

2023 DECOMMISSIONING FUNDING STATUS REPORT for Operating Power Reactor Licensees (December 31, 2022)

Plant Name	Expected Shutdown Date as of 3/31/2023	Approx. No. of Years Remaining Before Expected Shutdown	Decommissioning Trust Fund (DTF) Balance (As of 12/31/22)	Projected DTF Balance ¹ Before Decommissioning (2022\$)	NRC Minimum Special Estimate
Arkansas Nuclear One, Unit 1	05/20/2034	12	\$659,100,000	\$828,004,455	\$5
Arkansas Nuclear One, Unit 2	07/17/2038	16	\$540,700,000	\$738,242,107	\$5
Beaver Valley Power Station, Unit 1	01/29/2036	14	\$288,058,748	\$379,225,535	\$872,6
Beaver Valley Power Station, Unit 2	05/27/2047	25	\$388,611,909	\$633,023,802	\$5
Braidwood Station, Unit 1	07/29/2046	24	\$430,296,000	\$692,801,297	\$5
Braidwood Station, Unit 2	10/17/2047	25	\$463,854,000	\$763,175,764	\$5
Browns Ferry Nuclear Plant, Unit 1	12/20/2033	11	\$543,259,493	\$936,628,217	\$6
Browns Ferry Nuclear Plant, Unit 2	06/28/2034	12	\$529,486,867	\$939,843,867	\$6
Browns Ferry Nuclear Plant, Unit 3	07/02/2036	14	\$480,017,300	\$945,371,337	\$6
Brunswick Steam Electric Plant, Unit 1	09/08/2036	14	\$740,522,636	\$974,697,620	\$6
Brunswick Steam Electric Plant, Unit 2	12/27/2034	12	\$825,393,586	\$1,047,325,750	\$6
Byron Nuclear Generating Station, Unit 1	09/16/2044	22	\$470,127,000	\$726,065,894	\$5
Byron Nuclear Generating Station, Unit 2	08/02/2046	24	\$453,750,000	\$728,134,448	\$5
Callaway Plant, Unit 1	10/18/2044	22	\$875,356,047	\$2,562,142,435	\$5
Calvert Cliffs Nuclear Power Plant, Unit 1	07/31/2034	12	\$479,206,000	\$604,018,238	\$5
Calvert Cliffs Nuclear Power Plant, Unit 2	08/13/2036	14	\$619,939,000	\$814,624,193	\$5
Catawba Nuclear Station, Unit 1	12/05/2043	21	\$553,088,254	\$933,731,305	\$5
Catawba Nuclear Station, Unit 2	12/05/2043	21	\$579,664,679	\$1,016,007,756	\$5
Clinton Power Station, Unit 1	09/29/2026	4	\$634,478,000	\$681,577,268	\$7
Columbia Generating Station	12/20/2043	21	\$376,100,000	\$622,209,651	\$7
Comanche Peak Nuclear Power Plant, Unit 1	02/08/2030	8	\$732,433,791	\$951,420,555	\$4
Comanche Peak Nuclear Power Plant, Unit 2	02/02/2033	11	\$783,446,457	\$1,020,176,348	\$4
Cooper Nuclear Station	01/18/2034	12	\$602,452,825	\$917,220,196	\$7
Davis-Besse Nuclear Power Station, Unit 1	04/22/2037	15	\$563,595,446	\$848,992,452	\$7
Diablo Canyon Power Plant, Unit 1	11/02/2024	2	\$1,425,911,339	\$1,428,547,991	\$1,324,
Diablo Canyon Power Plant, Unit 2	08/26/2025	3	\$1,869,561,203	\$1,813,953,629	\$1,218,
Donald C. Cook Nuclear Power Plant, Unit 1	10/25/2034	12	\$882,504,898	\$1,117,929,958	\$5
Donald C. Cook Nuclear Power Plant, Unit 2	12/23/2037	15	\$802,765,742	\$1,081,547,258	\$5
Dresden Nuclear Power Station, Unit 2	12/22/2029	7	\$869,029,000	\$997,841,733	\$6
Dresden Nuclear Power Station, Unit 3	01/12/2031	9	\$891,049,000	\$1,047,258,959	\$6
Farley (Joseph M.) Nuclear Plant, Unit 1	06/25/2037	15	\$569,506,402	\$826,143,646	\$5
Farley (Joseph M.) Nuclear Plant, Unit 2	03/31/2041	19	\$555,749,283	\$885,940,670	\$5

1 Projected DTF Balances include growth from earnings and contributions during the reactor operational period, and may include additional financial assurance from other funding mechanisms pursuant to 50.75(e)(1)(iii) and (e)(1)(vi), as necessary. (Note: during the decommissioning period, to be completed within 60 years pursuant to 10 CFR 50.82(a)(3), earnings generated within the DTF may provide additional funding decommissioning, resources not reflected in this column. Staff considered these earnings when determining that licensees met NRC decommissioning funding assurance requirements.)

2 Derived from minimum formula at Title 10 of the *Code of Federal Regulations* (10 CFR) 50.75(c). Incorporates labor, energy, and low-level waste (LLW) burial escalation factors.

3 Four licensees provided SSCs.

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Fermi, Unit 2	03/20/2045	23	\$1,692,000,000	\$2,639,371,549	\$1,000,000,000
Fitzpatrick (James A.) Nuclear Power Plant	10/17/2034	12	\$876,142,000	\$1,109,869,635	\$600,000,000
Ginna (Robert E.) Nuclear Power Plant	09/18/2029	7	\$573,644,000	\$656,482,883	\$500,000,000
Grand Gulf Nuclear Station, Unit 1	11/01/2044	22	\$1,249,400,000	\$1,972,358,381	\$600,000,000
Hatch (Edwin I.) Nuclear Plant, Unit 1	08/06/2034	12	\$661,921,049	\$852,451,210	\$600,000,000
Hatch (Edwin I.) Nuclear Plant, Unit 2	06/13/2038	16	\$596,467,048	\$821,785,297	\$600,000,000
Hope Creek Generating Station, Unit 1	04/11/2046	24	\$626,865,000	\$999,254,415	\$800,000,000
LaSalle County Station, Unit 1	04/17/2042	20	\$637,702,000	\$938,437,156	\$700,000,000
LaSalle County Station, Unit 2	12/16/2043	21	\$635,202,000	\$964,807,083	\$700,000,000
Limerick Generating Station, Unit 1	10/26/2044	22	\$555,435,000	\$1,068,417,865	\$700,000,000
Limerick Generating Station, Unit 2	06/22/2049	27	\$592,050,000	\$1,309,759,739	\$700,000,000
McGuire Nuclear Station, Unit 1	03/03/2041	19	\$721,622,463	\$1,039,191,482	\$500,000,000
McGuire Nuclear Station, Unit 2	03/03/2043	21	\$789,394,603	\$1,183,142,367	\$500,000,000
Millstone Power Station, Unit 2	07/31/2035	13	\$928,500,000	\$1,193,956,138	\$500,000,000
Millstone Power Station, Unit 3	11/25/2045	23	\$973,200,000	\$1,538,466,506	\$600,000,000
Monticello Nuclear Generating Plant, Unit 1	09/08/2030	8	\$800,341,944	\$972,624,103	\$600,000,000
Nine Mile Point Nuclear Station, Unit 1	08/22/2029	7	\$770,145,000	\$879,893,744	\$600,000,000
Nine Mile Point Nuclear Station, Unit 2	10/31/2046	24	\$623,088,000	\$1,003,207,500	\$700,000,000
North Anna Power Station, Unit 1	04/01/2038	16	\$596,840,000	\$810,831,663	\$500,000,000
North Anna Power Station, Unit 2	08/21/2040	18	\$567,000,000	\$807,060,408	\$500,000,000
Oconee Nuclear Station, Unit 1	02/06/2033	11	\$606,808,362	\$743,506,200	\$500,000,000
Oconee Nuclear Station, Unit 2	10/06/2033	11	\$601,786,682	\$747,242,187	\$500,000,000
Oconee Nuclear Station, Unit 3	07/19/2034	12	\$780,933,549	\$984,332,638	\$500,000,000
Palo Verde Nuclear Generating Station, Unit 1	06/01/2045	23	\$1,278,852,000	\$2,004,888,035	\$500,000,000
Palo Verde Nuclear Generating Station, Unit 2	04/24/2046	24	\$1,228,502,000	\$1,958,294,126	\$500,000,000
Palo Verde Nuclear Generating Station, Unit 3	11/25/2047	25	\$1,339,938,000	\$2,204,590,684	\$500,000,000
Peach Bottom Atomic Power Station, Unit 2	08/08/2033	11	\$720,207,000	\$1,552,706,711	\$700,000,000
Peach Bottom Atomic Power Station, Unit 3	07/02/2034	12	\$744,273,000	\$1,654,222,292	\$700,000,000
Perry Nuclear Power Plant, Unit 1	03/18/2026	4	\$514,936,901	\$549,489,829	\$1,000,000,000

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Point Beach Nuclear Plant, Unit 1	10/05/2030	8	\$514,134,946	\$601,256,738	\$5
Point Beach Nuclear Plant, Unit 2	03/08/2033	11	\$484,433,924	\$594,553,319	\$5
Prairie Island Nuclear Generating Plant, Unit 1	08/09/2033	11	\$592,907,303	\$859,225,130	\$4
Prairie Island Nuclear Generating Plant, Unit 2	10/29/2034	12	\$573,276,420	\$871,599,513	\$4
Quad Cities Station, Unit 1	12/14/2032	10	\$880,874,112	\$1,073,933,079	\$6
Quad Cities Station, Unit 2	12/14/2032	10	\$950,085,735	\$1,158,313,639	\$6
River Bend Station, Unit 1	08/29/2045	23	\$1,112,200,000	\$1,750,226,956	\$6
Robinson (H.B.) Steam Electric Plant, Unit 2	07/31/2030	8	\$833,889,101	\$970,334,482	\$5
Salem Nuclear Generating Station, Unit 1	08/13/2036	14	\$773,868,000	\$1,076,844,484	\$6
Salem Nuclear Generating Station, Unit 2	04/18/2040	18	\$648,321,000	\$985,864,134	\$6
Seabrook Station, Unit 1	03/15/2050	28	\$967,613,969	\$1,667,998,281	\$5
Sequoyah Nuclear Plant, Unit 1	09/17/2040	18	\$300,413,735	\$728,375,566	\$5
Sequoyah Nuclear Plant, Unit 2	09/15/2041	19	\$286,188,237	\$729,385,245	\$5
Shearon Harris Nuclear Power Plant, Unit 1	10/24/2046	24	\$730,182,602	\$1,175,635,966	\$5
South Texas Project, Unit 1	08/20/2047	25	\$554,422,175	\$1,002,761,532	\$4
South Texas Project, Unit 2	12/15/2048	26	\$677,726,664	\$1,235,410,667	\$4
St. Lucie Plant, Unit 1	03/01/2036	14	\$1,457,588,874	\$1,899,447,446	\$5
St. Lucie Plant, Unit 2	04/06/2043	21	\$1,388,144,476	\$2,084,014,538	\$5
Summer (Virgil C.) Nuclear Station, Unit 1	08/06/2042	20	\$349,866,670	\$570,058,863	\$5
Surry Power Station, Unit 1	05/25/2032	10	\$651,200,000	\$786,028,757	\$5
Surry Power Station, Unit 2	01/29/2033	11	\$645,100,000	\$789,108,748	\$5
Susquehanna Steam Electric Station, Unit 1	07/17/2042	20	\$758,211,638	\$1,121,366,368	\$7
Susquehanna Steam Electric Station, Unit 2	03/23/2044	22	\$832,609,713	\$1,273,101,371	\$7
Turkey Point Nuclear Generating, Unit 3	07/19/2032	10	\$1,203,558,713	\$1,457,598,012	\$5
Turkey Point Nuclear Generating, Unit 4	04/10/2033	11	\$1,359,586,593	\$1,671,422,923	\$5
Vogtle Electric Generating Plant, Unit 1	01/16/2047	25	\$418,726,803	\$725,157,805	\$5
Vogtle Electric Generating Plant, Unit 2	02/09/2049	27	\$425,584,777	\$759,351,689	\$5
Vogtle Electric Generating Plant, Unit 3	08/03/2062	40	\$9,431,382	\$1,067,426,043	\$5
Waterford Steam Electric Station, Unit 3	12/18/2044	22	\$666,300,000	\$1,032,469,186	\$5
Watts Bar Nuclear Plant, Unit 1	11/09/2035	13	\$380,731,852	\$725,301,115	\$5
Watts Bar Nuclear Plant, Unit 2	10/21/2055	33	\$143,853,345	\$740,296,174	\$5
Wolf Creek Generating Station, Unit 1	03/11/2045	23	\$686,710,000	\$1,339,714,753	\$5

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