

APPENDIX A
U.S. Commercial Nuclear Power Reactors
Operating Reactors

Plant Name, Unit Number Licensee Location Docket Number NRC Web Page Address	NRC Region	Con Type NSSS Architect Engineer Constructor	Licensed MWt	CP Issued OL Issued Comm. Op. LR Issued Exp. Date	2005– 2010** Capacity Factor (Percent)
Arkansas Nuclear One, Unit 1 Entergy Operations, Inc. London, AR (6 miles NW of Russellville, AR) 050-00313 www.nrc.gov/info-finder/reactor/ano1.html	IV	PWR-DRYAMB B&W LLP BECH BECH	2,568	12/06/1968	78
				05/21/1974	102
				12/19/1974	94
				06/20/2001	83
				05/20/2034	99
				90	
Arkansas Nuclear One, Unit 2 Entergy Operations, Inc. London, AR (6 miles NW of Russellville, AR) 050-00368 www.nrc.gov/info-finder/reactor/ano2.html	IV	PWR-DRYAMB CE BECH BECH	3,026	12/06/1972	91
				09/01/1978	91
				03/26/1980	99
				06/30/2005	91
				07/17/2038	90
				97	
Beaver Valley Power Station, Unit 1 FirstEnergy Nuclear Operating Co. Shippingport, PA (17 miles W of McCandless, PA) 050-00334 www.nrc.gov/info-finder/reactor/bv1.html	I	PWR-DRYAMB WEST 3LP S&W S&W	2,900	06/26/1970	101
				07/02/1976	78
				10/01/1976	95
				11/05/2009	101
				01/29/2036	92
				91	
Beaver Valley Power Station, Unit 2 FirstEnergy Nuclear Operating Co. Shippingport, PA (17 miles W of McCandless, PA) 050-00412 www.nrc.gov/info-finder/reactor/bv2.html	I	PWR-DRYAMB WEST 3LP S&W S&W	2,900	05/03/1974	93
				08/14/1987	87
				11/17/1987	103
				11/05/2009	87
				05/27/2047	84
				102	
Braidwood Station, Unit 1 Exelon Generation Co., LLC Braceville, IL (20 miles SW of Joilet, IL) 050-00456 www.nrc.gov/info-finder/reactor/brai1.html	III	PWR-DRYAMB WEST 4LP S&L CWE	3,586.6	12/31/1975	100
				07/02/1987	96
				07/29/1988	92
				N/A	101
				10/17/2026	95
				89	
Braidwood Station, Unit 2 Exelon Generation Co., LLC Braceville, IL (20 miles SW of Joilet, IL) 050-00457 www.nrc.gov/info-finder/reactor/brai2.html	III	PWR-DRYAMB WEST 4LP S&L CWE	3,586.6	12/31/1975	94
				05/20/1988	95
				10/17/1988	100
				N/A	92
				12/18/2027	93
				99	
Browns Ferry Nuclear Plant, Unit 1 Tennessee Valley Authority Limestone County, AL (10 miles S of Athens, AL) 050-00259 www.nrc.gov/info-finder/reactor/bf1.html	II	BWR-MARK 1 GE 4 TVA TVA	3,458	05/10/1967	–
				12/20/1973	–
				08/01/1974	49
				05/04/2006	88
				12/20/2033	94
				86	

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Plant Name, Unit Number Licensee Location Docket Number NRC Web Page Address	NRC Region	Con Type NSSS Architect Engineer Constructor	Licensed MWt	CP Issued OL Issued Comm. Op. LR Issued Exp. Date	2005– 2010** Capacity Factor (Percent)
Browns Ferry Nuclear Plant, Unit 2 Tennessee Valley Authority Limestone County, AL (10 miles S of Athens, AL) 050-00260 www.nrc.gov/info-finder/reactor/bf2.html	II	BWR-MARK 1 GE 4 TVA TVA	3,458	05/10/1967	90
				06/28/1974	94
				03/01/1975	78
				05/04/2006	98
				06/28/2034	94
91					
Browns Ferry Nuclear Plant, Unit 3 Tennessee Valley Authority Limestone County, AL (10 miles S of Athens, AL) 050-00296 www.nrc.gov/info-finder/reactor/bf3.html	II	BWR-MARK 1 GE 4 TVA TVA	3,458	07/31/1968	94
				07/02/1976	89
				03/01/1977	93
				05/04/2006	81
				07/02/2036	95
81					
Brunswick Steam Electric Plant, Unit 1 Carolina Power & Light Co. Southport, NC (30 miles S of Wilmington, NC) 050-00325 www.nrc.gov/info-finder/reactor/bru1.html	II	BWR-MARK 1 GE 4 UE&C BRRT	2,923	02/07/1970	94
				09/08/1976	87
				03/18/1977	96
				06/26/2006	85
				09/08/2036	98
83					
Brunswick Steam Electric Plant, Unit 2 Carolina Power & Light Co. Southport, NC (30 miles S of Wilmington, NC) 050-00324 www.nrc.gov/info-finder/reactor/bru2.html	II	BWR-MARK 1 GE 4 UE&C BRRT	2,923	02/07/1970	86
				12/27/1974	90
				11/03/1975	87
				06/26/2006	95
				12/27/2034	80
99					
Byron Station, Unit 1 Exelon Generation Co., LLC Byron, IL (17 miles SW of Rockford, IL) 050-00454 www.nrc.gov/info-finder/reactor/byro1.html	III	PWR-DRYAMB WEST 4LP S&L CWE	3,586.6	12/31/1975	94
				02/14/1985	91
				09/16/1985	98
				N/A	95
				10/31/2024	94
101					
Byron Station, Unit 2 Exelon Generation Co., LLC Byron, IL (17 miles SW of Rockford, IL) 050-00455 www.nrc.gov/info-finder/reactor/byro2.html	III	PWR-DRYAMB WEST 4LP S&L CWE	3,586.6	12/31/1975	96
				01/30/1987	102
				08/02/1987	89
				N/A	96
				11/06/2026	102
96					
Callaway Plant Union Electric Co. Fulton, MO (25 miles NE of Jefferson City, MO) 050-00483 www.nrc.gov/info-finder/reactor/call.html	IV	PWR-DRYAMB WEST 4LP BECH DANI	3,565	04/16/1976	77
				10/18/1984	97
				12/19/1984	90
				N/A	90
				10/18/2024	98
86					

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Plant Name, Unit Number Licensee Location Docket Number NRC Web Page Address	NRC Region	Con Type NSSS Architect Engineer Constructor	Licensed MВт	CP Issued OL Issued Comm. Op. LR Issued Exp. Date	2005– 2010** Capacity Factor (Percent)
Calvert Cliffs Nuclear Power Plant, Unit 1 Calvert Cliffs Nuclear Power Plant, LLC Lusby, MD (40 miles S of Annapolis, MD) 050-00317 www.nrc.gov/info-finder/reactor/calv1.html	I	PWR-DRYAMB CE BECH BECH	2,737	07/07/1969 07/31/1974 05/08/1975 03/23/2000 07/31/2034	100 84 99 93 98 90
Calvert Cliffs Nuclear Power Plant, Unit 2 Calvert Cliffs Nuclear Power Plant, LLC Lusby, MD (40 miles S of Annapolis, MD) 050-00318 www.nrc.gov/info-finder/reactor/calv2.html	I	PWR-DRYAMB CE BECH BECH	2,737	07/07/1969 08/13/1976 04/01/1977 03/23/2000 08/13/2036	94 98 90 99 93 97
Catawba Nuclear Station, Unit 1 Duke Energy Carolinas, LLC York, SC (18 miles S of Charlotte, NC) 050-00413 www.nrc.gov/info-finder/reactor/cat1.html	II	PWR-ICECND WEST 4LP DUKE DUKE	3,411	08/07/1975 01/17/1985 06/29/1985 12/05/2003 12/05/2043	93 82 102 89 91 100
Catawba Nuclear Station, Unit 2 Duke Energy Carolinas, LLC York, SC (18 miles S of Charlotte, NC) 050-00414 www.nrc.gov/info-finder/reactor/cat2.html	II	PWR-ICECND WEST 4LP DUKE DUKE	3,411	08/07/1975 05/15/1986 08/19/1986 12/05/2003 12/05/2043	102 89 84 103 90 92
Clinton Power Station, Unit 1 Exelon Generation Co., LLC Clinton, IL (23 miles SSE of Bloomington, IL) 050-00461 www.nrc.gov/info-finder/reactor/clin.html	III	BWR-MARK 3 GE 6 S&L BALD	3,473	02/24/1976 04/17/1987 11/24/1987 N/A 09/29/2026	94 90 101 99 97 92
Columbia Generating Station Energy Northwest Benton County, WA (12 miles NW of Richland, WA) 050-00397 www.nrc.gov/info-finder/reactor/wash2.html	IV	BWR-MARK 2 GE 5 B&R BECH	3,486	03/19/1973 04/13/1984 12/13/1984 N/A 12/20/2023	83 94 82 93 67 95
Comanche Peak Nuclear Power Plant, Unit 1 Luminant Generation Co., LLC Glen Rose, TX (40 miles SW of Fort Worth, TX) 050-00445 www.nrc.gov/info-finder/reactor/cp1.html	IV	PWR-DRYAMB WEST 4LP G&H BRRT	3,612	12/19/1974 04/17/1990 08/13/1990 N/A 02/08/2030	92 102 185 96 100 91

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Plant Name, Unit Number Licensee Location Docket Number NRC Web Page Address	NRC Region	Con Type NSSS Architect Engineer Constructor	Licensed MВт	CP Issued OL Issued Comm. Op. LR Issued Exp. Date	2005– 2010** Capacity Factor (Percent)
Comanche Peak Nuclear Power Plant, Unit 2 Luminant Generation Company, LLC Glen Rose, TX (40 miles SW of Fort Worth, TX) 050-00446 www.nrc.gov/info-finder/reactor/cp2.html	IV	PWR-DRYAMB	3,612	12/19/1974	92
		WEST 4LP		04/06/1993	95
		BECH		08/03/1993	102
		BRRT		N/A	95
				02/02/2033	94
					104
Cooper Nuclear Station Nebraska Public Power District Brownville, NE (23 miles S of Nebraska City, NE) 050-00298 www.nrc.gov/info-finder/reactor/cns.html	IV	BWR-MARK 1	2,419	06/04/1968	89
		GE 4		01/18/1974	89
		B&R		07/01/1974	100
		B&R		11/29/2010	90
				01/18/2034	72
				100	
Crystal River Nuclear Generating Plant, Unit 3 Florida Power Corp. Crystal River, FL (80 miles N of Tampa, FL) 050-00302 www.nrc.gov/info-finder/reactor/cr3.html	II	PWR-DRYAMB	2,609	09/25/1968	87
		B&W LLP		12/03/1976	85
		GIL		03/13/1977	91
		JONES		N/A	95
				12/03/2016	95
				0	
Davis-Besse Nuclear Power Station, Unit 1 FirstEnergy Nuclear Operating Co. Oak Harbor, OH (21 miles ESE of Toledo, OH) 050-00346 www.nrc.gov/info-finder/reactor/davi.html	III	PWR-DRYAMB	2,817	03/24/1971	94
		B&W LLP		04/22/1977	82
		BECH		07/31/1978	99
		B&W		N/A	97
				04/22/2017	99
				66	
Diablo Canyon Nuclear Power Plant, Unit 1 Pacific Gas & Electric Co. Avila Beach, CA (12 miles SW of San Luis Obispo, CA) 050-00275 www.nrc.gov/info-finder/reactor/diab1.html	IV	PWR-DRYAMB	3,411	4/23/1968	87
		WEST 4LP		11/02/1984	101
		PG&E		05/07/1985	90
		PG&E		N/A	98
				11/02/2024	84
				88	
Diablo Canyon Nuclear Power Plant, Unit 2 Pacific Gas & Electric Co. Avila Beach, CA 12 miles SW of San Luis Obispo, CA) 050-00323 www.nrc.gov/info-finder/reactor/diab2.html	IV	PWR-DRYAMB	3,411	12/09/1970	99
		WEST 4LP		08/26/1985	87
		PG&E		03/13/1986	99
		PG&E		N/A	74
				08/26/2025	84
				100	
Donald C. Cook Nuclear Plant, Unit 1 Indiana Michigan Power Co. Bridgman, MI (13 miles S of Benton Harbor, MI) 050-00315 www.nrc.gov/info-finder/reactor/cook1.html	III	PWR-ICECND	3,304	03/25/1969	91
		WEST 4LP		10/25/1974	81
		AEP		08/28/1975	103
		AEP		08/30/2005	64
				10/25/2034	3
				88	

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Plant Name, Unit Number Licensee Location Docket Number NRC Web Page Address	NRC Region	Con Type NSSS Architect Engineer Constructor	Licensed MWt	CP Issued OL Issued Comm. Op. LR Issued Exp. Date	2005– 2010** Capacity Factor (Percent)
Donald C. Cook Nuclear Plant, Unit 2 Indiana Michigan Power Co. Bridgman, MI (13 miles S of Benton Harbor, MI) 050-00316 www.nrc.gov/info-finder/reactor/cook2.html	III	PWR-ICECND WEST 4LP AEP AEP	3,468	03/25/1969 12/23/1977 07/01/1978 08/30/2005 12/23/2037	100 89 86 101 87 84
Dresden Nuclear Power Station, Unit 2 Exelon Generation Co., LLC Morris, IL (25 miles SW of Joliet, IL) 050-00237 www.nrc.gov/info-finder/reactor/dres2.html	III	BWR-MARK 1 GE 3 S&L UE&C	2,957	01/10/1966 02/20/1991 ^A 06/09/1970 10/28/2004 12/22/2029	87 96 92 98 91 102
Dresden Nuclear Power Station, Unit 3 Exelon Generation Co., LLC Morris, IL (25 miles SW of Joliet, IL) 050-00249 www.nrc.gov/info-finder/reactor/dres3.html	III	BWR-MARK 1 GE 3 S&L UE&C	2,957	10/14/1966 01/12/1971 11/16/1971 10/28/2004 01/12/2031	93 94 100 93 97 90
Duane Arnold Energy Center NextEra Energy Duane Arnold, LLC Palo, IA (8 miles NW of Cedar Rapids, IA) 050-00331 www.nrc.gov/info-finder/reactor/duan.html	III	BWR-MARK 1 GE 4 BECH BECH	1,912	06/22/1970 02/22/1974 02/01/1975 12/16/2010 02/21/2034	89 100 89 103 92 89
Edwin I. Hatch Nuclear Plant, Unit 1 Southern Nuclear Operating Co. Baxley, GA (20 miles S of Vidalia, GA) 050-00321 www.nrc.gov/info-finder/reactor/hat1.html	II	BWR-MARK 1 GE 4 BECH GPC	2,804	09/30/1969 10/13/1974 12/31/1975 01/15/2002 08/06/2034	91 84 98 84 94 85
Edwin I. Hatch Nuclear Plant, Unit 2 Southern Nuclear Operating Co., Inc. Baxley, GA (20 miles S of Vidalia, GA) 050-00366 www.nrc.gov/info-finder/reactor/hat2.html	II	BWR-MARK 1 GE 4 BECH GPC	2,804	12/27/1972 06/13/1978 09/05/1979 01/15/2002 06/13/2038	87 99 87 96 67 96
Fermi, Unit 2 The Detroit Edison Co. Newport, MI (25 miles NE of Toledo, OH) 050-00341 www.nrc.gov/info-finder/reactor/ferm2.html	III	BWR-MARK 1 GE 4 S&L DANI	3,430	09/26/1972 07/15/1985 01/23/1988 N/A 03/20/2025	90 76 85 98 75 80

A: AEC issued a provisional OL on 12/22/1969, allowing commercial operation. The NRC issued a full-term OL on 03/20/1991.

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U.S. Commercial Nuclear Power Reactors
Operating Reactors (continued)

Plant Name, Unit Number Licensee Location Docket Number NRC Web Page Address	NRC Region	Con Type NSSS Architect Engineer Constructor	Licensed MWt	CP Issued OL Issued Comm. Op. LR Issued Exp. Date	2005– 2010** Capacity Factor (Percent)
Fort Calhoun Station, Unit 1 Omaha Public Power District Ft. Calhoun, NE (19 miles N of Omaha, NE) 050-00285 www.nrc.gov/info-finder/reactor/fcs.html	IV	PWR-DRYAMB CE GHDR GHDR	1,500	06/07/1968	70
				08/09/1973	74
				09/26/1973	104
				11/04/2003	83
				08/09/2033	100
102					
Grand Gulf Nuclear Station, Unit 1 Entergy Operations, Inc. Port Gibson, MS (20 miles S of Vicksburg, MS) 050-00416 www.nrc.gov/info-finder/reactor/gg1.html	IV	BWR-MARK 3 GE 6 BECH BECH	3,898	09/04/1974	91
				11/01/1984	94
				07/01/1985	84
				N/A	86
				11/01/2024	100
88					
H.B. Robinson Steam Electric Plant, Unit 2 Carolina Power & Light Co. Hartsville, SC (26 miles NW of Florence, SC) 050-00261 www.nrc.gov/info-finder/reactor/rob2.html	II	PWR-DRYAMB WEST 3LP EBSO EBSO	2,339	04/13/1967	93
				07/31/1970	104
				03/07/1971	92
				04/19/2004	87
				07/31/2030	104
57					
Hope Creek Generating Station, Unit 1 PSEG Nuclear, LLC Hancocks Bridge, NJ (18 miles SE of Wilmington, DE) 050-00354 www.nrc.gov/info-finder/reactor/hope.html	I	BWR-MARK 1 GE 4 BECH BECH	3,840	11/04/1974	86
				07/25/1986	92
				12/20/1986	87
				07/20/2011	108
				04/11/2046	95
93					
Indian Point Nuclear Generating, Unit 2 Entergy Nuclear Operations, Inc. Buchanan, NY (24 miles N of New York City, NY) 050-00247 www.nrc.gov/info-finder/reactor/ip2.html	I	PWR-DRYAMB WEST 4LP UE&C WDCO	3,216	10/14/1966	99
				09/28/1973	89
				08/01/1974	99
				N/A	91
				09/28/2013	98
82					
Indian Point Nuclear Generating, Unit 3 Entergy Nuclear Operations, Inc. Buchanan, NY (24 miles N of New York City, NY) 050-00286 www.nrc.gov/info-finder/reactor/ip3.html	I	PWR-DRYAMB WEST 4LP UE&C WDCO	3,216	08/13/1969	90
				12/12/1975	100
				08/30/1976	87
				N/A	107
				12/12/2015	85
99					
James A. FitzPatrick Nuclear Power Plant Entergy Nuclear Operations, Inc. Scriba, NY (6 miles NE of Oswego, NY) 050-00333 www.nrc.gov/info-finder/reactor/fitz.html	I	BWR-MARK 1 GE 4 S&W S&W	2,536	05/20/1970	95
				10/17/1974	91
				07/28/1975	93
				09/08/2008	89
				10/17/2034	99
85					

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Joseph M. Farley Nuclear Plant, Unit 1 Southern Nuclear Operating Co. Columbia, AL (18 miles S of Dothan, AL) 050-00348 www.nrc.gov/info-finder/reactor/far1.html	II	PWR-DRYAMB WEST 3LP SSI DANI	2,775	08/16/1972	99
				06/25/1977	86
				12/01/1977	88
				05/12/2005	97
				06/25/2037	90
88					
Joseph M. Farley Nuclear Plant, Unit 2 Southern Nuclear Operating Co. Columbia, AL (18 miles S of Dothan, AL) 050-00364 www.nrc.gov/info-finder/reactor/far2.html	II	PWR-DRYAMB WEST 3LP SSI BECH	2,775	08/16/1972	84
				03/31/1981	101
				07/30/1981	87
				05/12/2005	90
				03/31/2041	96
88					
Kewaunee Power Station Dominion Energy Kewaunee, Inc. Kewaunee, WI (27 miles SE of Green Bay, WI) 050-00305 www.nrc.gov/info-finder/reactor/kewa.html	III	PWR-DRYAMB WEST 2LP PSE PSE	1,772	08/06/1968	63
				12/21/1973	75
				06/16/1974	95
				02/24/2011	90
				12/21/2033	93
102					
LaSalle County Station, Unit 1 Exelon Generation Co., LLC Marseilles, IL (11 miles SE of Ottawa, IL) 050-00373 www.nrc.gov/info-finder/reactor/lasa1.html	III	BWR-MARK 2 GE 5 S&L CWE	3,546	09/10/1973	100
				04/17/1982	93
				01/01/1984	99
				N/A	100
				04/17/2022	99
94					
LaSalle County Station, Unit 2 Exelon Generation Co., LLC Marseilles, IL (11 miles SE of Ottawa, IL) 050-00374 www.nrc.gov/info-finder/reactor/lasa2.html	III	BWR-MARK 2 GE 5 S&L CWE	3,546	09/10/1973	91
				12/16/1983	102
				10/19/1984	95
				N/A	94
				12/16/2023	93
101					
Limerick Generating Station, Unit 1 Exelon Generation Co., LLC Limerick, PA (21 miles NW of Philadelphia, PA) 050-00352 www.nrc.gov/info-finder/reactor/lim1.html	I	BWR-MARK 2 GE 4 BECH BECH	3,515	06/19/1974	99
				08/08/1985	93
				02/01/1986	101
				N/A	95
				10/26/2024	101
91					
Limerick Generating Station, Unit 2 Exelon Generation Co., LLC Limerick, PA (21 miles NW of Philadelphia, PA) 050-00353 www.nrc.gov/info-finder/reactor/lim2.html	I	BWR-MARK 2 GE 4 BECH BECH	3,515	06/19/1974	91
				08/25/1989	100
				01/08/1990	91
				N/A	101
				06/22/2029	94
99					

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McGuire Nuclear Station, Unit 1 Duke Energy Carolinas, LLC Huntersville, NC (17 miles N of Charlotte, NC) 050-00369 www.nrc.gov/info-finder/reactor/mcg1.html	II	PWR-ICECND	3,411	02/23/1973	93
		WEST 4LP		07/08/1981	103
		DUKE		12/01/1981	79
		DUKE		12/05/2003	87
				06/12/2041	104
McGuire Nuclear Station, Unit 2 Duke Energy Carolinas, LLC Huntersville, NC (17 miles N of Charlotte, NC) 050-00370 www.nrc.gov/info-finder/reactor/mcg2.html	II	PWR-ICECND	3,411	02/23/1973	89
		WEST 4LP		05/27/1983	87
		DUKE		03/01/1984	103
		DUKE		12/05/2003	90
				03/03/2043	94
Millstone Power Station, Unit 2 Dominion Nuclear Connecticut, Inc. Waterford, CT (3.2 miles SW of New London, CT) 050-00336 www.nrc.gov/info-finder/reactor/mill2.html	I	PWR-DRYAMB	2,700	12/11/1970	88
		CE		09/26/1975	84
		BECH		12/26/1975	100
		BECH		11/28/2005	86
				07/31/2035	81
Millstone Power Station, Unit 3 Dominion Nuclear Connecticut, Inc. Waterford, CT (3.2 miles SW of New London, CT) 050-00423 www.nrc.gov/info-finder/reactor/mill3.html	I	PWR-DRYSUB	3,650	08/09/1974	86
		WEST 4LP		01/31/1986	100
		S&W		04/23/1986	86
		S&W		11/28/2005	88
				11/25/2045	105
Monticello Nuclear Generating Plant, Unit 1 III Northern States Power Company Monticello, MN (30 miles NW of Minneapolis, MN) 050-00263 www.nrc.gov/info-finder/reactor/mont.html	III	BWR-MARK	1,775	06/19/1967	89
		GE 3		01/09/1981 ^B	101
		BECH		06/30/1971	84
		BECH		11/08/2006	97
				09/08/2030	83
Nine Mile Point Nuclear Station, Unit 1 Nine Mile Point Nuclear Station, LLC Scriba, NY (6 miles NE of Oswego, NY) 050-00220 www.nrc.gov/info-finder/reactor/nmp1.html	I	BWR-MARK 1	1,850	04/12/1965	85
		GE 2		12/26/1974 ^C	98
		NIAG		12/01/1969	88
		S&W		10/31/2006	98
				08/22/2029	92
Nine Mile Point Nuclear Station, Unit 2 Nine Mile Point Nuclear Station, LLC Scriba, NY (6 miles NE of Oswego, NY) 050-00410 www.nrc.gov/info-finder/reactor/nmp2.html	I	BWR-MARK 2	3,467	06/24/1974	100
		GE 5		07/02/1987	90
		S&W		03/11/1988	92
		S&W		10/31/2006	90
				10/31/2046	99
			89		

B: AEC issued a provisional OL on 09/08/1970, allowing commercial operation. The NRC issued a full-term OL on 01/09/1981.

C: AEC issued a provisional OL on 08/22/1969, allowing commercial operation. The NRC issued a full-term OL on 12/26/1974.

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North Anna Power Station, Unit 1 Virginia Electric & Power Co. Louisa, VA (40 miles NW of Richmond, VA) 050-00338 www.nrc.gov/info-finder/reactor/na1.html	II	PWR-DRYSUB	2,940	02/19/1971	95
		WEST 3LP		04/01/1978	88
		S&W		06/06/1978	89
		S&W		03/20/2003	101
				04/01/2038	92
North Anna Power Station, Unit 2 Virginia Electric & Power Co. Louisa, VA (40 miles NW of Richmond, VA) 050-00339 www.nrc.gov/info-finder/reactor/na2.html	II	PWR-DRYSUB	2,940	02/19/1971	92
		WEST 3LP		08/21/1980	87
		S&W		12/14/1980	100
		S&W		03/20/2003	85
				08/21/2040	82
Oconee Nuclear Station, Unit 1 Duke Energy Carolinas, LLC Seneca, SC (30 miles W of Greenville, SC) 050-00269 www.nrc.gov/info-finder/reactor/oco1.html	II	PWR-DRYAMB	2,568	11/06/1967	91
		B&W LLP		02/06/1973	79
		DBDB		07/15/1973	99
		DUKE		05/23/2000	84
				02/06/2033	85
Oconee Nuclear Station, Unit 2 Duke Energy Carolinas, LLC Seneca, SC (30 miles W of Greenville, SC) 050-00270 www.nrc.gov/info-finder/reactor/oco2.html	II	PWR-DRYAMB	2,568	11/06/1967	90
		B&W LLP		10/06/1973	100
		DBDB		09/09/1974	91
		DUKE		05/23/2000	86
				10/06/2033	103
Oconee Nuclear Station, Unit 3 Duke Energy Carolinas, LLC Seneca, SC (30 miles W of Greenville, SC) 050-00287 www.nrc.gov/info-finder/reactor/oco3.html	II	PWR-DRYAMB	2,568	11/06/1967	98
		B&W LLP		07/19/1974	91
		DBDB		12/16/1974	87
		DUKE		05/23/2000	102
				07/19/2034	94
Oyster Creek Nuclear Generating Station Exelon Generation Co., LLC Forked River, NJ (9 miles S of Toms River, NJ) 050-00219 www.nrc.gov/info-finder/reactor/oc.html	I	BWR-MARK 1	1,930	12/15/1964	99
		GE 2		07/02/1991 ^D	86
		B&R		12/23/1969	94
		B&R		04/08/2009	83
				04/09/2029	92
Palisades Nuclear Plant Entergy Nuclear Operations, Inc. Covert, MI (5 miles S of South Haven, MI) 050-00255 www.nrc.gov/info-finder/reactor/pali.html	III	PWR-DRYAMB	2,565.4	03/14/1967	79
		CE		03/24/1971	98
		BECH		12/31/1971	86
		BECH		01/17/2007	99
				03/24/2031	90
		92			

D: AEC issued a provisional OL on 04/09/1969, allowing commercial operation. The NRC issued a full-term OL on 07/02/1991.

APPENDIX A

U.S. Commercial Nuclear Power Reactors Operating Reactors (continued)

Plant Name, Unit Number Licensee Location Docket Number NRC Web Page Address	NRC Region	Con Type NSSS Architect Engineer Constructor	Licensed MWt	CP Issued OL Issued Comm. Op. LR Issued Exp. Date	2005– 2010** Capacity Factor (Percent)
Palo Verde Nuclear Generating Station, Unit 1 Arizona Public Service Company Wintersburg, AZ (50 miles W of Phoenix, AZ) 050-00528 www.nrc.gov/info-finder/reactor/palo1.html	IV	PWR-DRYAMB	3,990	05/25/1976	63
		CE80-2L		06/01/1985	42
		BECH		01/28/1986	77
		BECH		04/21/2011	86
				06/01/2045	101
Palo Verde Nuclear Generating Station, Unit 2 Arizona Public Service Company Wintersburg, AZ (50 miles W of Phoenix, AZ) 050-00529 www.nrc.gov/info-finder/reactor/palo2.html	IV	PWR-DRYAMB	3,990	05/25/1976	82
		CE80-2L		04/24/1986	85
		BECH		09/19/1986	95
		BECH		04/21/2011	74
				04/24/2046	83
Palo Verde Nuclear Generating Station, Unit 3 Arizona Public Service Company Wintersburg, AZ (50 miles W of Phoenix, AZ) 050-00530 www.nrc.gov/info-finder/reactor/palo3.html	IV	PWR-DRYAMB	3,990	05/25/1976	84
		COMB CE80-2L		11/25/1987	86
		BECH		01/08/1988	64
		BECH		04/21/2011	97
				11/25/2047	83
Peach Bottom Atomic Power Station, Unit 2 Exelon Generation Co., LLC Delta, PA (17.9 miles S of Lancaster, PA) 050-00277 www.nrc.gov/info-finder/reactor/pb2.html	I	BWR-MARK 1	3,514	01/31/1968	98
		GE 4		10/25/1973	93
		BECH		07/05/1974	101
		BECH		05/07/2003	89
				08/08/2033	101
Peach Bottom Atomic Power Station, Unit 3 Exelon Generation Co., LLC Delta, PA (17.9 miles S of Lancaster, PA) 050-00278 www.nrc.gov/info-finder/reactor/pb3.html	I	BWR-MARK 1	3,514	01/31/1968	91
		GE 4		07/02/1974	102
		BECH		12/23/1974	93
		BECH		05/07/2003	93
				07/02/2034	89
Perry Nuclear Power Plant, Unit 1 FirstEnergy Nuclear Operating Co. Perry, OH (35 miles NE of Cleveland, OH) 050-00440 www.nrc.gov/info-finder/reactor/perr1.html	III	BWR-MARK 3	3,758	05/03/1977	71
		GE 6		11/13/1986	97
		GIL		11/18/1987	75
		KAIS		N/A	98
				03/18/2026	67
Pilgrim Nuclear Power Station Entergy Nuclear Operations, Inc. Plymouth, MA (38 miles SE of Boston, MA) 050-00293 www.nrc.gov/info-finder/reactor/pilg.html	I	BWR-MARK 1	2,028	08/26/1968	91
		GE 3		06/08/1972	97
		BECH		12/01/1972	85
		BECH		N/A	97
				06/08/2012	90
			99		

APPENDIX A

U.S. Commercial Nuclear Power Reactors Operating Reactors (continued)

Plant Name, Unit Number Licensee Location Docket Number NRC Web Page Address	NRC Region	Con Type NSSS Architect Engineer Constructor	Licensed MWt	CP Issued OL Issued Comm. Op. LR Issued Exp. Date	2005– 2010** Capacity Factor (Percent)
Point Beach Nuclear Plant, Unit 1 NextEra Energy Point Beach, LLC Two Rivers, WI (13 miles NW of Manitowoc, WI) 050-00266 www.nrc.gov/info-finder/reactor/poin1.html	III	PWR-DRYAMB WEST 2LP BECH BECH	1,540	07/19/1967 10/05/1970 12/21/1970 12/22/2005 10/05/2030	81 100 85 87 98 88
Point Beach Nuclear Plant, Unit 2 NextEra Energy Point Beach, LLC Two Rivers, WI (13 miles NW of Manitowoc, WI) 050-00301 www.nrc.gov/info-finder/reactor/poin2.html	III	PWR-DRYAMB WEST 2LP BECH BECH	1,540	07/25/1968 03/08/1973 ^E 10/01/1972 12/22/2005 03/08/2033	72 91 99 89 84 96
Prairie Island Nuclear Generating Plant, Unit 1 Northern States Power Co.—Minnesota Welch, MN (28 miles SE of Minneapolis, MN) 050-00282 www.nrc.gov/info-finder/reactor/prai1.html	III	PWR-DRYAMB WEST 2LP FLUR NSP	1,677	06/25/1968 04/05/1974 ^F 12/16/1973 06/27/2011 08/09/2033	99 85 92 84 97 96
Prairie Island Nuclear Generating Plant, Unit 2 Northern States Power Co.—Minnesota Welch, MN (28 miles SE of Minneapolis, MN) 050-00306 www.nrc.gov/info-finder/reactor/prai2.html	III	PWR-DRYAMB WEST 2LP FLUR NSP	1,677	06/25/1968 10/29/1974 12/21/1974 06/27/2011 10/29/2034	84 84 93 85 97 86
Quad Cities Nuclear Power Station, Unit 1 Exelon Generation Co., LLC Cordova, IL (20 miles NE of Moline, IL) 050-00254 www.nrc.gov/info-finder/reactor/quad1.html	III	BWR-MARK 1 GE 3 S&L UE&C	2,957	02/15/1967 12/14/1972 02/18/1973 10/28/2004 12/14/2032	83 89 92 96 82 99
Quad Cities Nuclear Power Station, Unit 2 Exelon Generation Co., LLC Cordova, IL (20 miles NE of Moline, IL) 050-00265 www.nrc.gov/info-finder/reactor/quad2.html	III	BWR-MARK 1 GE 3 S&L UE&C	2,957	02/15/1967 12/14/1972 03/10/1973 10/28/2004 12/14/2032	93 86 99 86 91 92
River Bend Station, Unit 1 Entergy Operations, Inc. St. Francisville, LA (24 miles NW of Baton Rouge, LA) 050-00458 www.nrc.gov/info-finder/reactor/rbs1.html	IV	BWR-MARK 3 GE 6 S&W S&W	3,091	03/25/1977 11/20/1985 06/16/1986 N/A 08/29/2025	93 88 85 82 113 98

E: AEC issued a provisional OL on 11/18/1971. The NRC issued a full-term OL on 03/08/1973.

F: AEC issued a provisional OL on 08/09/1973. The NRC issued a full-term OL on 04/05/1974.

APPENDIX A

U.S. Commercial Nuclear Power Reactors Operating Reactors (continued)

Plant Name, Unit Number Licensee Location Docket Number NRC Web Page Address	NRC Region	Con Type NSSS Architect Engineer Constructor	Licensed MWt	CP Issued OL Issued Comm. Op. LR Issued Exp. Date	2005– 2010** Capacity Factor (Percent)
R.E. Ginna Nuclear Power Plant R.E. Ginna Nuclear Power Plant, LLC Ontario, NY (20 miles NE of Rochester, NY) 050-00244 www.nrc.gov/info-finder/reactor/ginna.html	I	PWR-DRYAMB WEST 2LP GIL BECH	1,775	04/25/1966 09/19/1969 07/01/1970 05/19/2004 09/18/2029	92 95 113 109 91 97
St. Lucie Plant, Unit 1 Florida Power & Light Co. Jensen Beach, FL (10 miles SE of Ft. Pierce, FL) 050-00335 www.nrc.gov/info-finder/reactor/stl1.html	II	PWR-DRYAMB CE EBSO EBSO	2,700	07/01/1970 03/01/1976 12/21/1976 10/02/2003 03/01/2036	83 102 85 91 100 72
St. Lucie Plant, Unit 2 Florida Power & Light Co. Jensen Beach, FL (10 miles SE of Ft. Pierce, FL) 050-00389 www.nrc.gov/info-finder/reactor/stl2.html	II	PWR-DRYAMB CE EBSO EBSO	2,700	05/02/1977 06/10/1983 08/08/1983 10/02/2003 04/06/2043	86 82 70 99 80 100
Salem Nuclear Generating Station, Unit 1 PSEG Nuclear, LLC Hancocks Bridge, NJ (18 miles SE of Wilmington, DE) 050-00272 www.nrc.gov/info-finder/reactor/salm1.html	I	PWR-DRYAMB WEST 4LP PUBS UE&C	3,459	09/25/1968 12/01/1976 06/30/1977 06/30/2011 08/13/2036	92 99 89 91 99 85
Salem Nuclear Generating Station, Unit 2 PSEG Nuclear, LLC Hancocks Bridge, NJ (18 miles SE of Wilmington, DE) 050-00311 www.nrc.gov/info-finder/reactor/salm2.html	I	PWR-DRYAMB WEST 4LP PUBS UE&C	3,459	09/25/1968 05/20/1981 10/13/1981 06/30/2011 04/18/2040	90 92 98 83 93 98
San Onofre Nuclear Generating Station, Unit 2 Southern California Edison Co. San Clemente, CA (45 miles SE of Long Beach, CA) 050-00361 www.nrc.gov/info-finder/reactor/sano2.html	IV	PWR-DRYAMB CE BECH BECH	3,438	10/18/1973 02/16/1982 08/08/1983 N/A 02/16/2022	95 72 89 91 60 75
San Onofre Nuclear Generating Station, Unit 3 Southern California Edison Co. San Clemente, CA (45 miles SE of Long Beach, CA) 050-00362 www.nrc.gov/info-finder/reactor/sano3.html	IV	PWR-DRYAMB CE BECH BECH	3,438	10/18/1973 11/15/1982 04/01/1984 N/A 11/15/2022	100 72 94 69 104 72

APPENDIX A
U.S. Commercial Nuclear Power Reactors
Operating Reactors (continued)

Plant Name, Unit Number Licensee Location Docket Number NRC Web Page Address	NRC Region	Con Type NSSS Architect Engineer Constructor	Licensed MWt	CP Issued OL Issued Comm. Op. LR Issued Exp. Date	2005– 2010** Capacity Factor (Percent)
Seabrook Station, Unit 1 NextEra Energy Seabrook, LLC Seabrook, NH (13 miles S of Portsmouth, NH) 050-00443 www.nrc.gov/info-finder/reactor/seab1.html	I	PWR-DRYAMB WEST 4LP UE&C UE&C	3,648	07/07/1976 03/15/1990 08/19/1990 N/A 03/15/2030	89 69 99 89 81 100
Sequoyah Nuclear Plant, Unit 1 Tennessee Valley Authority Soddy-Daisy, TN (16 miles NE of Chattanooga, TN) 050-00327 www.nrc.gov/info-finder/reactor/seq1.html	II	PWR-ICECND WEST 4LP TVA TVA	3,455	05/27/1970 09/17/1980 07/01/1981 N/A 09/17/2020	100 90 87 101 89 84
Sequoyah Nuclear Plant, Unit 2 Tennessee Valley Authority Soddy-Daisy, TN (16 miles NE of Chattanooga, TN) 050-00328 www.nrc.gov/info-finder/reactor/seq2.html	II	PWR-ICECND WEST 4LP TVA TVA	3,455	05/27/1970 09/15/1981 06/01/1982 N/A 09/15/2021	90 90 100 89 89 97
Shearon Harris Nuclear Power Plant, Unit 1 Carolina Power & Light Co. New Hill, NC (20 miles SW of Raleigh, NC) 050-00400 www.nrc.gov/info-finder/reactor/har1.html	II	PWR-DRYAMB WEST 3LP EBSO DANI	2,900	01/27/1978 10/24/1986 05/02/1987 12/17/2008 10/24/2046	101 89 94 99 94 90
South Texas Project, Unit 1 STP Nuclear Operating Co. Bay City, TX (90 miles SW of Houston, TX) 050-00498 www.nrc.gov/info-finder/reactor/stp1.html	IV	PWR-DRYAMB WEST 4LP BECH EBSO	3,853	12/22/1975 03/22/1988 08/25/1988 N/A 08/20/2027	88 91 105 95 90 101
South Texas Project, Unit 2 STP Nuclear Operating Co. Bay City, TX (90 miles SW of Houston, TX) 050-00499 www.nrc.gov/info-finder/reactor/stp2.html	IV	PWR-DRYAMB WEST 4LP BECH EBSO	3,853	12/22/1975 03/28/1989 06/19/1989 N/A 12/15/2028	89 100 93 95 101 88
Surry Power Station, Unit 1 Virginia Electric and Power Co. Surry, VA (17 miles NW of Newport News, VA) 050-00280 www.nrc.gov/info-finder/reactor/sur1.html	II	PWR-DRYSUB WEST 3LP S&W S&W	2,857	06/25/1968 05/25/1972 12/22/1972 03/20/2003 05/25/2032	96 90 89 98 94 89
Surry Power Station, Unit 2 Virginia Electric and Power Co. Surry, VA (17 miles NW of Newport News, VA) 050-00281 www.nrc.gov/info-finder/reactor/sur2.html	II	PWR-DRYSUB WEST 3LP S&W S&W	2,857	06/25/1968 01/29/1973 05/01/1973 03/20/2003 01/29/2033	93 88 101 94 92 100

APPENDIX A

U.S. Commercial Nuclear Power Reactors Operating Reactors (continued)

Plant Name, Unit Number Licensee Location Docket Number NRC Web Page Address	NRC Region	Con Type NSSS Architect Engineer Constructor	Licensed MWt	CP Issued OL Issued Comm. Op. LR Issued Exp. Date	2005– 2010** Capacity Factor (Percent)
Susquehanna Steam Electric Station, Unit 1 PPL Susquehanna, LLC Salem Township, Luzerne County, PA (70 miles NE of Harrisburg, PA) 050-00387 www.nrc.gov/info-finder/reactor/susq1.html	I	BWR-MARK 2 GE 4 BECH BECH	3,952	11/03/1973 07/17/1982 06/08/1983 11/24/2009 07/17/2042	95 86 95 89 101 80
Susquehanna Steam Electric Station, Unit 2 PPL Susquehanna, LLC Salem Township, Luzerne County, PA (70 miles NE of Harrisburg, PA) 050-00388 www.nrc.gov/info-finder/reactor/susq2.html	I	BWR-MARK 2 GE 4 BECH BECH	3,952	11/03/1973 03/23/1984 02/12/1985 11/24/2009 03/23/2044	89 93 88 100 90 96
Three Mile Island Nuclear Station, Unit 1 Exelon Generation Co., LLC Middletown, PA (10 miles SE of Harrisburg, PA) 050-00289 www.nrc.gov/info-finder/reactor/tmi1.html	I	PWR-DRYAMB B&W LLP GIL UE&C	2,568	05/18/1968 04/19/1974 09/02/1974 10/22/2009 04/19/2034	98 105 97 107 86 94
Turkey Point Nuclear Generating, Unit 3 Florida Power & Light Co. Homestead, FL (20 miles S of Miami, FL) 050-00250 www.nrc.gov/info-finder/reactor/tp3.html	II	PWR-DRYAMB WEST 3LP BECH BECH	2,300	04/27/1967 07/19/1972 12/14/1972 06/06/2002 07/19/2032	96 92 97 101 86 88
Turkey Point Nuclear Generating, Unit 4 Florida Power & Light Co. Homestead, FL (20 miles S of Miami, FL) 050-00251 www.nrc.gov/info-finder/reactor/tp4.html	II	PWR-DRYAMB WEST 3LP BECH BECH	2,300	04/27/1967 04/10/1973 09/07/1973 06/06/2002 04/10/2033	89 100 86 89 99 98
Vermont Yankee Nuclear Power Station Entergy Nuclear Operations, Inc. Vernon, VT (5 miles S of Brattleboro, VT) 050-00271 www.nrc.gov/info-finder/reactor/vy.html	I	BWR-MARK 1 GE 4 EBSO EBSO	1,912	12/11/1967 03/21/1972 11/30/1972 03/21/2011 03/21/2032	92 115 87 89 99 88
Virgil C. Summer Nuclear Station, Unit 1 South Carolina Electric & Gas Co. Jenkinsville, SC (26 miles NW of Columbia, SC) 050-00395 www.nrc.gov/info-finder/reactor/sum.html	II	PWR-DRYAMB WEST 3LP GIL DANI	2,900	03/21/1973 11/12/1982 01/01/1984 04/23/2004 08/06/2042	88 89 85 87 81 100
Vogtle Electric Generating Plant, Unit 1 Southern Nuclear Operating Co., Inc. Waynesboro, GA (26 miles SE of Augusta, GA) 050-00424 www.nrc.gov/info-finder/reactor/vog1.html	II	PWR-DRYAMB WEST 4LP SGEC GPC	3,625.6	06/28/1974 03/16/1987 06/01/1987 06/03/2009 01/16/2047	91 86 99 93 91 102

APPENDIX A

U.S. Commercial Nuclear Power Reactors Operating Reactors (continued)

Plant Name, Unit Number Licensee Location Docket Number NRC Web Page Address	NRC Region	Con Type NSSS Architect Engineer Constructor	Licensed MWt	CP Issued OL Issued Comm. Op. LR Issued Exp. Date	2005– 2010** Capacity Factor (Percent)
Vogtle Electric Generating Plant, Unit 2 Southern Nuclear Operating Co., Inc. Waynesboro, GA (26 miles SE of Augusta, GA) 050-00425 www.nrc.gov/info-finder/reactor/vog2.html	II	PWR-DRYAMB WEST 4LP SBEC GPC	3,625.6	06/28/1974 03/31/1989 05/20/1989 06/03/2009 02/09/2049	85 92 83 88 101 93
Waterford Steam Electric Station, Unit 3 Entergy Operations, Inc. Killona, LA (25 miles W of New Orleans, LA) 050-00382 www.nrc.gov/info-finder/reactor/wat3.html	IV	PWR-DRYAMB COMB CE EBSO EBSO	3,716	11/14/1974 03/16/1985 09/24/1985 N/A 12/18/2024	78 92 98 89 87 100
Watts Bar Nuclear Plant, Unit 1 Tennessee Valley Authority Spring City, TN (60 miles SW of Knoxville, TN) 050-00390 www.nrc.gov/info-finder/reactor/wb1.html	II	PWR-ICECND WEST 4LP TVA TVA	3,459	01/23/1973 02/07/1996 05/27/1996 N/A 11/09/2035	90 68 102 82 94 99
Wolf Creek Generating Station, Unit 1 Wolf Creek Nuclear Operating Corp. Burlington, Coffey County, KS (28 miles SE of Emporia, KS) 050-00482 www.nrc.gov/info-finder/reactor/wc.html	IV	PWR-DRYAMB WEST 4LP BECH DANI	3,565	05/31/1977 06/04/1985 09/03/1985 11/20/2008 03/11/2045	99 86 92 102 83 86

Reactors Under Active Construction or Deferred Policy

Bellefonte Nuclear Power Station, Unit 1*** Tennessee Valley Authority (6 miles NE of Scottsboro, AL) 050-00438	II	PWR-DRYAMB B&W 205 TVA TVA	3,763	12/24/1974	N/A
Bellefonte Nuclear Power Station, Unit 2*** Tennessee Valley Authority (6 miles NE of Scottsboro, AL) 050-00439	II	PWR-DRYAMB B&W 205 TVA TVA	3,763	12/24/1974	N/A
Watts Bar Nuclear Plant, Unit 2**** Tennessee Valley Authority Spring City, TN (60 miles SW of Knoxville, TN) 050-00391	II	PWR-ICECND WEST 4LP TVA TVA	3,411	01/23/1973	

* Note: Plant names as identified on license as of May 31, 2011.

** Average capacity factor is listed in year order starting with 2005.

***Bellefonte Units 1 and 2 are under the Commission Policy Statement on Deferred Plants (52 FR 38077; October 14, 1987).

****Watts Bar Unit 2 is currently under active construction.

Source: NRC, with some data compiled from EIA/DOE

APPENDIX B

U.S. Commercial Nuclear Power Reactors Permanently Shut Down—Formerly Licensed To Operate

Unit Location	Reactor Type MВт	NSSS Vendor	OL Issued Shut Down	Decommissioning Alternative Selected Current Status
Big Rock Point Charlevoix, MI	BWR 240	GE	05/01/1964 08/29/1997	DECON DECON Completed
GE Bonus* Punta Higuera, PR	BWR 50	CE	04/02/1964 06/01/1968	ENTOMB ENTOMB
CVTR** Parr, SC	PTHW 65	WEST	11/27/1962 01/01/1967	SAFSTOR SAFSTOR
Dresden 1 Morris, IL	BWR 700	GE	09/28/1959 10/31/1978	SAFSTOR SAFSTOR
Elk River* Elk River, MN	BWR 58	AC/S&L	11/06/1962 02/01/1968	DECON DECON Completed
Fermi 1 Newport, MI	SCF 200	CE	05/10/1963 09/22/1972	DECON DECON in Progress
Fort St. Vrain Platteville, CO	HTG 842	GA	12/21/1973 08/18/1989	DECON DECON Completed
GE VBWR Sunol, CA	BWR 50	GE	08/31/1957 12/09/1963	SAFSTOR SAFSTOR
Haddam Neck Meriden, CT	PWR 1,825	WEST	12/27/1974 12/05/1996	DECON DECON Completed
Hallam* Hallam, NE	SCGM 256	BLH	01/02/1962 09/01/1964	ENTOMB ENTOMB
NS Savannah Baltimore, MD	PWR 74	B&W	08/1965 11/1970	SAFSTOR SAFSTOR
Humboldt Bay 3 Eureka, CA	BWR 200	GE	08/28/1962 07/02/1976	DECON DECON In Progress
Indian Point 1 Buchanan, NY	PWR 615	B&W	03/26/1962 10/31/1974	SAFSTOR SAFSTOR
La Crosse Genoa, WI	BWR 165	AC	07/03/1967 04/30/1987	SAFSTOR SAFSTOR
Maine Yankee Wiscasset, ME	PWR 2,700	CE	06/29/1973 12/06/1996	DECON DECON Completed
Millstone 1 Waterford, CT	BWR 2,011	GE	10/31/1970 07/21/1998	SAFSTOR SAFSTOR
Pathfinder Sioux Falls, SD	BWR 190	AC	03/12/1964 09/16/1967	DECON DECON Completed
Peach Bottom 1 Delta, PA	HTG 115	GA	01/24/1966 10/31/1974	SAFSTOR SAFSTOR

APPENDIX B

U.S. Commercial Nuclear Power Reactors Permanently Shut Down—Formerly Licensed To Operate (continued)

Unit Location	Reactor Type MВт	NSSS Vendor	OL Issued Shut Down	Decommissioning Alternative Selected Current Status
Piqua*	OCM	AI	08/23/1962	ENTOMB
Piqua, OH	46		01/01/1966	ENTOMB
Rancho Seco	PWR	B&W	08/16/1974	DECON
Herald, CA	2,772		06/07/1989	DECON Completed
San Onofre 1	PWR	WEST	03/27/1967	DECON
San Clemente, CA	1,347		11/30/1992	DECON In Progress
Saxton	PWR	WEST	11/15/1961	DECON
Saxton, PA	23.5		05/01/1972	DECON Completed
Shippingport*	PWR	WEST	N/A	DECON
Shippingport, PA	236		1982	DECON Completed
Shoreham	BWR	GE	04/21/1989	DECON
Wading River, NY	2,436		06/28/1989	DECON Completed
Three Mile Island 2	PWR	B&W	02/08/1978	(1)
Middletown, PA	2,770		03/28/1979	
Trojan	PWR	WEST	11/21/1975	DECON
Rainier, OR	3,411		11/09/1992	DECON Completed
Yankee-Rowe	PWR	WEST	12/24/1963	DECON
Rowe, MA	600		10/01/1991	DECON Completed
Zion 1	PWR	WEST	10/19/1973	DECON
Zion, IL	3,250		02/21/1997	DECON In Progress
Zion 2	PWR	WEST	11/14/1973	DECON
Zion, IL	3,250		09/19/1996	DECON In Progress

* AEC/DOE owned; not regulated by the U.S. Nuclear Regulatory Commission.

** Holds byproduct license from the State of South Carolina.

Notes: See Glossary for definitions of decommissioning alternatives (DECON, ENTOMB, SAFSTOR).

(1) Three Mile Island Unit 2 has been placed in a postdefueling monitored storage mode until Unit 1 permanently ceases operation, at which time both units are planned to be decommissioned.

Source: DOE Integrated Database for 1990; "U.S. Spent Fuel and Radioactive Waste, Inventories, Projections, and Characteristics" (DOE/RW-0006, Rev. 6), and U.S. Nuclear Regulatory Commission, "Nuclear Power Plants in the World," Edition 6