



Approved Power Uprates (1977-2004)^{1 2}

#	PLANT	%	MWt	APPROVE D	TYPE ³	~MWe ⁴
1	Calvert Cliffs 1	5.5	140	1977	S	46.7
2	Calvert Cliffs 2	5.5	140	1977	S	46.7
3	Millstone 2	5.0	140	1979	S	46.7
4	H. B. Robinson	4.5	100	1979	S	33.3
5	Fort Calhoun	5.6	80	1980	S	26.7
6	St. Lucie 1	5.5	140	1981	S	46.7
7	St. Lucie 2	5.5	140	1985	S	46.7
8	Duane Arnold	4.1	65	1985	S	21.7
9	Salem 1	2.0	73	1986	S	24.3
10	North Anna 1	4.2	118	1986	S	39.3
11	North Anna 2	4.2	118	1986	S	39.3
12	Calloway	4.5	154	1988	S	51.3
13	TMI-1	1.3	33	1988	S	11.0
14	Fermi 2	4.0	137	1992	S	45.7
15	Vogtle 1	4.5	154	1993	S	51.3
16	Vogtle 2	4.5	154	1993	S	51.3
17	Wolf Creek	4.5	154	1993	S	51.3
18	Susquehanna 2	4.5	148	1994	S	49.3
19	Peach Bottom 2	5.0	165	1994	S	55.0
20	Limerick 2	5.0	165	1995	S	55.0
21	Susquehanna 1	4.5	148	1995	S	49.3
22	NMP2	4.3	144	1995	S	48.0
23	WNP2	4.9	163	1995	S	54.3
24	Peach Bottom 3	5.0	165	1995	S	55.0
25	Surry 1	4.3	105	1995	S	35.0
26	Surry 2	4.3	105	1995	S	35.0
27	Hatch 1	5.0	122	1995	S	40.7
28	Hatch 2	5.0	122	1995	S	40.7
29	Limerick 1	5.0	165	1996	S	55.0

¹ Data updated through March 2004 by NEI.

² Capacity Recapture Power Uprates for Provisional Operating License Plants are not included in this table. These are Haddam Neck uprate of 24% in 1969, Oyster Creek uprate of 14% in 1971, Palisades uprate of 15% in 1977, Ginna uprate of 17% in 1984, Maine Yankee uprate of 10% in 1989, and Indian Point 2 uprate of 11% in 1990.

³ TYPE-- S = Stretch; E = Extended; MU = Measurement Uncertainty Recapture

⁴ MWe is an NEI estimate (roughly 1/3rd of the MWt capacity increase).

30	Summer	4.5	125	1996	S	41.7
31	Palo Verde 1	2.0	76	1996	S	25.3
32	Palo Verde 2	2.0	76	1996	S	25.3
33	Palo Verde 3	2.0	76	1996	S	25.3
34	Turkey Point 3	4.5	100	1996	S	33.3
35	Turkey Point 4	4.5	100	1996	S	33.3
36	Brunswick 1	5.0	122	1996	S	40.7
37	Brunswick 2	5.0	122	1996	S	40.7
38	Fitzpatrick	4.0	100	1996	S	33.3
39	Farley 1	5.0	138	1998	S	46.0
40	Farley 2	5.0	138	1998	S	46.0
41	Browns Ferry 2	5.0	164	1998	S	54.7
42	Browns Ferry 3	5.0	164	1998	S	54.7
43	Monticello	6.3	105	1998	E	35.0
44	Hatch 1	8.0	205	1998	E	68.3
45	Hatch 2	8.0	205	1998	E	68.3
46	Comanche Peak 2	1.0	34	1999	MU	11.3
47	LaSalle 1	5.0	166	2000	S	55.3
48	LaSalle 2	5.0	166	2000	S	55.3
49	Perry	5.0	178	2000	S	59.3
50	River Bend	5.0	145	2000	S	48.3
51	Diablo Canyon 1	2.0	73	2000	S	24.3
52	Watts Bar	1.4	48	2001	MU	16.0
53	Byron 1	5.0	170	2001	S	56.7
54	Byron 2	5.0	170	2001	S	56.7
55	Braidwood 1	5.0	170	2001	S	56.7
56	Braidwood 2	5.0	170	2001	S	56.7
57	Salem 1	1.4	48	2001	MU	16.0
58	Salem 2	1.4	48	2001	MU	16.0
59	San Onofre 2	1.4	48	2001	MU	16.0
60	San Onofre 3	1.4	48	2001	MU	16.0
61	Susquehanna 1	1.4	48	2001	MU	16.0
62	Susquehanna 2	1.4	48	2001	MU	16.0
63	Hope Creek	1.4	46	2001	MU	15.3
64	Beaver Valley 1	1.4	37	2001	MU	12.3
65	Beaver Valley 2	1.4	37	2001	MU	12.3
66	Shearon Harris	4.5	138	2001	S	46.0
67	Comanche Peak 1	1.4	47	2001	MU	15.7
68	Comanche Peak 2	0.4	13	2001	MU	4.3
69	Duane Arnold	15.3	248	2001	E	82.7
70	Dresden 2	17.0	430	2001	E	143.3
71	Dresden 3	17.0	430	2001	E	143.3
72	Quad Cities 1	17.8	446	2001	E	148.7
73	Quad Cities	17.8	446	2001	E	148.7
74	Waterford	1.5	51	2002	MU	17.0
75	Clinton	20.0	579	2002	E	193.0
76	South Texas 1	1.4	53	2002	MU	17.7
77	South Texas 2	1.4	53	2002	MU	17.7
78	ANO 2	7.5	211	2002	E	70.3

79	Sequoyah 1	1.3	44	2002	MU	14.7
80	Sequoyah 2	1.3	44	2002	MU	14.7
81	Brunswick 1	15.0	365	2002	E	121.7
82	Brunswick 2	15.0	365	2002	E	121.7
83	Grand Gulf	1.7	65	2002	MU	21.7
84	H.B. Robinson	1.7	39	2002	MU	12
85	Peach Bottom 2	1.62	56	2002	MU	17
86	Peach Bottom 3	1.62	56	2002	MU	17
87	Indian Point 3	1.4	42.4	2002	MU	14
88	Point Beach 1	1.4	21.5	2002	MU	7.2
89	Point Beach 2	1.4	21.5	2002	MU	7.2
90	Crystal River 3	0.9	24	2002	S	8
91	DC Cook 1	1.66	54	2002	MU	18
92	River Bend	1.7	52	2003	MU	17.3
93	DC Cook 2	1.66	57	2003	MU	18
94	Pilgrim	1.5	30	2003	MU	10.0
95	Indian Point 2	1.4	43	2003	MU	14.1
96	Kewaunee	1.4	23	2003	MU	7.7
97	Hatch 1	1.5	41	2003	MU	13.7
98	Hatch 2	1.5	41	2003	MU	13.7
99	Palo Verde 2	2.9	114	2003	S	38.0
100	Fort Calhoun	1.6	24	2004	MU	8
101	Kewaunee	6.0	99	2004	S	33.0
102	Palisades	1.4	35	2004	MU	11.7
	Totals		12,572			4185.5

Source: Nuclear Regulatory Commission (NRC); SECY 04-104 *Status Report On Power Uprates*
Data updated by NEI October 2004.



Power Uprate Submittals Currently Under NRC Staff Review¹

#	PLANT	%	MWt	SUBMITTAL	PROJECTED	TYPE ²	~MWe ³
				DATE	COMPLETION		
1	Vermont Yankee	20	319	9/10/03	Jan-05	E	106.3
2	Waterford 3	8	275	11/13/03	Jan-05	E	91.7
3	Indian Point 2	3.26	101.6	01/29/04	Oct-04	S	33.9
4	Seabrook	5.2	176	03/17/04	Feb-05	S	58.7
5	Indian Point 3	4.85	148.6	06/03/04	TBD	S	49.5
6	Browns Ferry 2	15	494	06/25/04	TBD	E	164.7
7	Browns Ferry 3	15	494	06/25/04	TBD	E	164.7
8	Browns Ferry 1	20	659	06/28/04	TBD	E	219.7
9	Palo Verde 1	2.94	114	07/09/04	TBD	S	38
10	Palo Verde 3	2.94	114	07/09/04	TBD	S	38
Totals			2895.2				927.1

Source: Nuclear Regulatory Commission (NRC); SECY 04-104 Status Report on Power Uprates
Data updated by NEI October 2004.

¹ July 2001 data updated through December 2001 by NEI.

² TYPE-- S = Stretch; E = Extended; MU = Measurement Uncertainty Recapture

³ MWe is an NEI estimate (roughly 1/3rd of the MWt capacity increase).



EXPECTED POWER UPRATES

Fiscal Year	Total Power Uprates Expected	Measurement Uncertainty Recapture Power Uprates	Stretch Power Uprates	Extended Power Uprates	Megawatts Thermal	Approximate Megawatts Electric
2004	1	1	0	0	24	8
2005	7	3	0	4	1291	430
2006	3	3	0	0	161	54
2007	6	0	1	5	843	281
2008	1	0	0	1	522	174
TOTAL	18	7	1	10	2841	947

Source: NRC - This information is based on a July 2004 survey of NRC licensees and information voluntarily provided by licensees since the survey.

Data updated by NEI July 2004.