

Hillary M. Dean Strawser Safety Manager

HStrawser@archcoal.com

February 17, 2015

Director, Office of Nuclear Material Safety and Safeguards Attn: GTLS U.S. Nuclear Regulatory Commission Washington DC 20555-0001

Dear Sir,

Enclosed please find the annual registration form for Vindex Energy's General License. As an over site the annual permit fee was paid but the general license was not returned to your agency. No changes are necessary to the registration packet.

Please review the enclosed packet and contact me with any questions.

Sincerely,

lyl. Dem Thank

Hillary M. Dean Strawser, GSP Safety Manager

Vindex Energy Corporation An Arch Coal Company 265A Glass Drive Mt. Lake Park, MD 21550

office: 301.334.6497 cell: 304.207.4601



U.S. NUCLEAR REGULATORY COMMISSION

GL-725715-19 11/04/2014

NRC FORM 664

02 - 2004

10 CFR 31.5

GENERAL LICENSEE REGISTRATION

APPROVED BY OMB: NO. 3150-0198

EXPIRES: 03/31/2010

SECTION 1

PAGE 1 of 2

Estimated burden per response to comply with this mandatory collection request: 20 minutes. NRC will use this information to track general licensees and their devices to ensure a higher level of device accountability. Send comments regarding burden estimate to the Records and FOIA/Privacy Services Branch (T-5 F52), U. S. Nuclear Regulatory Commission, Washington, DC 20555-0001, or by internet e-mail to infocollects@nrc.gov to the Desk Officer, Office of Information and Regulatory Affairs, NEOB-10202, (3150-0000). Office of Management and Budget, Washington, C 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.

Complete all six sections of this registration form. If any of the preprinted information is incorrect, provide the changes in the applicable boxes. USE CAPITAL LETTERS.

General License Registration Number GL-725715-19 **SECTION 1 - GENERAL LICENSEE INFORMATION**

Enter the company name and the street address/physical location of use for your device(s). For portable devices, specify the primary storage location. Do not use a P.O. Box address.

Company Name: VINDEX ENERGY CORP.

Departmen	it:	DOB	BIN	RID	GE P	REP	PL/	ANT								
Address Li	ne 1:	200	BUF	FAL	0 CC	DAL F	ROA	D								
Address Lir	ne 2:													 	I	
City:		MOL	JNT	STO	RM											
State: WV	/				Zip (Code	: 26	5739	-					-		
				For (Do	NRC not	: Use write	e her				pt Da Ac	tego ate (I cess	VMD ioni			





GL-725715-19 11/04/2014 SECTION 1 PAGE 2 of 2

SECTION 1 - GENERAL LICENSEE INFORMATION (Continued)

Enter the name, telephone number and title of the person who is the responsible individual for the device(s).

Last Name:	STR	AWS	ER													
First Name:	HILL	ARY						М	iddle	Initi	al:	М				
]							
Telephone:	(301) 334	1-649	97						Ē	xtens	sion:	20	1		
]									
Title:	SAF	ETY	MAN	NAGI	ER											

Enter the mailing address where correspondence regarding your device(s) should be sent. This address should be specific to the use or storage location of your device(s).

Dep	artm	ent:		DOE	BIN	RID	GE F	PREF	PL	ANT						
Add	ress	Line	1:	265/	A GL	ASS	DRI	VE								
Add	ress	Line	2:													
City	:			OAK	LAN	ID										
State	e: I	MD] z	ip Co	ode:	215	50 -					-		







01-120110	
11/04/2014	

SECTION 2 - DEVICES SUBJECT TO REGISTRATION

Our records indicate that you have these devices. Please update the information as necessary.

SECTION 2 PAGE 1 of 3

NR	C Device Key	818358	(Internal Control Number)	
Dis	tributor/Distributed By:	THERMO I	FISCHER SCIENTIFIC	
Dis	tributor License Number:	L03524		
Mai	nufacturer Name: THERM			
Dev	vice Model (Not Source Mc	odel): 5202		
De	vice Serial Number: B3235			
Tra	insfer Date (Receipt Date):	07/20/2011	Not in possession of device (Also	
			└ complete Section 4.)	
N	MM DD YY	YY		
	lsotope (e.g. AM241)	A	Activity (e.g. 100) Unit (e.g. mCi)
1	Isotope (e.g. AM241) CS137		Activity (e.g. 100) Unit (350.00000000 mCi	e.g. mCi)
1				e.g. mCi)
1 2				e.g. mCi)
				e.g. mCi)
				e.g. mCi)
2				e.g. mCi)
2				e.g. mCi)
2 3				e.g. mCi)
2 3				e.g. mCi)
2 3 4				e.g. mCi)
2 3 4				e.g. mCi)





GL-/	201	10-	1	•
11/04	1/20	14		

SECTION 2 - DEVICES SUBJECT TO REGISTRATION

Our records indicate that you have these devices. Please update the information as necessary.

SECTION 2 PAGE 2 of 3

NRC Device Key Distributor/Distributed By:						8183	56	(I	nteri	nal C	ontr	ol N	umb	er)											
Dis	ributc	or/Dist	ributec	l By:		THE	RMO	FIS	CHE	R SC	CIEN	TIFIC	0												
Dis	ributc	or Lice	nse Ni	umbei	•:	L035	524																		
Mai	nufact	urer N	lame: [·]	THER	MO	MEA	SUR	ETE	СН		L	I													
De	vice M	odel (Not So	ource	Moc	lel): 5	5201								L	L	L			· · ·		4			
						T										<u> </u>			ŀ		Τ]			
L Dev	/ice S	erial N	lumbe	 r: 854	21	1											[1							
						<u> </u>		[Ľ		T	Γ			
						1															ł				
Tra	nsfer l	Date (Receip	ot Dat	e):0	7/20/	2011										Noti	n nos		ion of	í devid	- ο <i>(</i> ΔΙα	0		
																	com	plete	Secti	on 4.)	uevic				
N	IM	D	D		ΥY	ΥY																			
	Isoto	pe (e.	g. AM	241)				Activ	/ity (e	ə.g. '	100)											Unit	(e.g	mCi)	
1	CS1	37						10.0	0000	0000	0											mC	i		
2					-														_						
3	r	<u>г г</u>			7				1		1	1	1			-		r	·.	-		r	·····		
4				<u> </u>	7				1	1	T	r	1	T	T			τ		٦		[<u> </u>		
				I																					
5					1					1		r	<u> </u>	r —	1	1				٦					
6]			L															<u> </u>		
6]			[1		Γ											Τ		





02/20/10	•
11/04/2014	

SECTION 2 - DEVICES SUBJECT TO REGISTRATION

Our records indicate that you have these devices. Please update the information as necessary.

SECTION 2 PAGE 3 of 3

NR	NRC Device Key Distributor/Distributed By:						8183	57	(1	nter	nal C	Cont	rol N	lumb	er)										
Dis	tribut	or/Di	stribı	uted	By:		THE	RMC	FIS	CHE	R SO	CIEN	TIFI	С											
Dis	tribut	or Lic	cense	e Nu	mbei	r:	L035	524												•	•		•		
]												
Mai	nufac	turer	Nan	ne: T	HER	MO	MEA	SUR	RETE	CH		I]										_		
Dev	vice N	Node	l (No	t So	urce	Mod	lel): {	5201				•											-		
]		
Dev	vice S	Serial	Nun	nber	: B54	22			•		1	•			<u>.</u>	1			•	•	1		-		
																			Γ		Τ				
									<u> </u>	I		L	l	I		I		L	L	l			1	L	
Tra	nster	Date	(Re	ceipi	t Dat	е):0 — Т	//20/	2011									_	Noti	in pos	sess	ion o	f devi	ce (Als	50	
																	L	com	piete	Secti	on 4.)			
N	1M		DD			YY	YY																		
	Isot	ope (e.g. /	AM2	41)				Activ	/ity (e.g. '	100)											Unit	(e.g.	. mCi)
1	CS	137							75.0	0000	0000	00											mC	i	
2			•			-			_	T											_				
3	_				·····	Ъ				1	1			·····	·			-	1		-			1	
4	r	-	1	1	-	٦				1		1	1			1	<u> </u>				-			<u> </u>	L
5			1			7			[T	1		1		T	<u> </u>	T	<u> </u>			٦			1	<u> </u>
_]																						
6]																	[_		





GL-725715-19

11.	/04/20	14		~										~		~ ~ ~				 ~~~				EC		
Pro	vide	infor	matic			FION other																lly I	/P icen	AGE sed (1 c devic	of 1 es.
Mar	nufac	turer	Nan	ne																						
Initi	al Tra	ansfe	ror N	lame	•																					
Initi	al Tra	ansfe	ror L	icen	se N	umb	er (if	kno	wn)			_														
Dev	vice N	Node	Nur	nber	(No	t Sou	irce l	Mode	el)											 				.		
Dev	ice S	Serial	Num	nber		T	,			r	1	-	r			r	r		. 	 					1	
fron	nad	juirec istribi ensee	utor/r	manı	ufact	urer,				urer/ neral			insfe e			abov ansfe		: [][
						,	0	Othe	r Soi	urce				(Re	ceiv	ed)			ММ	D	D			ΥY	ΥY	
		Isoto	pe (e			-	0	Othe		urce Activ	vity (e	e.g. '	100)	(Re	ceiv	ed)			ММ	D	D					. mCi)
1.		Isoto	pe (e			-	00	Othe			rity (e	e.g. ′	100)	(Re		ed)			мм							. mCi)
			ope (e			-	0 (]]	Othe			rity («	e.g. /	100)	(Re		ed)			мм 							mCi)
1.			pe (e			-	 	Othe			rity («	e.g. /	100)	(Re		ed)			мм 							. mCi)
1. 2.			ope (6			-	 	Othe				e.g. /	100)			ed)			мм 							. mCi)
1. 2. 3.						-	 	Othe			rity («	e.g. /				ed)			мм 							. mCi)
1. 2. 3. 4.			ppe («			-)]]]]	Othe				e.g. /				ed)										. mCi)
1. 2. 3. 4.						-	 	Othe								ed)										. mCi)
1. 2. 3. 4. 5.						-	O(]]]]]	Othe								ed)										
1. 2. 3. 4. 5. 6. 7.						-	 	Othe								ed)										



GL-72 11/04/		19					S	SEC	ΓΙΟΝ	4 -	NO	ΓΙΝ	POS	SSE	SSIC	ON C)F D	EVI	CE					ECT			
Prov	ide ir	nfori	matio	on a	bout	dev	ices	liste	ed in	Sect	ion	2 or	6, bı	ut no	lon	ger i	n yo	ur p	osse	essic	n.		PA	٩GE	10	TI	
Par	t 1												Т	rans	fer D	ate:											
	C Dev		-			1			1]	Γ] [
(fror	n Seo	ction	2 or	6)	L		. .		.1		1	_	L	 MN] A	L	I DD	┛╘		(YY	v V						
Loc	ation	of th	ne De	evice	e :									IVIIV	n	I	00				'						
0	Wh	erea	bout	s Ur	hknov	vn (c	omp	lete	Part	1 onl	y)	(-					-				-		ete P			d 3
0									plete				-				•	ecific	Lice	ensee	e (No	ot the	mar	nufac	ture	r)	
С	Ret	turne	ed to	Mar	lufac	turer	(co	mple	te Pa	art 1	only))	(0	comp	lete	Part	2)										
Par	2 Li	cens	se Nu	umbe	er of	Reci	pient	t (if tr	ansf	erred	to a	spe	cific	licen	see)												
Com	ipany	/ Nar	ne:	ı	I	L	1			L		1	J														
)		T	r	1	1	<u> </u>		1	<u> </u>						r		[ŀ		I			1			1
									<u> </u>																		J
Depa	artme	ent:												-										,			-
Add	ress	Line	1:	1	1					1		L	_		I	4	 .		I		L	<u> </u>	<u> </u>	<u> </u>			,
											[[<u> </u>	<u> </u>	<u> </u>		<u> </u>	<u> </u>	<u>, </u>		T	T	1	1
				1		 				1									ŀ			<u> </u>		<u> </u>			
Ado	dress	Line	∋ 2:	_	_	_	_					<u> </u>	-		-	-	-										_
											ľ															ļ	
City	/:		L	1		1			.1					1								_		_		J	,
					T	-				}												Γ		1			1
				<u>ا</u>	L			<u> </u>	<u> </u>	<u> </u>	l		<u>ו</u>	 				<u> </u>		<u> </u>			<u> </u>	<u> </u>]
Stat	e:				Zıp	Cod	e:						-														
Par	t 3		E	- nter	the	namo	e of	the i	ndivi	idual	res	pons	sible	for	this (devi	ce:										
Las	t Nar	ne:																									
[
Fire	t Nar	<u></u>				L	<u> </u>		1				L		I					L		L				I	1
		ne.											1									e Initi	al:				
													J														
Telep	phone	e Nu	mbei	r:] E	xten	sion	: [
Title);							-	<u></u>								-			L					J		
							Τ	Τ	Т				<u> </u>									Г	<u> </u>	<u> </u>	Τ]





GL-725715-19 11/04/2014

SECTION 5 - CERTIFICATION

SECTION 5 PAGE 1 of 1

I hereby certify that:

- A. All information contained in this registration is true and complete to the best of my knowledge and belief.
- B. A physical inventory of the devices subject to registration has been completed, and the device information on this form has been checked against the device labeling.
- C. I am aware of the requirements of the general license, provided in 10 CFR 31.5.(Copies of applicable regulations may be viewed at the NRC website at:

http://www.nrc.gov/reading-rm/doc-collections/cfr)

SIGNATURE - RESPONSIBLE INDIVIDUAL (Listed in Section 1)

DATE

WARNING: FALSE STATEMENTS MAY BE SUBJECT TO CIVIL AND/OR CRIMINAL PENALTIES. NRC REGULATIONS REQUIRE THAT SUBMISSIONS TO THE NRC BE COMPLETE AND ACCURATE IN ALL MATERIAL ASPECTS. 18 U.S.C. SECTION 1001 MAKES IT A CRIMINAL OFFENSE TO MAKE A WILLFULLY WRONG STATEMENT OR REPRESENTATION TO ANY DEPARTMENT OR AGENCY OF THE UNITED STATES AS TO ANY MATTER IN ITS JURISDICTION.