October 5, 2020

List of Plants Where Coal-Ash Contaminated Groundwater Exceeds Allowable State and/or Federal Limits

(including Cleanup Plans & Known Public Meeting Information)

The first table below lists 124 plants in 28 states and Puerto Rico with industry cleanup plans for at least one regulated coal ash unit on site. This document also lists over 30 additional plants for consideration. The plant owners for at least 155 plants posted notifications that the groundwater exceeds state and/or federal limits of contamination for one or more of the following toxic substances for at least one regulated coal ash pond or landfill: Antimony, Arsenic, Barium, Beryllium, Cadmium, Chromium, Cobalt, Lead, Lithium, Molybdenum, Selenium, Thallium, and Radium 226 and 228 combined.

In addition, many of these units are coal ash ponds that are unlined and violate the federal aquifer separation standard, which requires five feet of separation from the base of the pond to the underlying groundwater.

Based on the federal coal ash rule, owners with contaminated sites must design cleanup plans ("Assessment of Corrective Measures") to remediate any coal ash releases and to restore the contaminated area to its original condition. Owners may attempt to show that an alternate source is responsible for the contamination.

<u>PUBLIC MEETING(S)</u>: The plant owner must discuss the results of the cleanup plan with interested and affected parties at least 30 days before the company selects a remedy. While there is no strict deadline for remedy selection, the utility must select a cleanup plan "as soon as feasible." Thus, the exact dates of public meetings are determined on a site-by-site basis.

<u>PUBLIC ENGAGEMENT IN THE CLEANUP PROCESS</u>: It is critical for affected communities to play an active role in the review of the cleanup plan and in the cleanup selection process. Because there is no required oversight role for U.S. EPA or state regulators in many states, active community members are the frontline for ensuring adequate cleanup at these contaminated sites. Community evaluation of the cleanup plans are necessary to ensure timely, comprehensive, and health-protective remediation. For tools and tips to advocate for the most protective outcome, *see* https://earthjustice.org/coalash/toolkit/doc.

Additional information about the individual coal ash dumps at each plant, including links to owner compliance websites, is available on a map at https://earthjustice.org/features/map-coal-ash-contaminated-sites.

Table 1. Plants with groundwater contamination and cleanup plans for at least one regulated coal ash unit at the plant.

	Name of Plant (incl. link to Website)	Owner/ Operator	State	City	Contamination Found Above Federal and/or State Groundwater Limits per Admission (appendix IV SSL)	Cleanup Plan (note: limited to unit(s) with SSLs & without ASDs, not full site)	Initial Public Meeting
1	Healy Power Plant	GVEA	AK	Healy	antimony, arsenic, lithium, molybdenum, selenium	REPORT 8/2018	
2	Charles R. Lowman Power Plant	Power South Energy Cooperative	AL	Leroy	beryllium, cobalt, lithium, molybdenum	• • • • • • • • • • • • • • • • • • • •	
3	Colbert Fossil Plant	Tennessee Valley Authority	AL	Tuscumbia	arsenic, cobalt	REPORT 7/15/2019	
4	E.C. Gaston Steam Plant	Alabama Power	AL	Wilsonville	arsenic, lithium, molybdenum, radium 226 and radium 228	REPORT 6/2019	7/6/2020
5	James H. Miller, Jr., Electric Generating Plant	Alabama Power	AL	Quinton	arsenic, cobalt, lithium	REPORT 6/2019	7/7/2020
6	James M. Barry Electric Generating Plant	Alabama Power	AL	Bucks	arsenic, cobalt	REPORT 6/2019	6/30/2020
7	Plant Gadsen	Alabama Power	AL	Gadsden	arsenic, lithium	REPORT 7/2020	
8	Plant Greene County	Alabama Power	AL	Demopolis	arsenic, cobalt, lithium	REPORT 6/2019	6/29/2020
9	William C. Gorgas Electric Generating Plant	Alabama Power	AL	Parrish	arsenic, lithium, molybdenum	REPORT (partial) 6/2019, Revised 10/2019	7/1/2020
10	Cholla Power Plant	Arizona Public Service Electric Company	AZ	Joseph City	arsenic, cobalt, fluoride, lithium, molybdenum	REPORT 6/14/2019	
11	Pawnee Station	Xcel Energy	со	Brush	lithium	REPORT 8/30/2019	
12	Rawhide Energy Station	Platte River Power Authority	со	Wellington	cobalt, selenium	REPORT & HERE 6/13/2019 & 8/15/2019	11/13/2019
13	Valmont Station	Xcel Energy	со	Boulder	cobalt, lithium, molybdenum, selenium	REPORT 6/6/2019	
14	C.D. McIntosh Power Plant	Lakeland Electric	FL	Lakeland	arsenic, lithium, radium	REPORT 6/12/2019	

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15	Crystal River Energy Complex	Duke Energy	FL	Crystal River	arsenic, lithium, molybdenum, radium 226 and radium 228 (ASD)	REPORT 6/2019	
16	Plant Crist	Gulf Power	FL	Pensacola	cobalt, radium	REPORT 6/11/2019	12/19/2019
17	Plant Smith	Gulf Power	FL	Southport	arsenic, lithium	REPORT 6/11/2019	
18	St. John's River Power Park	Jacksonville Electric Authority	FL	Jacksonville	radium	REPORT 6/2019	
19	Plant Bowen	Georgia Power Company	GA	Cartersville	cobalt, (molybdenum)	REPORT 6/2019	
20	Plant Hammond	Georgia Power Company	GA	Rome	arsenic, cobalt, molybdenum	REPORT & HERE 6/2019	
21	Plant Yates	Georgia Power Company	GA	Newman	beryllium	REPORT 6/2019	
22	Burlington Generating Station	Interstate Power and Light Company	IA	Burlington	lithium, molybdenum	REPORT 9/12/2019	
23	Lansing Generating Station	Interstate Power and Light Company	IA	Lansing	arsenic	REPORT 9/12/2019	
24	Neal North Energy Center	MidAmerican Energy Co.	IA	Sergeant Bluff	molybdenum	REPORT 9/1/2020	
25	Neal South Energy Center	MidAmerican Energy Co.	IA	Salix	arsenic	REPORT 5/28/2019	6/25/2019
26	Ottumwa Generating Station	Interstate Power and Light Company	IA	Ottumwa	cobalt	REPORT 9/12/2019	
27	Prairie Creek Generating Station	Interstate Power and Light Company	IA	Cedar Rapids	arsenic, molybdenum	REPORT 9/12/2019	
28	Baldwin Energy Complex	Luminant (formerly Dynegy Inc.)	IL	Baldwin	lithium	REPORT (partial) r. 11/15/2019	12/2/2019
29	Coffeen Power Station	Luminant (formerly Dynegy Inc.)	IL	Coffeen	cobalt, lithium	REPORT (partial) 7/8/2019	10/7/2019

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30	Dallman Power Generating Station	City Water, Light and Power	IL	Springfield	arsenic	Not completed 6/26/2019 Update	
31	Hennepin Power Station	Luminant (formerly Dynegy Inc.)	IL	Hennepin	arsenic, cobalt, lithium, molybdenum	REPORT (partial) 9/5/2019	12/17/2019
32	Joliet #9 Generating Station (Lincoln Stone Quarry)	NRG	IL	Joliet	arsenic, cobalt, lithium, molybdenum	REPORT 5/31/2019	8/27/2019
33	Marion Power Plant	SIPC	IL	Marion	arsenic, cobalt, thallium	REPORT* (remedy selection, no plan available) 6/19/2019	5/23/2019
34	Wood River Power Station	Luminant (formerly Dynegy Inc.)	IL	Alton	molybdenum	REPORT 6/2020	
35	A.B. Brown Generating Station	SIGECO, dba Vectren Power Supply	IN	Mount Vernon	arsenic, cobalt, lithium, molybdenum	REPORT (partial) 9/2019	
36	Bailly Generating Station	Northern Indiana Public Service Company	IN	Chesterton	arsenic, cadmium, lithium, thallium	REPORT 5/1/2019	
37	Cayuga Generating Station	Duke Energy	IN	Cayuga	arsenic, cadmium, chromium, cobalt, lead, lithium, molybdenum, selenium, thallium, radium 226 and radium 228	REPORT 6/2019	
38	Clifty Creek Station	Indiana- Kentucky Electric Corp.	IN	Madison	molybdenum	REPORT 9/19/2019	11/9/2019
39	Eagle Valley Generating Station	Indianapolis Power & Light Company	IN	Martinsvill e	arsenic, lithium, molybdenum	REPORT r. 10/11/2019	
40	F.B. Culley Generating Station	SIGECO, dba Vectren Power Supply	IN	Newburg	arsenic, molybdenum	REPORT 9/2019	

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41	Gallagher Generating Station	Duke Energy	IN	New Albany	arsenic, molybdenum	REPORTS 6/2019	
42	Gibson Generating Station	Duke Energy	IN	Owensville	arsenic, cobalt, lithium, molybdenum REPORT (partial) 6/2019		
43	Harding Street Generating Station	Indianapolis Power & Light Company	IN	Indianapoli s	antimony, arsenic, lithium, molybdenum	REPORT 9/2019	
44	Petersburg Generating Station	Indianapolis Power & Light Company	IN	Petersburg	cadmium, cobalt, molybdenum	REPORT r. 10/11/2019	
45	R.M. Schahfer Generating Station	Northern Indiana Public Service Company	IN	Wheatfield	cobalt, lithium, molybdenum	REPORT 4/19/2019	
46	Wabash River Generating Station	Duke Energy	IN	Terre Haute	arsenic, chromium, cobalt, lead, lithium, molybdenum, radium 226 and radium 228	um, molybdenum, radium 226	
47	D.B. Wilson Generating Station	Big Rivers Electric Corporation	КҮ	Centertow n	cobalt	REPORT 6/13/2019	
48	E.W. Brown Generating Station	Kentucky Utilities Company	KY	Harrodsbur g	lithium, molybdenum	REPORT 6/13/2019	9/2019
49	East Bend Electric Plant	Duke Energy	КҮ	Union	lithium	REPORT 4/2019	
50	Elmer Smith Station	Owensboro Municipal Utilities	KY	Owensboro	molybdenum	REPORT	
51	Ghent Generating Station	Kentucky Utilities Company	KY	Ghent	lithium, molybdenum	REPORTS <u>HERE</u> & <u>HERE</u> 7/3/2019	9/18/2019
52	Mill Creek Generating Station	Louisville Gas & Electric Company	КҮ	Louisville	lithium, molybdenum	REPORT & HERE 5/28/2019	

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53	Paradise Fossil Plant	Tennessee Valley Authority	КҮ	Drakesboro	arsenic	REPORT 7/15/2019	
54	Sebree Generating Station	Big Rivers Electric Corporation	КҮ	Robards	lithium	REPORT 6/13/2019	
55	Shawnee Fossil Plant	Tennessee Valley Authority	кү	West Paducah	molybdenum	REPORT 7/15/2019	
56	Westland Ash Management Facility	NRG	MD	Dickerson	lithium, molybdenum, selenium	REPORT 3/2019	
57	BC Cobb Power Plant	Consumers Energy Co.	MI	Muskegon	lithium, (others)	REPORT 9/2019	
58	DE Karn Power Plant	Consumers Energy Co.	МІ	Essexville	arsenic, (others)	REPORT 9/2019	
59	JC Weadock Power Plant	Consumers Energy Co.	МІ	Essexville	arsenic, beryllium, lithium, (others)	REPORT 9/2019	
60	JH Campbell Power Plant	Consumers Energy Co.	МІ	West Olive	arsenic, (others)	REPORT 9/2019	
61	River Rouge Power Plant	DTE Electric Co.	МІ	River Rouge	arsenic, lithium	REPORT 4/15/2019	
62	Labadie Energy Center	Ameren	МО	Labadie	molybdenum	REPORT 5/20/2019	5/31/2019
63	Meramec Energy Center	Ameren	МО	St. Louis	arsenic, molybdenum	REPORT 5/17/2019	5/31/2019
64	New Madrid Power Plant	Associated Electric Coop.	МО	New Madrid	molybdenum	REPORT r. 10/11/2019	11/14/2019
65	Rush Island Energy Center	Ameren	МО	Festus	arsenic, molybdenum	REPORT 5/2019	5/31/2019
66	Sioux Energy Center	Ameren	МО	West Alton	molybdenum	REPORT 5/2019	5/31/2019
67	Choctaw Generation; Red Hills Operations	Choctaw Generation Limited Partnership, LLLP	MS	Ackerman	cobalt, lithium	REPORT 6/29/2019	

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68	R.D. Morrow, Sr. Generating Station	Cooperative Energy	MS	Purvis	lithium, molybdenum	REPORT 9/12/2019	
69	Plant Watson	Mississippi Power	MS			REPORT 8/2020	
70	Colstrip Steam Electric Station	Talen Energy	MT	Colstrip	cobalt, lithium, molybdenum	REPORT & HERE 4/2019	
71	Lewis & Clark Station	Montana- Dakota Utilities Co.	MT	Richland	lithium, selenium	REPORT 8/2019	
72	Allen Steam Station	Duke Energy	NC	Belmont	arsenic, beryllium, cadmium, cobalt, lithium, thallium	REPORT 4/10/2019	
73	Asheville Steam Electric Plant	Duke Energy	NC	Arden	cobalt, radium 226 and radium 228	REPORT 4/10/2019	
74	Belews Creek Steam Station	Duke Energy	NC	Belews Creek	arsenic, beryllium, chromium, cobalt, lithium, radium 226 and radium 228	REPORTS 4/10/2019	
75	Buck Steam Station	Duke Energy	NC	Salisbury	cobalt, lithium	REPORTS 4/10/2019	
76	Cliffside Steam Station	Duke Energy	NC	Cliffside	arsenic, beryllium, cobalt, lithium, radium 226 and radium 228	REPORTS 4/10/2019	
77	Dan River Steam Station	Duke Energy	NC	Eden	arsenic, lithium	REPORT 4/10/2019	
78	H.F. Lee Energy Complex	Duke Energy	NC	Goldsboro	arsenic, cobalt, lithium	REPORT 4/10/2019	
79	L.V. Sutton Energy Complex	Duke Energy	NC	Wilmington	arsenic, cobalt, lithium, molybdenum	REPORT 4/10/2019	
80	Marshall Steam Station	Duke Energy	NC	Terrell	arsenic, beryllium, cobalt, lithium, thallium, radium 226 and radium 228	REPORT 4/10/2019	
81	Roxboro Steam Electric Plant	Duke Energy	NC	Semora	arsenic, cobalt, lithium, molybdenum, selenium	REPORTS 4/10/2019	
82	W.H. Weatherspoon Power Plant	Duke Energy	NC	Robeson County	arsenic, radium 226 and radium 228	REPORT 4/10/2019	
83	North Omaha Station	Omaha Public Power District	NE	Douglas County	arsenic, cobalt, lithium, molybdenum, selenium	REPORT 7/5/2019	
84	Four Corners Power Plant	Arizona Public Service Co.	NM	Fruitland	cobalt, fluoride, molybdenum	REPORT 6/14/2019	

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85	Huntley Generating Station	NRG	NY	Tonawanda	arsenic	REPORT (partial) 8/2019	12/18/2019- 1/18/2020, *invitation to send comments only
86	Lockwood Ash Disposal Site	Lockwood Hills LLC	NY	Torrey	arsenic, chromium	*Report completed but not available	
87	Cardinal Plant	Buckeye Power Co. & AEP	ОН	Brillant	lithium, molybdenum	REPORT 7/9/2019	9/4/2019
88	Conesville Plant	American Electric Power	ОН	Conesville	arsenic, lithium, molybdenum	REPORT 6/24/2019	8/8/2019
89	JM Stuart Station	AES Ohio Generation	ОН	Aberdeen	arsenic, barium, cobalt, lithium, molybdenum, radium 226 and radium 228, selenium	REPORTS r. 10/8/2019	
90	Killen Station	AES Ohio Generation	ОН	Mancheste r	lithium, molybdenum	REPORT r. 10/8/2019	
91	Kyger Creek Station	Ohio Valley Electric Corp.	ОН	Cheshire	arsenic	REPORT 9/2019	11/6/2019
92	Miami Fort Power Station	Luminant (formerly Dynegy Inc.)	ОН	North Bend	arsenic, cobalt, molybdenum	REPORT (partial) 9/5/2019	12/16/2019
93	Bruce Mansfield Plant (Little Blue Run)	FirstEnergy	PA	Shippingpo rt	arsenic, lithium	REPORT 6/12/2019	
94	Brunner Island Steam Electric Station	Talen Energy	PA	York Haven	arsenic, lithium, molybdenum	REPORT 6/12/2019	
95	Conemaugh Generating Station	GenOn	PA	New Florence	UNCLEAR	REPORT 1/2019	
96	Hatfield's Ferry Power Station	FirstEnergy	PA	Masontow n	cobalt, lithium	REPORT 10/2019	
97	Homer City Generating Station	NRG	PA	Homer City	lithium	REPORT 9/2019	
98	AES Puerto Rico	AES Puerto Rico	PR	Guayama	lithium, molybdenum, selenium	REPORT 9/2019	12/12/2019
99	Cross Generating Station	Santee Cooper	SC	Cross	beryllium, cobalt, lithium	REPORT & HERE 6/12/2019 & 9/11/2019	12/3/2019

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100	H.B. Robinson Steam Electric Plant	Duke Energy	SC	Hartsville	arsenic, lithium, radium 226 and radium 228	REPORT 4/10/2019	
101	W.S. Lee Steam Station	Duke Energy	sc	Williamsto n	antimony, beryllium, cobalt, lithium	antimony, beryllium, cobalt, lithium REPORTS 4/10/2019	
102	Wateree Generating Station	Dominion Energy	SC	Eastover	arsenic, lithium	REPORT 6/2019	(note: removal completed Sept. 2019)
103	Winyah Generating Station	Santee Cooper	SC	Georgetow n	arsenic, lithium, molybdenum	REPORT 9/2019	12/10/2019
104	Allen Fossil Plant	Tennessee Valley Authority	TN	Memphis	arsenic, fluoride, lead, molybdenum	REPORT 7/15/2019	
105	Cumberland Fossil Plant	Tennessee Valley Authority	TN	Cumberlan d City	arsenic, cobalt, lithium	REPORT 7/15/2019	
106	Gallatin Fossil Plant	Tennessee Valley Authority	TN	Gallatin	lithium	REPORT 7/15/2019	
107	Johnsonville Fossil Plant	Tennessee Valley Authority	TN	New Johnsonvill e	cobalt	REPORT 7/15/2019	
108	Big Brown Steam Electric Station	Luminant Generation Co., LLC	TX	Fairfield	barium, cobalt, lithium, radium 226 and radium 228, selenium	REPORT 9/2019	
109	Martin Lake Steam Electric Station	Luminant Generation Co., LLC	тх	Tatum	arsenic, barium, cobalt, lithium	REPORT & HERE 9/2019	11/13/2019
110	Oak Grove Steam Electric Station	Luminant Generatio Co., LLC	ТХ	Franklin	cobalt, lithium	REPORT 9/2019	10/29/2019
111	San Miguel Plant	San Miguel Electric Cooperative, Inc.	тх	Christine	lithium, mercury, radium 226 and radium 228		
112	Hunter Power Plant	PacifiCorp Energy	UT	Castle Dale	cobalt, lithium, molybdenum	REPORT 6/2019	7/23/2019

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113	Huntington Power Plant	PacifiCorp Energy	UT	Huntington	chromium, cobalt, lithium, molybdenum, selenium	REPORT 6/2019	7/23/2019
114	Intermountain Generating Facility	Intermountain Power Service Corp.	UT	Delta	arsenic, chromium, cobalt, lithium, molybdenum	REPORT 1/9/2019	
115	Bremo Power Station	Dominion Energy	VA	Bremo Bluff	cobalt, lithium, molybdenum	REPORT 5/3/2019 REPORT & HERE 9/1/2020	
116	Chesterfield Power Station	Dominion Energy	VA	Chester	arsenic, cobalt, lithium, radium 226 and radium 228, (lead), (molybdenum)	REPORT 5/14/2019	
117	Possum Point Power Station	Dominion Energy	VA	Dumfries	arsenic, cobalt	REPORT & HERE 6/27/2019 REPORT 6/2020 REPORT 8/2020	
118	Harrison Power Station	Monongahela Power Co.	wv	Haywood	arsenic, molybdenum	REPORT 10/2019	
119	Mountaineer Plant	American Electric Power	wv	New Haven	lithium	REPORT 6/24/2019	8/22/2019
120	Pleasants Power Station	Allegheny Energy Supply Co.	wv	Willow Island	arsenic, barium, fluoride, lithium, radium 226 and radium 228	REPORT 10/2019	
121	Dave Johnston Power Plant	PacifiCorp Energy	WY	Glen Rock	arsenic, cadmium, molybdenum, radium	<u>REPORT</u> 5/2019	8/1/2019
122	Jim Bridger Power Plant	PacifiCorp Energy	WY	Point of Rocks	arsenic, cadium, cobalt, fluoride, lead, lithium, molybdenum, radium 226 and radium 228, selenium	REPORT 5/2019	7/25/2019
123	<u>Laramie River</u> <u>Station</u>	Basin Electric Power Cooperative	WY	Wheatland	lithium, molybdenum	REPORT 8/30/2019	1/30/2020
124	Naughton Power Plant	PacifiCorp Energy	WY	Kemmerer	cobalt, lithium, molybdenum, radium 226 and radium 228, selenium	REPORT, HERE, & HERE 5/2019	7/22/2019

Additional plants are required to post their first or additional cleanup plans or alternate source demonstrations soon. *See, e.g.*, <u>Dunkirk Generating Station</u> (initiated assessment of corrective measures on 7/6/2020), *Plant Hammond (on 7/9/2020), *Gibson Generating Station (on 5/7/2020), <u>Whitewater Valley Station</u> (in 5/2020), <u>Chesapeake Power Station</u> (on 7/2/2020), and <u>Plant McDonough</u> (on 7/9/2020).

Plant owner admission that the groundwater exceeds state and/or federal limits of contamination at a site triggers the cleanup up plan requirement. Each plant owner must develop a cleanup plan ("Assessment of Corrective Measures") designed to remediate any coal ash releases and to restore the contaminated area to its original condition. The plans must be *initiated* within 90 days of a contamination finding, and notice of initiation may be publicly posted up to 60 days after initiation. Cleanup plans must be *completed* within 90 to 150 days of initiation, and publicly posted 30 days after completion. Owners may attempt to show that an alternate source is responsible for the contamination. Cleanup plans are required at all plants if the owners do not demonstrate that a source other than the regulated coal ash dumps caused the contamination.

The following table includes 24 plants in 14 states whose owners have posted notifications that the groundwater exceeds state and/or federal limits of contamination (SSLs), as well as an alleged Alternate Source Demonstration (ASD) for all applicable units.

Table 2. Plants with initial admissions of groundwater contamination, but no cleanup plan for any unit at the site.

	Name of plant	Owner/Operator	State	City	Appendix IV SSL Exceedances per admissions	Latest ASD Date for SSL
1	Plant McIntosh	Georgia Power Company	GA	Rincon	lithium, cobalt	11/21/2019
2	<u>Plant Scherer</u>	Georgia Power Company	GA	Juliette	cobalt	4/26/2019
3	Plant Wansley	Georgia Power Company	GA	Carrollton	lithium	12/2/2019
4	Powerton Generating Station	NRG	IL	Pekin	arsenic, barium, molybdenum, selenium, thallium	3/25/2019
5	Jeffrey Energy Center	Evergy	KS	St. Mary's	molybdenum	5/22/2019
6	Nearman Creek Power Station	Kansas City Board of Public Utilities	KS	Kansas City	arsenic	12/12/2018
7	Tecumseh Energy Center	Evergy	KS	Tecumseh	arsenic, cobalt	10/14/2019
8	Big Sandy Plant	Kentucky Power Co.	KY	Louisa	beryllium, cobalt, lithium	1/16/2020
9	Trimble County Generating Station	Louisville Gas & Electric Company	KY	Bedford	arsenic (ASD), lithium, molybdenum, selenium	4/26/2019
10	Boswell Energy Center	Minnesota Power	MN	Cohasset	arsenic	12/2/2019

11	John Twitty Energy Center	City Utilities of Springfield	МО	Brookline	antimony	1/3/2019
12	Plant Victor Daniel	Mississippi Power	MS	Moss Point	lithium	11/15/2019
13	Nebraska City Generating Station	Omaha Public Power District	NE	Nebraska City	arsenic	4/8/2019
14	W. H. Sammis Power Station	FirstEnergy	ОН	Stratton	cobalt	8/22/2019
15	Zimmer Power Station	Luminant (formerly Dynegy Inc.)	ОН	Moscow	lithium	10/28/2019
16	Northeastern 3&4 Power Station	American Electric Power	OK	Oologah	lithium	10/29/2019
17	Montour Steam Electric Station	Talen Energy	PA	Washingtonville	cobalt, lithium	1/30/2020
18	Gibbons Creek Steam Electric Generating Station	Texas Municipal Power Agency	TX	Anderson	beryllium, cadmium, cobalt, lead, lithium, radium 226 and radium 228	4/2019
19	H.W. Pirkey Power Plant	American Electric Power	TX	Hallsville	cadmium, cobalt, lithium, mercury	4/2/2020
20	J. Robert Welsh Power Plant	American Electric Power	TX	Pittsburg	lithium	3/10/2020
21	Clover Power Station	Dominion Energy	VA	Clover	cobalt	12/18/2018
22	Virginia City Hybrid Energy Center	Dominion Energy	VA	St. Paul	lithium	10/3/2019
23	Yorktown Power Station	Dominion Energy	VA	Yorktown	cobalt, molybdenum	4/30/2019
24	Mount Storm Power Station	Dominion Energy	WV	Mount Storm	fluoride, molybdenum	5/24/2019

In addition, the owners of the following three plants posted notifications that the groundwater exceeds state and/or federal limits of contamination (SSLs) for at least one unit at each plant, but <u>failed</u> to post a clean-up plan OR an alternate source demonstration for any unit at the plant:

- 1. Deerhaven Generating Station, Gainesville Regional Utilities, FL
- 2. <u>JB Sims Power Generation Plant</u>, Grand Haven Board of Light and Power, MI
- 3. New Castle Generating Station, NRG, PA (applicable unit allegedly closed by removal)

See <u>A Toolkit to Advocate for Coal Ash Cleanups</u> for additional information.

Contact Lisa Evans (<u>levans@earthjustice.org</u>) or Flora Champenois (<u>fchampenois@earthjustice.org</u>, 215-717-4523) with any questions or updates to the tables above.