	S. NUCLEAR R	EGULATO	RY COMM		APPROVED BY OM				RES: 06/3	
-2007) D CFR 110					Estimated burden per res submittal is reviewed to e					
				a	are satisfied. Send com Services Branch (T-5 F5)	ments regarding	burden estimate	o the Record	s and FOIA	/Privacy
APPLICATION FOR					or by internet e-mail to in	focollects@nrc.g	jov, and to the Des	Officer, Offic	e of Inform	ation and
LICENSE, AMENI	DMENT, C	DR REN	IEWAL	- 1	Regulatory Affairs, NEOE DC 20503. If a means us	ed to impose an	information collectio	n does not dis	play a curre	ntly valid
(See Instruct	tions on Pag	e 5)			OMB control number, th espond to, the informatio		conduct or sponso	r, and a perso	on is not re	quired to
			<u> </u>			DATE BEC	EIVED			1
PART A. FOR NRC USE O	NLY	PL	JBLIC (	OR	NON-PUBLIC	()	-7.21	R		
	1. 1	DOCKET N	UMBER		ęs <u> </u>	ADAMS AC	CESSION NUM	BER		1
2388.01				1		1				-
PART B. TO BE CO				SES AM						
(If more space is nee										· .
NAME AND ADDRESS OF APPLICA	NT/LICENSEE		1a. NAME C	OF APPLICA	NT'S CONTACT	1b. A	PPLICANT'S RE	FERENCE	NUMBER	2
PathFinder Energy Se	rvices Inc		•	And	rew Neil		F	L060		
			1c. PHONE	NUMBER	<u> </u>	1d. I	AX NUMBER			
15151 Sommermeyer S	street			.(713)	996-1726		(713)	996-12	270	
Houston, Texas 77041		ŀ	1e. E-MAIL	ADDRESS	·	L			•	
۰.		ļ								
. TYPE OF ACTION REQUESTED	) (Check One)	1			· · · · ·			•		
	ICATION OF							NDMENT/		
(Parts B, C, E) (Parts B, C, E)	RT OF ENTAL	(P	Parts B, D, I	E)	(Parts B, C, D, E)			ing Licens	e Numbe	er:
RADIO	DACTIVE	-					(	CBP88		
CONTRACT NUMBER(S)	RIAL (PART C,							D EXPIRAT		<b> </b>
				5 1 4 9 1						
			-	5. LAST	SHIPMENT DATE	6				_
	. 08	8/31/200	9		01/29/201		0	2/29/20	16	
PART C. TO BE COMPLE	08 ETED FOR B	8/31/200 EXPORT	9 ONLY C		01/29/201 BINED LICEN	SES, AM		2/29/20 S, OR RI	16 ENEW	
PART C. TO BE COMPLE (If more space is nee	08 ETED FOR E	8/31/200 EXPORT te any of the	9 ONLY C e items, us	DR COM	01/29/201 BINED LICEN 4 first, and then a	SES, AM ttach additio	ENDMENTS nal sheets, if n	2/29/20 5, OR RI ecessary.)	16 ENEW	
PART C. TO BE COMPLE	08 ETED FOR E eded to complet	8/31/200 EXPORT e any of the 8. NAME(S	9 ONLY C e items, us	DR COM e Pages 3- S(ES) OF IN	01/29/201 BINED LICEN	SES, AM ttach additio 9. NAME(S		2/29/20 6, OR RI ecessary.) 5) OF ULTIN	16 ENEW	
PART C. TO BE COMPLE (If more space is nee NAME(S) / ADDRESS(ES) OF SUPP	08 ETED FOR E eded to complet	8/31/200 EXPORT e any of the 8. NAME(S	9 ONLY C e items, us	DR COM e Pages 3- S(ES) OF IN	01/29/201 BINED LICEN 4 first, and then a	SES, AM ttach additio 9. NAME(S	ENDMENTS nal sheets, if n	2/29/20 6, OR RI ecessary.) 5) OF ULTIN	16 ENEW	
PART C. TO BE COMPLE (If more space is nee NAME(S) / ADDRESS(ES) OF SUPP	08 ETED FOR E eded to complet	8/31/200 EXPORT e any of the 8. NAME(S	9 ONLY C e items, us	DR COM e Pages 3- S(ES) OF IN	01/29/201 BINED LICEN 4 first, and then a	SES, AM ttach additio 9. NAME(S	ENDMENTS nal sheets, if n	2/29/20 6, OR RI ecessary.) 5) OF ULTIN	16 ENEW	
PART C. TO BE COMPLE (If more space is nee NAME(S) / ADDRESS(ES) OF SUPP	08 ETED FOR E eded to complet	8/31/200 EXPORT e any of the 8. NAME(S	9 ONLY C e items, us	DR COM e Pages 3- S(ES) OF IN	01/29/201 BINED LICEN 4 first, and then a	SES, AM ttach additio 9. NAME(S	ENDMENTS nal sheets, if n	2/29/20 6, OR RI ecessary.) 5) OF ULTIN	16 ENEW	
PART C. TO BE COMPLE (If more space is nee NAME(S) / ADDRESS(ES) OF SUPP	08 ETED FOR E eded to complet	8/31/200 EXPORT e any of the 8. NAME(S	9 ONLY C e items, us	DR COM e Pages 3- S(ES) OF IN	01/29/201 BINED LICEN 4 first, and then a	SES, AM ttach additio 9. NAME(S	ENDMENTS nal sheets, if n	2/29/20 6, OR RI ecessary.) 5) OF ULTIN	16 ENEW	
PART C. TO BE COMPLE (If more space is nee NAME(S) / ADDRESS(ES) OF SUPP	08 ETED FOR E eded to complet	8/31/200 EXPORT e any of the 8. NAME(S	9 ONLY C e items, us	DR COM e Pages 3- S(ES) OF IN	01/29/201 BINED LICEN 4 first, and then a	SES, AM ttach additio 9. NAME(S	ENDMENTS nal sheets, if n	2/29/20 6, OR RI ecessary.) 5) OF ULTIN	16 ENEW	
PART C. TO BE COMPLE (If more space is nee NAME(S) / ADDRESS(ES) OF SUPP	08 ETED FOR E eded to complet	8/31/200 EXPORT e any of the 8. NAME(S	9 ONLY C e items, us	DR COM e Pages 3- S(ES) OF IN	01/29/201 BINED LICEN 4 first, and then a	SES, AM ttach additio 9. NAME(S	ENDMENTS nal sheets, if n	2/29/20 6, OR RI ecessary.) 5) OF ULTIN	16 ENEW	
PART C. TO BE COMPLE (If more space is nee NAME(S) / ADDRESS(ES) OF SUPP	08 ETED FOR E eded to complet	8/31/200 EXPORT e any of the 8. NAME(S	9 ONLY C e items, us	DR COM e Pages 3- S(ES) OF IN	01/29/201 BINED LICEN 4 first, and then a	SES, AM ttach additio 9. NAME(S	ENDMENTS nal sheets, if n	2/29/20 6, OR RI ecessary.) 5) OF ULTIN	16 ENEW	
PART C. TO BE COMPLE (If more space is nee NAME(S) / ADDRESS(ES) OF SUPP	08 ETED FOR E eded to complet	8/31/200 EXPORT e any of the 8. NAME(S	9 ONLY C e items, us	DR COM e Pages 3- S(ES) OF IN	01/29/201 BINED LICEN 4 first, and then a	SES, AM ttach additio 9. NAME(S	ENDMENTS nal sheets, if n	2/29/20 6, OR RI ecessary.) 5) OF ULTIN	16 ENEW	
PART C. TO BE COMPLE (If more space is nee NAME(S) / ADDRESS(ES) OF SUPPI AND/OR OTHER PARTIES TO THE B	Of ETED FOR I eded to complet LIERS EXPORT	8/31/200 EXPORT e any of the 8. NAME(S FOREIG	9 ONLY C e items, us ) / ADDRES N CONSIGN	DR COM e Pages 3- S(ES) OF IN NEE(S)	01/29/201 BINED LICEN 4 first, and then a	SES, AM ttach additio 9. NAME(S FOREIG	O ENDMENTS nal sheets, if n ) / ADDRESS(E: N CONSIGNEE(	2/29/20 6, OR RI ecessary.) 5) OF ULTIN	16 ENEW	
PART C. TO BE COMPLE (If more space is nee NAME(S) / ADDRESS(ES) OF SUPP	Of ETED FOR I eded to complet LIERS EXPORT	8/31/200 EXPORT e any of the 8. NAME(S FOREIG	9 ONLY C e items, us	DR COM e Pages 3- S(ES) OF IN NEE(S)	01/29/201 BINED LICEN 4 first, and then a	SES, AM ttach additio 9. NAME(S FOREIG	ENDMENTS nal sheets, if n	2/29/20 6, OR RI ecessary.) 5) OF ULTIN	16 ENEW	
PART C. TO BE COMPLE (If more space is nee NAME(S) / ADDRESS(ES) OF SUPPI AND/OR OTHER PARTIES TO THE F	DROVIDED	8/31/200 EXPORT e any of the 8. NAME(S FOREIGI 8a. INTERME	9 ONLY C e items, us ) / ADDRES N CONSIGN	DR COM le Pages 3- S(ES) OF IN NEE(S)	01/29/201 BINED LICEN 4 first, and then a ITERMEDIATE	SES, AM ttach additio 9. NAME(S FOREIG 9a. ULTIMAT	ENDMENTS nal sheets, if n ) / ADDRESS(E3 N CONSIGNEE(	2/29/20 5, OR RI ecessary.) 5) OF ULTIN S)	DI6 ENEW	ALS
PART C. TO BE COMPLE (If more space is nee NAME(S) / ADDRESS(ES) OF SUPPI AND/OR OTHER PARTIES TO THE F	) PROVIDED	8/31/200 EXPORT e any of the 8. NAME(S FOREIGI 8a. INTERME	9 ONLY C e items, us ) / ADDRES N CONSIGN EDIATE USE(S	S)	01/29/201 BINED LICEN 4 first, and then a	SES, AM ttach additio 9. NAME(S FOREIG 9a. ULTIMAT	ENDMENTS nal sheets, if n ) / ADDRESS(E: N CONSIGNEE( ENDUSE(S)	2/29/20 S, OR RI ecessary.) S) OF ULTIN S) 10c. MAX	DI6 ENEW	ALS
PART C. TO BE COMPLE (If more space is nee NAME(S) / ADDRESS(ES) OF SUPP AND/OR OTHER PARTIES TO THE F AND/OR OTHER PARTIES (SUPPLIES) O. DESCRIPTION OF RADIOACTIVE F NUCLEAR FACILITIES, EQUIPMEN NUCLEAR EQUIPMENT INCLUDE	) PROVIDED	8/31/200 EXPORT e any of the 8. NAME(S FOREIG Ba. INTERME 8a. INTERME	9 ONLY C e items, us ) / ADDRES N CONSIGN EDIATE USE(S	S)	01/29/201 BINED LICEN 4 first, and then a ITERMEDIATE	SES, AM ttach additio 9. NAME(S FOREIG 9a. ULTIMAT 10b. MAX I	ENDMENTS nal sheets, if n ) / ADDRESS(E: N CONSIGNEE( ENDUSE(S)	2/29/20 S, OR RI ecessary.) S) OF ULTIN S) 10c. MAX	ISOTOPP	ALS
PART C. TO BE COMPLE (If more space is nee NAME(S) / ADDRESS(ES) OF SUPPI AND/OR OTHER PARTIES TO THE F AND/OR OTHER PARTIES TO THE F NUCLEAR FACILITIES, EQUIPMENT NUCLEAR EQUIPMENT INCLUDE EQUIPMENT FOR EXPORT	) PROVIDED	8/31/200 EXPORT e any of the 8. NAME(S FOREIGI 8a. INTERME 8a. INTERME ALED SOUR ENTS; FOR VALUE OF	9 ONLY C e items, us ) / ADDRES N CONSIGN EDIATE USE(S CES,	S)	01/29/201 BINED LICEN 4 first, and then a ITERMEDIATE	SES, AM ttach additio 9. NAME(S FOREIG 9a. ULTIMAT 10b. MAX I	ENDMENTS nal sheets, if n ) / ADDRESS(E: N CONSIGNEE( ENDUSE(S)	2/29/20 S, OR RI ecessary.) S) OF ULTIN S) 10c. MAX	ISOTOPP	ALS
PART C. TO BE COMPLE (If more space is nee NAME(S) / ADDRESS(ES) OF SUPPI AND/OR OTHER PARTIES TO THE F a. FUNCTION(S) PERFORMED/SERVICE(S) 0. DESCRIPTION OF RADIOACTIVE I NUCLEAR FACILITIES, EQUIPMENT NUCLEAR FACILITIES, EQUIPMENT NUCLEAR EQUIPMENT INCLUDE EQUIPMENT FOR EXPORT Special Form, Sealed,	) PROVIDED MATERIALS, SE/ UT, OR COMPON TOTAL DOLLAR	8/31/200 EXPORT e any of the 8. NAME(S FOREIGI 8a. INTERME 8a. INTERME ALED SOUR ENTS; FOR VALUE OF	9 ONLY C e items, us )/ ADDRES N CONSIGN EDIATE USE(S CES,	S) DR COM Re Pages 3- S(ES) OF IN VEE(S) S) 10a. MAX TI ELEME TOTAL Increas	01/29/201 BINED LICEN 4 first, and then a ITERMEDIATE ITERMEDIATE	SES, AM ttach additio 9. NAME(S FOREIG 9a. ULTIMAT 10b. MAX I	ENDMENTS nal sheets, if n ) / ADDRESS(E: N CONSIGNEE( ENDUSE(S)	2/29/20 S, OR RI ecessary.) S) OF ULTIN S) 10c. MAX	ISOTOPP	ALS
PART C. TO BE COMPLE (If more space is nee NAME(S) / ADDRESS(ES) OF SUPPI AND/OR OTHER PARTIES TO THE F a. FUNCTION(S) PERFORMED/SERVICE(S) 0. DESCRIPTION OF RADIOACTIVE I NUCLEAR FACILITIES, EQUIPMENT NUCLEAR EQUIPMENT INCLUDE EQUIPMENT FOR EXPORT	) PROVIDED MATERIALS, SE/ UT, OR COMPON TOTAL DOLLAR	8/31/200 EXPORT e any of the 8. NAME(S FOREIGI 8a. INTERME 8a. INTERME ALED SOUR ENTS; FOR VALUE OF	9 ONLY C e items, us )/ ADDRES N CONSIGN EDIATE USE(S CES,	S) DR COM Re Pages 3- S(ES) OF IN VEE(S) S) 10a. MAX TI ELEME TOTAL Increas	01/29/201 BINED LICEN 4 first, and then a ITERMEDIATE	SES, AM ttach additio 9. NAME(S FOREIG 9a. ULTIMAT	ENDMENTS nal sheets, if n ) / ADDRESS(E: N CONSIGNEE( ENDUSE(S)	2/29/20 S, OR RI ecessary.) S) OF ULTIN S) 10c. MAX	ISOTOPP	ALS
PART C. TO BE COMPLE (If more space is nee NAME(S) / ADDRESS(ES) OF SUPPI AND/OR OTHER PARTIES TO THE F a. FUNCTION(S) PERFORMED/SERVICE(S) 0. DESCRIPTION OF RADIOACTIVE I NUCLEAR FACILITIES, EQUIPMENT NUCLEAR FACILITIES, EQUIPMENT NUCLEAR EQUIPMENT INCLUDE EQUIPMENT FOR EXPORT Special Form, Sealed,	) PROVIDED MATERIALS, SE/ UT, OR COMPON TOTAL DOLLAR	8/31/200 EXPORT e any of the 8. NAME(S FOREIGI 8a. INTERME 8a. INTERME ALED SOUR ENTS; FOR VALUE OF	9 ONLY C e items, us ) / ADDRES N CONSIGN EDIATE USE(S CES,	S) DR COM Re Pages 3- S(ES) OF IN VEE(S) S) 10a. MAX TI ELEME TOTAL Increas	01/29/201 BINED LICEN 4 first, and then a ITERMEDIATE OTAL VOLUME / NT WGT (KG), OR ACTIVITY (TBq) e Cf-252 per source	SES, AM ttach additio 9. NAME(S FOREIG 9a. ULTIMAT	ENDMENTS nal sheets, if n ) / ADDRESS(E: N CONSIGNEE( ENDUSE(S)	2/29/20 S, OR RI ecessary.) S) OF ULTIN S) 10c. MAX	ISOTOPP	ALS
PART C. TO BE COMPLE (If more space is nee NAME(S) / ADDRESS(ES) OF SUPPI AND/OR OTHER PARTIES TO THE F a. FUNCTION(S) PERFORMED/SERVICE(S) 0. DESCRIPTION OF RADIOACTIVE I NUCLEAR FACILITIES, EQUIPMENT NUCLEAR FACILITIES, EQUIPMENT NUCLEAR EQUIPMENT INCLUDE EQUIPMENT FOR EXPORT Special Form, Sealed,	) PROVIDED MATERIALS, SE/ UT, OR COMPON TOTAL DOLLAR Oil Well I ning:	8/31/200 EXPORT e any of the 8. NAME(S FOREIG 8a. INTERME 8a. INTE	9 ONLY C e items, us ) / ADDRES N CONSIGN EDIATE USE(S CES,	S) DR COMI Pages 3- S(ES) OF IN VEE(S) S) 10a. MAX THE ELEME TOTAL Increas activity	01/29/201 BINED LICEN 4 first, and then a ITERMEDIATE OTAL VOLUME / INT WGT (KG), OR ACTIVITY (TBq) e Cf-252 per source 02 TBq	SES, AM ttach additio 9. NAME(S FOREIG 9a. ULTIMAT	ENDMENTS nal sheets, if n ) / ADDRESS(E: N CONSIGNEE( ENDUSE(S)	2/29/20 S, OR RI ecessary.) S) OF ULTIN S) 10c. MAX	ISOTOPP	ALS
PART C. TO BE COMPLE (If more space is nee NAME(S) / ADDRESS(ES) OF SUPPI AND/OR OTHER PARTIES TO THE F a. FUNCTION(S) PERFORMED/SERVICE(S) 0. DESCRIPTION OF RADIOACTIVE I NUCLEAR FACILITIES, EQUIPMEN NUCLEAR FACILITIES, EQUIPMENT NUCLEAR EQUIPMENT INCLUDE EQUIPMENT FOR EXPORT Special Form, Sealed, Source (OWL) contait	) PROVIDED MATERIALS, SE/ UT, OR COMPON TOTAL DOLLAR Oil Well I ning:	8/31/200 EXPORT e any of the 8. NAME(S FOREIG 8a. INTERME 8a. INTE	9 ONLY C e items, us ) / ADDRES N CONSIGN EDIATE USE(S CES,	S) DR COM Re Pages 3- S(ES) OF IN VEE(S) S) 10a. MAX TI ELEME TOTAL Increas activity by 0.00	01/29/201 BINED LICEN 4 first, and then a ITERMEDIATE OTAL VOLUME / INT WGT (KG), OR ACTIVITY (TBq) e Cf-252 per source 02 TBq	SES, AM ttach additio 9. NAME(S FOREIG 9a. ULTIMAT	ENDMENTS nal sheets, if n ) / ADDRESS(E: N CONSIGNEE( ENDUSE(S)	2/29/20 S, OR RI ecessary.) S) OF ULTIN S) 10c. MAX	ISOTOPP	ALS

NRC FORM 7 (8-2007) 10 CFR 110	· · · · · ·	······································	U.S. NUCLEAR REGI	JLATORY COMMISSION	
		OR NRC EXPORT/IN NT, OR RENEWAL(			
LICENSE NUMBER DOCKET NU DOCKET NU	MBER	ADAMS ACCESSION NUMBER		NON-PUBLIC	
PART D. TO BE COMPLETED FOI (If more space is needed to com					
12. NAME(S) / ADDRESS(ES) OF FOREIGN SUPPLIERS AND/OR OTHER PARTIES TO IMPORT	13. NAME(S) / ADDI CONSIGNEE(S)	RESS(ES) OF INTERMEDIATE	14. NAME(S) / ADDRESS(ES) OF ULTIMATE CONSIGNEE(S)		
			14a. LICENSE NUMBER(S) / EXPIRATION DATE(S)		
12a. NRC EXPORT LICENSE NUMBER(S)	13a LICENSE NUM	BER(S) / EXPIRATION DATE(S)			
(if applicable)		13b. INTERMEDIATE USE(S)		# L05236	
	13b. INTERMEDIAT			Expires 02/29/2016	
15. DESCRIPTION OF RADIOACTIVE MATERIALS, NUCLEAR FACILITIES	SEALED SOURCES,	15a. MAX TOTAL VOLUME / ELEMENT WGT (KG), OR	15b. MAX ENRICHMENT OR WGT %	15c. MAX ISOTOPE WGT (KG)	
Special Form, Sealed, Oil Wel	Logging	TOTAL ACTIVITY (TBq)			
Source (OWL) containing:		activity per source by 0.0002 TBq			
Cf-252 - (max activity of 0.000 source)	6 I Bq per	(see block 15)	· · · · · ·		
16. FOREIGN OBLIGATIONS (BY COUNTRY AND B	Y PERCENTAGE OF M	AXIMUM TOTAL VOLUME)	<u>I</u>	J	
PART E. TO BE CO		ALL LICENSES, AMEND	MENTS, OR RENEW	ALS	
17. ADDITIONAL INFORMATION PROVIDED ON PAGES 3, 4, AND/OR ON SEPARATE SHEETS?	YES NO	17a. COPIES OF RECI AUTHORIZATION		YES NO	
		, hereby certify that this app that all information provided			
18a. PRINT NAME AND TITLE OF AUTHORIZED OF	FICIAL	18b. SIGNATURE – AUTHORIZ	ED OFFICIAL	18c. DATE	



15151 Sommermeyer • Houston, TX 77041 • Phone: 713-996-1299 • Fax: 713-996-1270

January 16, 2009

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

## RE: <u>Renewal Application for NRC combined Specific Export / Import License #</u> <u>CBP88</u>

Dear Mr Scott,

PathFinder Energy Services, Inc. hereby submits this renewal application for its multicountry specific Export / Import license # CBP88.

Enclosed with this letter is a completed NRC Form 7 and other supplementary materials, in addition to the required renewal application fee of \$720.00 (Seven hundred and twenty dollars). If you have any questions regarding this 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.

10200000000

Sincerely,

Andrew Neil Corporate Radiation Safety Officer

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

## ATTACHMENTS:

- NRC Form7
- Copy of PathFinder's Texas DSHS materials license # L05236
- PathFinder check for license renewal application in the amount of \$720