MILO	FORM 374						PAGE 1 OF 7 PAGES
			U.S. N	JCLEAR REGU	ILATORY COMMISSION		
				ATERIAL	S LICENSE		
Parts authoriand and a licens	s 30, 31, 32, 33, 34, 35, 3 prizing the licensee to rece at the place(s) designated se shall be deemed to cont	86, 37, 39 ive, acqui below; to ain the co	0, 40, 70 and 71, and in reliance ire, possess, and transfer byprodu deliver or transfer such material to	on statemen oct, source, ar o persons aut f the Atomic E	ts and representations her nd special nuclear material thorized to receive it in acc Energy Act of 1954, as ame	etofore mad designated ordance with	le 10, Code of Federal Regulations, Chapter I, le by the licensee, a license is hereby issued below; to use such material for the purpose(s) in the regulations of the applicable Part(s). This subject to all applicable rules, regulations, and
	Lic	censee				4. Expi	ration Date: September 30, 2036
1.	SIGECO, A CenterPoi	nt Energ	gy Company	ARR	EGULA		
			CF		A P		ket No.: 030-39261
	1 N. Main Street P.O. Box 209 Evansville, IN 47702-0)209	3. 1	icense No.	: 13-35626-01	Refe	erence No.:
6.	Byproduct, source, and/or special nuclear material	7.	Chemical and/or physical form	2. 28.	Maximum amount that lice may possess at any one t under this license		Authorized use
Α.	Californium-252	Α.	Sealed Sources (QSA Global Model CVN.CY2, CVN.CY6, CVN.CY7, CVN.CY14, CVN.CY15)		Not to exceed 16 source and 54 millicuries total	es A.	Eight sources for use in a Sabia, Inc. X1 Series fixed gauge analyzing device to measure various constituents in coal ash. Eight sources for replacement in the gauging device. Only one analyzer device total is authorized by this license.
Β.	Californium-252	В.	Sealed Sources (Frontier Technology Corporation, Mode FTC 100 Series)	B,	See 8.A.	B.	Same as 9.A.
C.	Californium-252	C.	Sealed Sources (Eckert & Ziegler Isotope Products, Mod 3004, 3014 and N-252 Series)	el	See 8.A.	C.	Same as 9.A.
D.	Californium-252	D.	Sealed Sources (Sabia Inc., Model HK252M44)	D.	See 8.A.	D.	Same as 9.A.

NRC FORM 374A	U.S. NUCLEAR	REGULATORY COMMISSION	PAGE 2 OF 7 PAGES	
MATERIALS LICENSE SUPPLEMENTARY SHEE		6-01 Docket or Refe 030-39261	erence No.:	
6. Byproduct, source, 7. C and/or special nuclear material	Chemical and/or physical form	 Maximum amount that licensee may possess at any one time under this license 	9. Authorized use	
P	ealed Sources (Isotope Products Laboratories, Model 2s7.PO2)	E. 20 millicuries per source and 20 millicuries total	E. One source for use in a Berthold Technologies GmbH & Co.KG Model No. LB 7440-F-CR fixed gauging device to measure moisture content in materials.	
	A A UNITED STATE	A A A		

NRC FORM 374A		U.S. NUCLEAR REGULATORY	U.S. NUCLEAR REGULATORY COMMISSION			
	MATERIALS LICENSE SUPPLEMENTARY SHEET	License No.: 13-35626-01	Docket or Reference No.: 030-39261			
		CONDITIONS				
10.	Licensed material shall be used or stor IN 47620.	ed at the licensee's facilities located a	t: AB Brown Power Station, 8511 V	Velborn Road, Mt. Vernon,		
11.	The Radiation Safety Officer (RSO) for	this license is Travis R. Peay.	10p			
12.	Licensed material shall only be used by, or under the supervision of, individuals who have received the training described in the letter dated August 6, 2020 and application dated August 6, 2020, and have been designated in writing by the Radiation Safety Officer. The licensee shall maintain records of individuals designated as users for 3 years following the last use of licensed material by the individual.					
13.		eakage and/or contamination at inter lear Regulatory Commission under 10 ces shall be tested for leakage and/or	CFR 32.210 or by an Agreement	State. In the absence of a		
	•	a transferor indicating that a leak test uclear Regulatory Commission under from another person shall not be put i	10 CFR 32.210 or by an Agreemen	nt State, prior to the		
	C. Sealed sources need not be tested is 30 days or less; or they contain r microcuries of alpha-emitting mater	not more than 100 microcuries of beta				
		if they are in storage and are not bein n, and have not been tested within th stored for a period of more than 10 y	e required leak test interval, they sl	hall be tested before use or		

NRC FORM 374A	U.S. NUCLEAR REGULATORY CO	DMMISSION	PAGE 4 OF 7 PAGES
MATERIALS LICENSE SUPPLEMENTARY SHEET	License No.: 13-35626-01	Docket or Reference No.: 030-39261	
E. The leak test shall be capable of dete sample. If the test reveals the presen filed with the U.S. Nuclear Regulatory immediately from service and decont	nce of 185 becquerels (0.005 microcu y Commission in accordance with 10 aminated, repaired, or disposed of in	ries) or more of removable contai CFR 30.50(c)(2), and the source accordance with Commission reg	mination, a report shall be shall be removed gulations.
F. Analysis of leak test samples and/or Commission or an Agreement State t the analysis.			
G. Records of leak test results shall be I	kept in units of becquerels (microcurie	es) and shall be maintained for 3	years.
14. The licensee shall operate each device c limits such that the shielding and shutter			ature and environmental
 Sealed sources containing licensed mate specifically authorized. 	erial shall not be opened or sources re	emoved from source holders by th	e licensee, except as
 The following services shall not be perfor service, (v) dismantling, (vi) alignment, (v components related to the radiological sa mechanism (shutter), shutter control, shi Nuclear Regulatory Commission or an Ag 	vii)replacement, (viii) disposal of the s afety of the gauge (i.e., the sealed so elding). These services shall be perfo	ealed source, and (ix) non-routine urce, the source holder, source dr rmed only by persons specifically	e maintenance or repair of ive mechanism, on-off
17. The licensee shall conduct a physical inv Commission, to account for all sealed so maintained for 3 years from the date of e numbers, and the date of the inventory.	urces and/or devices received and po	ossessed under the license. Reco	rds of inventories shall be

NRC	FORM	W 374A	U.S. NUCLEAR REGULATORY C	OMMISSION PAGE 5 OF 7 PAGES
		MATERIALS LICENSE SUPPLEMENTARY SHEET	License No.: 13-35626-01	Docket or Reference No.: 030-39261
18.		licensed material and that do not res in increased radiation levels in acces The licensee may not maintain, repa (iii) source drive mechanism, (iv) on-	sult in the potential for any portion of ssible areas. air, or replace any of the following dev	e not related to the radiological safety of the device containing the body to come into contact with the primary beam or result vice components: (i) the sealed source, (ii) the source holder, control, (vi) shielding, or (vii) any other component related to ecific condition of this license.
19. A. The licensee may initially mount a gauge, if permitted by the certificate of registration issued by Commission or an Agreement State, and under the following conditions:				registration issued by the U.S. Nuclear Regulatory
	В.	The gauge must be mounted in according	ordance with written instructions prov	ided by the manufacturer.
	C.			of Normal Use and Limitations and/or Other Considerations ory Commission or an Agreement State.
	D.	The on-off mechanism (shutter) mus	t be locked in the off position, if appli	cable, or the source must be otherwise fully shielded.
	E.	The gauge must be received in good	d conditions (e.g., the package was n	ot damaged).
	F.	The gauge must not require any mod	dification to fit in the proposed locatio	n.
	G.	-	talled and made operational by a per-	of the gauge. The source must remain fully shielded, and the son specifically licensed by the U.S. Nuclear Regulatory

NRC FORM 374A		U.S. NUCLEAR REGULATORY COMMISSION		PAGE 6 OF 7 PAGES
	MATERIALS LICENSE SUPPLEMENTARY SHEET	License No.: 13-35626-01	Docket or Reference No.: 030-39261	
20.	Prior to initial use and after installation, r shielding, the licensee shall assure that and below the gauge with the shutter op U.S. Nuclear Regulatory Commission or	a radiological survey is performed t en. This survey shall be performed	o determine radiation levels in acc	essible areas around, above,
21.	The periodic on-off mechanism (shutter) the shutter lock mechanism in a locked presults shall be maintained for 3 years fr	position. The gauges exempted from		
22.	Except for maintaining labeling as require Regulatory Commission before making a description or specifications as indicated Commission pursuant to 10 CFR 32.210	any changes in the sealed source, o d in the respective certificate of regis	levice, or source-device combinat	ion that would alter the
23.	A. Each gauge shall be tested for the p months or at such longer intervals a pursuant to 10 CFR 32.210 or the en	s specified in the certificate of regis	ration issued by the U.S. Nuclear	
	B. The periodic on-off mechanism (shu have the shutter lock mechanism in Records of test results shall be main	a locked position. The gauges exer	npted from this periodic test shall	
24.	The licensee shall assure that the shutter periods when a portion of an individual's appropriate, its "lock-out" procedures wh	body may be subject to the direct i	adiation beam. The licensee shall	review and modify, as

NRC FORM 37	IA	U.S. NUCLEAR REGULATORY CO	MMISSION	PAGE 7 OF 7 PAGES
	NATERIALS LICENSE PPLEMENTARY SHEET	License No.: 13-35626-01	Docket or Reference No.: 030-39261	
repres those Regul corres A. Le ap ca B. Le	entations, and procedures contai statements, representations, and atory Commission's regulations s pondence impose on the licensee atter (unsigned) dated August 6, 2	03A004)	iclosures, listed below. This licens mitted in accordance with the regu esentations, and procedures in the than or in addition to the regulation ned) dated August 6, 2020, exclude	se condition applies only to ulations. The U.S. Nuclear e licensee's application and ons. ting references to
Date: <u>Sep</u> i	ember 3, 2021	FC	THE U.S. NUCLEAR REGULAT	TORY COMMISSION