

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

Table 1

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 Balance¹ Before Decommissioning (2022\$)	NRC Minimum² or Site-Specific Cost Estimate (SSCE³) (2022\$)
Arkansas Nuclear One, Unit 1	05/20/2034	12	\$659,100,000	\$828,004,455	\$530,176,128
Arkansas Nuclear One, Unit 2	07/17/2038	16	\$540,700,000	\$738,242,107	\$552,070,153
Beaver Valley Power Station, Unit 1	01/29/2036	14	\$288,058,748	\$379,225,535	\$872,619,485 (SSCE)
Beaver Valley Power Station, Unit 2	05/27/2047	25	\$388,611,909	\$633,023,802	\$569,815,564
Braidwood Station, Unit 1	07/29/2046	24	\$430,296,000	\$692,801,297	\$580,676,723
Braidwood Station, Unit 2	10/17/2047	25	\$463,854,000	\$763,175,764	\$580,676,723
Browns Ferry Nuclear Plant, Unit 1	12/20/2033	11	\$543,259,493	\$936,628,217	\$692,985,483
Browns Ferry Nuclear Plant, Unit 2	06/28/2034	12	\$529,486,867	\$939,843,867	\$692,985,483
Browns Ferry Nuclear Plant, Unit 3	07/02/2036	14	\$480,017,300	\$945,371,337	\$692,985,483
Brunswick Steam Electric Plant, Unit 1	09/08/2036	14	\$740,522,636	\$974,697,620	\$668,895,254
Brunswick Steam Electric Plant, Unit 2	12/27/2034	12	\$825,393,586	\$1,047,325,750	\$668,895,254
Byron Nuclear Generating Station, Unit 1	09/16/2044	22	\$470,127,000	\$726,065,894	\$580,676,723
Byron Nuclear Generating Station, Unit 2	08/02/2046	24	\$453,750,000	\$728,134,448	\$580,676,723
Callaway Plant, Unit 1	10/18/2044	22	\$875,356,047	\$2,562,142,435	\$580,676,723
Calvert Cliffs Nuclear Power Plant, Unit 1	07/31/2034	12	\$479,206,000	\$604,018,238	\$538,254,927
Calvert Cliffs Nuclear Power Plant, Unit 2	08/13/2036	14	\$619,939,000	\$814,624,193	\$538,254,927
Catawba Nuclear Station, Unit 1	12/05/2043	21	\$553,088,254	\$933,731,305	\$578,606,858
Catawba Nuclear Station, Unit 2	12/05/2043	21	\$579,664,679	\$1,016,007,756	\$578,606,858
Clinton Power Station, Unit 1	09/29/2026	4	\$634,478,000	\$681,577,268	\$706,219,938
Columbia Generating Station	12/20/2043	21	\$376,100,000	\$622,209,651	\$739,273,746
Comanche Peak Nuclear Power Plant, Unit 1	02/08/2030	8	\$732,433,791	\$951,420,555	\$407,274,158
Comanche Peak Nuclear Power Plant, Unit 2	02/02/2033	11	\$783,446,457	\$1,020,176,348	\$407,274,158
Cooper Nuclear Station	01/18/2034	12	\$602,452,825	\$917,220,196	\$751,815,925
Davis-Besse Nuclear Power Station, Unit 1	04/22/2037	15	\$563,595,446	\$848,992,452	\$750,518,831
Diablo Canyon Power Plant, Unit 1	11/02/2024	2	\$1,425,911,339	\$1,428,547,991	\$1,324,745,921 (SSCE)
Diablo Canyon Power Plant, Unit 2	08/26/2025	3	\$1,869,561,203	\$1,813,953,629	\$1,218,843,577 (SSCE)
Donald C. Cook Nuclear Power Plant, Unit 1	10/25/2034	12	\$882,504,898	\$1,117,929,958	\$575,562,344
Donald C. Cook Nuclear Power Plant, Unit 2	12/23/2037	15	\$802,765,742	\$1,081,547,258	\$580,676,723
Dresden Nuclear Power Station, Unit 2	12/22/2029	7	\$869,029,000	\$997,841,733	\$683,270,406
Dresden Nuclear Power Station, Unit 3	01/12/2031	9	\$891,049,000	\$1,047,258,959	\$683,270,406
Farley (Joseph M.) Nuclear Plant, Unit 1	06/25/2037	15	\$569,506,402	\$826,143,646	\$540,071,462
Farley (Joseph M.) Nuclear Plant, Unit 2	03/31/2041	19	\$555,749,283	\$885,940,670	\$540,071,462

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 10 CFR 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 resources to fund 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 SSCEs.

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Plant Name	Expected Shutdown Date as of 3/31/2021	Approx. No. of Years Remaining Before Expected Shutdown	Decommissioning Trust Fund (DTF) Balance (As of 12/31/22)	Projected DTF Balance ¹ Before Decommissioning (2020\$)	NRC Minimum ² or Site-Specific Cost Estimate (SSCE ³) (2020\$)
Fermi, Unit 2	03/20/2045	23	\$1,692,000,000	\$2,639,371,549	\$1,348,868,538
Fitzpatrick (James A.) Nuclear Power Plant	10/17/2034	12	\$876,142,000	\$1,109,869,635	\$681,004,651
Ginna (Robert E.) Nuclear Power Plant	09/18/2029	7	\$573,644,000	\$656,482,883	\$513,695,646
Grand Gulf Nuclear Station, Unit 1	11/01/2044	22	\$1,249,400,000	\$1,972,358,381	\$692,985,483
Hatch (Edwin I.) Nuclear Plant, Unit 1	08/06/2034	12	\$661,921,049	\$852,451,210	\$663,397,569
Hatch (Edwin I.) Nuclear Plant, Unit 2	06/13/2038	16	\$596,467,048	\$821,785,297	\$663,397,569
Hope Creek Generating Station, Unit 1	04/11/2046	24	\$626,865,000	\$999,254,415	\$821,550,978
LaSalle County Station, Unit 1	04/17/2042	20	\$637,702,000	\$938,437,156	\$706,219,938
LaSalle County Station, Unit 2	12/16/2043	21	\$635,202,000	\$964,807,083	\$706,219,938
Limerick Generating Station, Unit 1	10/26/2044	22	\$555,435,000	\$1,068,417,865	\$724,907,178
Limerick Generating Station, Unit 2	06/22/2049	27	\$592,050,000	\$1,309,759,739	\$724,907,178
McGuire Nuclear Station, Unit 1	03/03/2041	19	\$721,622,463	\$1,039,191,482	\$570,383,258
McGuire Nuclear Station, Unit 2	03/03/2043	21	\$789,394,603	\$1,183,142,367	\$570,383,258
Millstone Power Station, Unit 2	07/31/2035	13	\$928,500,000	\$1,193,956,138	\$567,573,573
Millstone Power Station, Unit 3	11/25/2045	23	\$973,200,000	\$1,538,466,506	\$603,434,843
Monticello Nuclear Generating Plant, Unit 1	09/08/2030	8	\$800,341,944	\$972,624,103	\$638,401,899
Nine Mile Point Nuclear Station, Unit 1	08/22/2029	7	\$770,145,000	\$879,893,744	\$647,852,230
Nine Mile Point Nuclear Station, Unit 2	10/31/2046	24	\$623,088,000	\$1,003,207,500	\$724,907,178
North Anna Power Station, Unit 1	04/01/2038	16	\$596,840,000	\$810,831,663	\$547,959,048
North Anna Power Station, Unit 2	08/21/2040	18	\$567,000,000	\$807,060,408	\$547,959,048
Oconee Nuclear Station, Unit 1	02/06/2033	11	\$606,808,362	\$743,506,200	\$537,820,034
Oconee Nuclear Station, Unit 2	10/06/2033	11	\$601,786,682	\$747,242,187	\$537,820,034
Oconee Nuclear Station, Unit 3	07/19/2034	12	\$780,933,549	\$984,332,638	\$537,820,034
Palo Verde Nuclear Generating Station, Unit 1	06/01/2045	23	\$1,278,852,000	\$2,004,888,035	\$588,010,868
Palo Verde Nuclear Generating Station, Unit 2	04/24/2046	24	\$1,228,502,000	\$1,958,294,126	\$588,010,868
Palo Verde Nuclear Generating Station, Unit 3	11/25/2047	25	\$1,339,938,000	\$2,204,590,684	\$588,010,868
Peach Bottom Atomic Power Station, Unit 2	08/08/2033	11	\$720,207,000	\$1,552,706,711	\$724,907,178
Peach Bottom Atomic Power Station, Unit 3	07/02/2034	12	\$744,273,000	\$1,654,222,292	\$724,907,178
Perry Nuclear Power Plant, Unit 1	03/18/2026	4	\$514,936,901	\$549,489,829	\$1,001,954,000 (SSCE)

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Point Beach Nuclear Plant, Unit 1	10/05/2030	8	\$514,134,946	\$601,256,738	\$502,368,320
Point Beach Nuclear Plant, Unit 2	03/08/2033	11	\$484,433,924	\$594,553,319	\$502,368,320
Prairie Island Nuclear Generating Plant, Unit 1	08/09/2033	11	\$592,907,303	\$859,225,130	\$496,382,372
Prairie Island Nuclear Generating Plant, Unit 2	10/29/2034	12	\$573,276,420	\$871,599,513	\$496,382,372
Quad Cities Station, Unit 1	12/14/2032	10	\$880,874,112	\$1,073,933,079	\$653,171,547
Quad Cities Station, Unit 2	12/14/2032	10	\$950,085,735	\$1,158,313,639	\$683,270,406
River Bend Station, Unit 1	08/29/2045	23	\$1,112,200,000	\$1,750,226,956	\$676,656,692
Robinson (H.B.) Steam Electric Plant, Unit 2	07/31/2030	8	\$833,889,101	\$970,334,482	\$526,715,191
Salem Nuclear Generating Station, Unit 1	08/13/2036	14	\$773,868,000	\$1,076,844,484	\$603,434,843
Salem Nuclear Generating Station, Unit 2	04/18/2040	18	\$648,321,000	\$985,864,134	\$603,434,843
Seabrook Station, Unit 1	03/15/2050	28	\$967,613,969	\$1,667,998,281	\$595,211,243
Sequoyah Nuclear Plant, Unit 1	09/17/2040	18	\$300,413,735	\$728,375,566	\$570,383,258
Sequoyah Nuclear Plant, Unit 2	09/15/2041	19	\$286,188,237	\$729,385,245	\$570,383,258
Shearon Harris Nuclear Power Plant, Unit 1	10/24/2046	24	\$730,182,602	\$1,175,635,966	\$548,341,476
South Texas Project, Unit 1	08/20/2047	25	\$554,422,175	\$1,002,761,532	\$407,274,158
South Texas Project, Unit 2	12/15/2048	26	\$677,726,664	\$1,235,410,667	\$407,274,158
St. Lucie Plant, Unit 1	03/01/2036	14	\$1,457,588,874	\$1,899,447,446	\$551,783,332
St. Lucie Plant, Unit 2	04/06/2043	21	\$1,388,144,476	\$2,084,014,538	\$551,783,332
Summer (Virgil C.) Nuclear Station, Unit 1	08/06/2042	20	\$349,866,670	\$570,058,863	\$553,919,631
Surry Power Station, Unit 1	05/25/2032	10	\$651,200,000	\$786,028,757	\$531,084,395
Surry Power Station, Unit 2	01/29/2033	11	\$645,100,000	\$789,108,748	\$531,084,395
Susquehanna Steam Electric Station, Unit 1	07/17/2042	20	\$758,211,638	\$1,121,366,368	\$724,907,178
Susquehanna Steam Electric Station, Unit 2	03/23/2044	22	\$832,609,713	\$1,273,101,371	\$724,907,178
Turkey Point Nuclear Generating, Unit 3	07/19/2032	10	\$1,203,558,713	\$1,457,598,012	\$533,809,197
Turkey Point Nuclear Generating, Unit 4	04/10/2033	11	\$1,359,586,593	\$1,671,422,923	\$533,809,197
Vogtle Electric Generating Plant, Unit 1	01/16/2047	25	\$418,726,803	\$725,157,805	\$570,383,258
Vogtle Electric Generating Plant, Unit 2	02/09/2049	27	\$425,584,777	\$759,351,689	\$570,383,258
Vogtle Electric Generating Plant, Unit 3	08/03/2062	40	\$9,431,382	\$1,067,426,043	\$570,383,258
Waterford Steam Electric Station, Unit 3	12/18/2044	22	\$666,300,000	\$1,032,469,186	\$570,383,258
Watts Bar Nuclear Plant, Unit 1	11/09/2035	13	\$380,731,852	\$725,301,115	\$570,383,258
Watts Bar Nuclear Plant, Unit 2	10/21/2055	33	\$143,853,345	\$740,296,174	\$570,383,258
Wolf Creek Generating Station, Unit 1	03/11/2045	23	\$686,710,000	\$1,339,714,753	\$580,676,723

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