

2021 DECOMMISSIONING FUNDING STATUS REPORT
for Operating Power Reactor Licensees (December 31, 2020)

TABLE 1

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 12/31/20)¹	Projected DTF Balance² Before Decommissioning (2020\$)	NRC Minimum³ or Site-Specific Cost Estimate (SSCE)⁴ (2020\$)
Arkansas Nuclear One, Unit 1	05/20/2034	14	\$702,400,000	\$918,381,620	\$478,289,367
Arkansas Nuclear One, Unit 2	07/17/2038	18	\$571,600,000	\$812,254,230	\$498,040,690
Beaver Valley Power Station, Unit 1	01/29/2036	16	\$308,210,548	\$325,622,054	\$776,588,821 (SSCE)
Beaver Valley Power Station, Unit 2	05/27/2047	27	\$423,447,839	\$717,895,406	\$515,622,884
Braidwood Station, Unit 1	07/29/2046	26	\$433,424,000	\$726,292,664	\$523,784,851
Braidwood Station, Unit 2	10/17/2047	27	\$467,982,000	\$801,363,822	\$523,784,851
Browns Ferry Nuclear Plant, Unit 1	12/20/2033	13	\$508,548,717	\$968,794,572	\$663,251,591
Browns Ferry Nuclear Plant, Unit 2	06/28/2034	14	\$495,656,073	\$972,120,657	\$663,251,591
Browns Ferry Nuclear Plant, Unit 3	07/02/2036	16	\$449,347,292	\$977,837,954	\$663,251,591
Brunswick Steam Electric Plant, Unit 1	09/08/2036	16	\$763,186,355	\$1,045,489,037	\$640,195,000
Brunswick Steam Electric Plant, Unit 2	12/27/2034	14	\$848,948,764	\$1,121,139,079	\$640,195,000
Byron Nuclear Generating Station, Unit 1	09/16/2044	24	\$475,341,000	\$764,052,915	\$523,784,851
Byron Nuclear Generating Station, Unit 2	08/02/2046	26	\$458,906,000	\$766,436,175	\$523,784,851
Callaway Plant, Unit 1	10/18/2044	24	\$877,602,879	\$2,822,411,294	\$523,784,851
Calvert Cliffs Nuclear Power Plant, Unit 1	07/31/2034	14	\$491,849,000	\$645,233,514	\$485,577,519
Calvert Cliffs Nuclear Power Plant, Unit 2	08/13/2036	16	\$636,843,000	\$870,959,667	\$485,577,519
Catawba Nuclear Station, Unit 1	12/05/2043	23	\$567,911,540	\$1,037,855,497	\$488,828,146
Catawba Nuclear Station, Unit 2	12/05/2043	23	\$587,885,961	\$1,077,393,789	\$488,828,146
Clinton Power Station, Unit 1	09/29/2026	6	\$650,757,000	\$727,569,855	\$675,110,126
Columbia Generating Station	12/20/2043	23	\$375,700,000	\$774,735,414	\$579,297,521
Comanche Peak Nuclear Power Plant, Unit 1	02/08/2030	10	\$718,198,365	\$1,001,730,902	\$404,767,246
Comanche Peak Nuclear Power Plant, Unit 2	02/02/2033	13	\$789,319,181	\$1,080,320,123	\$404,767,246
Cooper Nuclear Station	01/18/2034	14	\$706,200,165	\$917,220,196	\$628,957,597
Davis-Besse Nuclear Power Station, Unit 1	04/22/2037	17	\$612,565,300	\$848,992,452	\$497,793,150
Diablo Canyon Power Plant, Unit 1	11/02/2024	4	\$1,521,474,522	\$2,862,311,610	\$1,691,274,936 (SSCE)
Diablo Canyon Power Plant, Unit 2	08/26/2025	5	\$1,994,578,104	\$3,125,576,913	\$1,688,731,286 (SSCE)
Donald C. Cook Nuclear Power Plant, Unit 1	10/25/2034	14	\$869,981,945	\$1,166,462,987	\$519,171,554
Donald C. Cook Nuclear Power Plant, Unit 2	12/23/2037	17	\$791,948,450	\$1,135,001,743	\$523,784,851
Dresden Nuclear Power Station, Unit 2	12/22/2029	9	\$876,248,000	\$1,047,156,886	\$653,171,547
Dresden Nuclear Power Station, Unit 3	01/12/2031	11	\$895,711,000	\$1,095,644,836	\$653,171,547
Farley (Joseph M.) Nuclear Plant, Unit 1	06/25/2037	17	\$586,818,442	\$895,548,796	\$487,216,275
Farley (Joseph M.) Nuclear Plant, Unit 2	03/31/2041	21	\$568,954,712	\$954,037,703	\$487,216,275

¹ The staff has provided the projected DTF balance before decommissioning along with the NRC minimum calculated per 10 CFR 50.75(c) or the SSCE (if available) in these tables.

Note that a projected DTF balance less than the NRC minimum or SSCE does not necessarily indicate a shortfall, as the staff also considers several other factors, including the withdrawal rate from the DTF during decommissioning and growth of the funds over time.

² Includes growth from earnings and contributions.

³ Derived from minimum formula at 10 CFR 50.75(c). Incorporates labor, energy, and low-level waste burial escalation factors.

⁴ Six 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 12/31/20) ¹	Projected DTF Balance ² Before Decommissioning (2020\$)	NRC Minimum ³ or Site-Specific Cost Estimate (SSCE) ⁴ (2020\$)
Fermi, Unit 2	03/20/2045	25	\$1,730,000,000	\$2,808,688,617	\$1,147,043,126
Fitzpatrick (James A.) Nuclear Power Plant	10/17/2034	14	\$918,408,000	\$1,210,850,280	\$652,121,874
Ginna (Robert E.) Nuclear Power Plant	09/18/2029	9	\$575,950,000	\$685,998,321	\$445,374,024
Grand Gulf Nuclear Station, Unit 1	11/01/2044	24	\$1,318,300,000	\$2,654,662,777	\$640,490,996
Hatch (Edwin I.) Nuclear Plant, Unit 1	08/06/2034	14	\$728,642,312	\$957,464,615	\$634,933,204
Hatch (Edwin I.) Nuclear Plant, Unit 2	06/13/2038	18	\$656,123,421	\$939,075,136	\$634,933,204
Hope Creek Generating Station, Unit 1	04/11/2046	26	\$709,710,000	\$1,177,444,097	\$695,201,906
Indian Point Nuclear Generating, Unit 2	04/30/2020	0	\$793,730,000	\$793,730,000	\$657,847,000 (SSCE)*
Indian Point Nuclear Generating, Unit 3	04/30/2021	1	\$990,700,000	\$997,321,197	\$954,438,000 (SSCE)*
LaSalle County Station, Unit 1	04/17/2042	22	\$641,347,000	\$982,285,656	\$675,110,126
LaSalle County Station, Unit 2	12/16/2043	23	\$640,703,000	\$1,012,844,334	\$675,110,126
Limerick Generating Station, Unit 1	10/26/2044	24	\$562,780,000	\$1,149,401,355	\$694,162,406
Limerick Generating Station, Unit 2	06/22/2049	29	\$601,050,000	\$1,411,186,431	\$694,162,406
McGuire Nuclear Station, Unit 1	03/03/2041	21	\$753,663,417	\$1,129,588,568	\$514,561,546
McGuire Nuclear Station, Unit 2	03/03/2043	23	\$824,753,311	\$1,286,542,804	\$514,561,546
Millstone Power Station, Unit 2	07/31/2035	15	\$939,700,000	\$1,257,630,352	\$482,390,766
Millstone Power Station, Unit 3	11/25/2045	25	\$971,700,000	\$1,598,731,260	\$512,869,891
Monticello Nuclear Generating Plant, Unit 1	09/08/2030	10	\$761,345,175	\$938,998,846	\$610,279,550
Nine Mile Point Nuclear Station, Unit 1	08/22/2029	9	\$788,530,000	\$937,633,832	\$620,375,513
Nine Mile Point Nuclear Station, Unit 2	10/31/2046	26	\$629,916,000	\$1,055,556,153	\$694,162,406
North Anna Power Station, Unit 1	04/01/2038	18	\$587,040,000	\$830,037,648	\$494,331,926
North Anna Power Station, Unit 2	08/21/2040	20	\$559,430,000	\$828,754,795	\$494,331,926
Oconee Nuclear Station, Unit 1	02/06/2033	13	\$629,905,135	\$804,253,603	\$454,369,952
Oconee Nuclear Station, Unit 2	10/06/2033	13	\$625,516,804	\$809,415,516	\$454,369,952
Oconee Nuclear Station, Unit 3	07/19/2034	14	\$815,010,832	\$1,070,625,141	\$454,369,952
Palisades Nuclear Plant	05/31/2022	2	\$553,840,000	\$569,743,116	\$486,748,373
Palo Verde Nuclear Generating Station, Unit 1	06/01/2045	25	\$1,344,394,000	\$2,193,581,231	\$530,321,836
Palo Verde Nuclear Generating Station, Unit 2	04/24/2046	26	\$1,339,614,000	\$2,222,486,082	\$530,321,836
Palo Verde Nuclear Generating Station, Unit 3	11/25/2047	27	\$1,412,165,000	\$2,418,165,531	\$530,321,836
Peach Bottom Atomic Power Station, Unit 2	08/08/2033	13	\$764,215,000	\$1,720,391,139	\$694,162,406
Peach Bottom Atomic Power Station, Unit 3	07/02/2034	14	\$789,842,000	\$1,832,871,819	\$694,162,406
Perry Nuclear Power Plant, Unit 1	03/18/2026	6	\$566,802,560	\$629,498,595	\$1,225,848,583 (SSCE)

1 The staff has provided the projected DTF balance before decommissioning along with the NRC minimum calculated per 10 CFR 50.75(c) or the SSCE (if available) in these tables.

Note that a projected DTF balance less than the NRC minimum or SSCE does not necessarily indicate a shortfall, as the staff also considers several other factors, including the withdrawal rate from the DTF during decommissioning and growth of the funds over time.

2 Includes growth from earnings and contributions.

3 Derived from minimum formula at 10 CFR 50.75(c). Incorporates labor, energy, and low-level waste burial escalation factors.

4 Six licensees provided SSCEs.

* Indian Point Unit 2 and 3 SSCEs include radiological decommissioning and spent fuel management expenses.

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Point Beach Nuclear Plant, Unit 1	10/05/2030	10	\$527,719,591	\$642,308,055	\$453,148,722
Point Beach Nuclear Plant, Unit 2	03/08/2033	13	\$496,953,619	\$634,789,063	\$453,148,722
Prairie Island Nuclear Generating Plant, Unit 1	08/09/2033	13	\$603,267,045	\$777,359,410	\$447,749,249
Prairie Island Nuclear Generating Plant, Unit 2	10/29/2034	14	\$585,378,397	\$773,067,410	\$447,749,249
Quad Cities Station, Unit 1	12/14/2032	12	\$891,152,229	\$1,141,511,570	\$653,171,547
Quad Cities Station, Unit 2	12/14/2032	12	\$960,044,555	\$1,228,927,692	\$653,171,547
River Bend Station, Unit 1	08/29/2045	25	\$1,112,200,000	\$2,013,019,849	\$647,623,418
Robinson (H.B.) Steam Electric Plant, Unit 2	07/31/2030	10	\$866,686,974	\$1,049,621,591	\$444,988,176
Salem Nuclear Generating Station, Unit 1	08/13/2036	16	\$825,873,000	\$1,202,574,537	\$512,869,891
Salem Nuclear Generating Station, Unit 2	04/18/2040	20	\$699,396,000	\$1,111,392,199	\$512,869,891
Seabrook Station, Unit 1	03/15/2050	30	\$966,641,207	\$1,734,267,530	\$538,603,291
Sequoyah Nuclear Plant, Unit 1	09/17/2040	20	\$281,219,236	\$753,389,961	\$514,561,546
Sequoyah Nuclear Plant, Unit 2	09/15/2041	21	\$267,902,656	\$754,434,316	\$514,561,546
Shearon Harris Nuclear Power Plant, Unit 1	10/24/2046	26	\$754,010,373	\$1,263,502,258	\$494,676,928
South Texas Project, Unit 1	08/20/2047	27	\$583,269,446	\$1,066,592,777	\$404,767,246
South Texas Project, Unit 2	12/15/2048	28	\$712,993,806	\$1,327,641,137	\$404,767,246
St. Lucie Plant, Unit 1	03/01/2036	16	\$1,464,701,756	\$1,986,546,606	\$497,781,939
St. Lucie Plant, Unit 2	04/06/2043	23	\$1,401,290,245	\$2,189,532,987	\$497,781,939
Summer (Virgil C.) Nuclear Station, Unit 1	08/06/2042	22	\$366,031,422	\$633,051,518	\$467,971,477
Surry Power Station, Unit 1	05/25/2032	14	\$617,000,000	\$775,115,686	\$479,108,745
Surry Power Station, Unit 2	01/29/2033	15	\$618,400,000	\$787,293,409	\$479,108,745
Susquehanna Steam Electric Station, Unit 1	07/17/2042	22	\$790,629,575	\$1,216,991,249	\$694,162,406
Susquehanna Steam Electric Station, Unit 2	03/23/2044	24	\$869,742,620	\$1,384,106,742	\$694,162,406
Turkey Point Nuclear Generating, Unit 3	07/19/2032	12	\$1,193,964,514	\$1,504,940,134	\$481,566,880
Turkey Point Nuclear Generating, Unit 4	04/10/2033	13	\$1,352,251,030	\$1,730,191,287	\$481,566,880
Vogtle Electric Generating Plant, Unit 1	01/16/2047	27	\$457,854,661	\$787,585,447	\$514,561,546
Vogtle Electric Generating Plant, Unit 2	02/09/2049	29	\$458,952,076	\$822,905,677	\$514,561,546
Waterford Steam Electric Station, Unit 3	12/18/2044	24	\$681,800,000	\$1,241,597,873	\$514,561,546
Watts Bar Nuclear Plant, Unit 1	11/09/2035	15	\$356,405,544	\$750,209,925	\$514,561,546
Watts Bar Nuclear Plant, Unit 2	10/21/2055	35	\$134,662,044	\$765,719,951	\$514,561,546
Wolf Creek Generating Station, Unit 1	03/11/2045	25	\$687,520,000	\$1,867,095,283	\$523,784,851

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