 - Registration for [REDACTED]

Attachment 8 - Registration for [REDACTED]

Attachment 9 - Registration for [REDACTED]

Attachment 10 - Registration for [REDACTED]

Attachment 11 - Registration for [REDACTED]

Part E, Block 17a -:

[REDACTED]
[REDACTED]
[REDACTED]

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Attachment 1

PXB 145.00

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Attachment 1 – Summary of Source Models

Isotope	Maximum Activity	Chemical/Physical Form	Registration Number	End Use
Cf-252	Maximum Activity per source : ██████████ Total Activity: ██████████	Sealed Sources : 1. (██████████) 2. (██████████)	SSDR: Att# 1 (██████████) #2 2 (██████████) #3	Oil and Gas Well Logging.
Cs-137	Maximum Activity per source : ██████████ Total Activity: ██████████	Sealed Sources : 3. (██████████)	SSDR: Att# 3 (██████████) #4	Oil and Gas Well Logging.
Am-241Be	Maximum Activity per source : ██████████ Total Activity: ██████████	Sealed Sources : 4. (██████████) 5. (██████████)	SSDR: Att# 4 (██████████) #5 5 (██████████) #6	Oil and Gas Well Logging.
Cs-137	Maximum Activity per source : ██████████ Total Activity: ██████████	Sealed Sources : 6. (██████████) 7. (██████████)	SSDR: Att# 6 (██████████) #7 7 (██████████) #8	Detector stabilization in well logging instruments
Cs-137	Maximum Activity per source : ██████████ Total Activity: ██████████	Sealed Sources : 8. (██████████) 9. (██████████)	SSDR: Att# 8 (██████████) #9 9 (██████████) #10	Detector stabilization in well logging instruments
Th-232	Maximum Activity per source : ██████████ Total Activity: ██████████	Sealed Sources : 10. ██████████	SSDR: Att# 10 (██████████) #11	Calibration of well logging instruments

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Attachment 2

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Attachment 3

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Attachment 4

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Attachment 5

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Attachment 6

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Attachment 7

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Attachment 8

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Attachment 9

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Attachment 10

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Attachment 11

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PathFinder

23500 Colonial Parkway
Katy, Texas 77493
Tel: (281) 769-4501
Fax: (281) 769-4730

PATHFINDER
A Schlumberger Company

December 22, 2010

Mr Scott Moore
Deputy Director
Office of International Programs
U.S. Nuclear Regulatory Commission
Washington, DC 20555-0001

PXB145.00

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RE: **Specific Export License Application for Iraq Pursuant to 10 CFR, Part 110**

Dear Mr. Moore,

Enclosed please find NRC Form 7 (with attachments), which requests a specific license for PathFinder Energy Services, LLC. ("PathFinder"), to export certain byproduct material contained in sealed sources and associated equipment to an affiliated company, Smith Holdings (Nederland) B.V. ("SHN"), in Iraq, a country currently on the NRC embargoed destination list provided in 10 C.F.R. Part 110.28. SHN will use these byproduct materials in connection with oilfield service activities (e.g. well logging) it conducts in Iraq. All relevant information required by 10 C.F.R. Part 110.32 for this specific license application is included, with the exception of the Recipient Authorization called for in Part E, Block 17a; this information will be provided upon receipt. The requested time interval for this license is two (2) years.

In particular, we have identified:

- the intermediate and ultimate consignees;
- the quantities and description of the devices (set out in attached Form 7);
- the dates of the first and last shipments (as currently known);
- the desired term of the license; and,
- a description of the proposed end use of the devices.

The granting of the license requested is essential to PathFinder Energy Services, LLC. 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, of U.S. origin and utilized solely by trained PathFinder personnel at all times.

Also enclosed with this letter is a check for the required licensing fee of \$9,900.00 (Ninety nine hundred dollars). If additional fees are required, please contact me so that I can assure prompt payment.

Finally, PathFinder is providing both a redacted and unredacted version of the application, the former suitably marked and removing business confidential information from the version available to the public (10 C.F.R. Part 2.390(a)(4)). The appropriate affidavit to support this request pursuant to 10 C.F.R. Part 2.390(b) is attached.

We request that the NRC review our application as expeditiously as possible. To facilitate the NRC's prompt review, we have sent an electronic copy of the foregoing application to Mr Stephen Baker, at stephen.baker@nrc.gov on December 22, 2010.

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,



Andrew Neil
Corporate Radiation Safety Officer

Telephone: (281) 769-4501
Email: aneil@pathfinder.slb.com

ATTACHMENTS:

- NRC Form 7 and Attachments 1-11
- 10 C.F.R. Part 2.390 Affidavit of Andrew Neil
- PathFinder check for license application in the amount of \$9,900

File: PL084

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AFFIDAVIT

1. My name is Andrew Neil and I am the Corporate Radiation Safety Officer for PathFinder Energy Services, LLC. ("PES").
2. The purpose of this affidavit is to provide the information required by 10 C.F.R. § 2.390(b) to support a request that certain information contained in and supporting PES's application for a specific license to export certain byproduct material contained in sealed sources and associated equipment to an affiliated company, Smith Holdings (Nederland) B.V. ("SHN"), in Iraq, be withheld from public disclosure.
3. I have been delegated the function of reviewing the information that PES requests be withheld and am authorized to execute this Affidavit on behalf of PES.
4. I am familiar with the criteria applied by PES to determine whether certain PES information is proprietary. I am familiar with the policies established by PES to ensure the proper application of these criteria.
5. PES requests that the indicated portions of its application be withheld from public disclosure as confidential business information: the redacted sections of NRC Form 7, the redacted sections of Attachment 1, and Attachments 2 through 11, in their entirety.
6. I am familiar with the information specified in paragraph 5, which constitutes confidential commercial information that should be held in confidence by the NRC pursuant to 10 C.F.R. § 2.390(a)(4) because:
 - a. This information is and has been held in confidence by PES and SHN.
 - b. This information is of a type that is customarily held in confidence by PES and SHN, and there is a rational basis for doing so.
 - c. This information was transmitted to the NRC in confidence and was marked "Confidential." The specified information contained in PES's application for a specific license to export certain byproduct material remains Confidential.
 - d. This information is not available in public sources and could not be gathered readily from other publicly available information, as this information is considered to be "Security Sensitive Information" by the NRC and Agreement State agencies.
 - e. Public disclosure of this information would create substantial harm to the competitive position of PES and SHN because it would reveal valuable business information regarding the type and size of SHN operations in Iraq and the capacity of PES to provide radioactive materials. The public disclosure of the specified information would provide PES's competitors with free access to PES's confidential business information, and thereby would likely cause substantial financial harm to PES.

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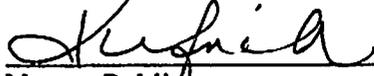
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7. Accordingly, PES requests that the redacted portions of NRC Form 7 and Attachment 1, and Attachments 2 through 11, in their entirety, be withheld from public disclosure pursuant to 10 C.F.R. § 2.390(a)(4).

8. The foregoing statements are true and correct to the best of my knowledge, information, and belief.

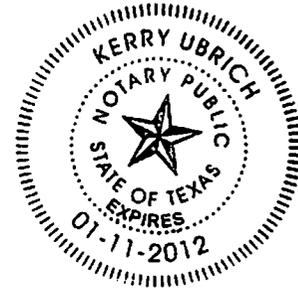

Andrew Neil

Subscribed and sworn before me, a Notary Public, in and for the State of Texas and County of Harris, this 22 day of December, 2010.


Notary Public

My Commission Expires: 1/11/2012
Date

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