

APPENDIX A

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 MWe License Number	CP Issued OL Issued Comm. Op LR Issued SR Issued Exp. Date
Arkansas Nuclear One, Unit 1 Entergy Operations, Inc. London, AR (6 miles WNW of Russellville, AR) 05000313 https://www.nrc.gov/info-finder/reactors/ano1.html	IV	PWR-DRYAMB B&W LLP BECH BECH	2,568 833 DPR-51	12/06/1968 05/21/1974 12/19/1974 06/20/2001 N/A 05/20/2034
Arkansas Nuclear One, Unit 2 Entergy Operations, Inc. London, AR (6 miles WNW of Russellville, AR) 05000368 https://www.nrc.gov/info-finder/reactors/ano2.html	IV	PWR-DRYAMB CE BECH BECH	3,026 985 NPF-6	12/06/1972 09/01/1978 03/26/1980 06/30/2005 N/A 07/17/2038
Beaver Valley Power Station, Unit 1 Energy Harbor Nuclear Generation LLC/ Energy Harbor Nuclear Corp. Shippingport, PA (17 miles W of McCandless, PA) 05000334 https://www.nrc.gov/info-finder/reactors/bv1.html	I	PWR-DRYAMB WEST 3LP S&W S&W	2,900 907 DPR-66	06/26/1970 07/02/1976 10/01/1976 11/05/2009 N/A 01/29/2036
Beaver Valley Power Station, Unit 2 Energy Harbor Nuclear Generation LLC/ Energy Harbor Nuclear Corp. Shippingport, PA (17 miles W of McCandless, PA) 05000412 https://www.nrc.gov/info-finder/reactors/bv2.html	I	PWR-DRYAMB WEST 3LP S&W S&W	2,900 901 NPF-73	05/03/1974 08/14/1987 11/17/1987 11/05/2009 N/A 05/27/2047
Braidwood Station, Unit 1 Constellation Energy Generation Co., LLC Braceville, IL (20 miles SSW of Joliet, IL) 05000456 https://www.nrc.gov/info-finder/reactors/brai1.html	III	PWR-DRYAMB WEST 4LP S&L CWE	3,645 1,183 NPF-72	12/31/1975 07/02/1987 07/29/1988 01/27/2016 N/A 10/17/2046
Braidwood Station, Unit 2 Constellation Energy Generation Co., LLC Braceville, IL (20 miles SSW of Joliet, IL) 05000457 https://www.nrc.gov/info-finder/reactors/brai2.html	III	PWR-DRYAMB WEST 4LP S&L CWE	3,645 1,154 NPF-77	12/31/1975 05/20/1988 10/17/1988 01/27/2016 N/A 12/18/2047

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Browns Ferry Nuclear Plant, Unit 1 Tennessee Valley Authority Limestone County, AL (10 miles S of Athens, AL) 05000259 https://www.nrc.gov/info-finder/reactors/bf1.html	II	BWR-MARK 1 GE 4 TVA TVA	3,952 1,256 DPR-33	05/10/1967 12/20/1973 08/01/1974 05/04/2006 N/A 12/20/2033
Browns Ferry Nuclear Plant, Unit 2 Tennessee Valley Authority Limestone County, AL (10 miles S of Athens, AL) 05000260 https://www.nrc.gov/info-finder/reactors/bf2.html	II	BWR-MARK 1 GE 4 TVA TVA	3,952 1,259 DPR-52	05/10/1967 06/28/1974 03/01/1975 05/04/2006 N/A 06/28/2034
Browns Ferry Nuclear Plant, Unit 3 Tennessee Valley Authority Limestone County, AL (10 miles S of Athens, AL) 05000296 https://www.nrc.gov/info-finder/reactors/bf3.html	II	BWR-MARK 1 GE 4 TVA TVA	3,952 1,260 DPR-68	07/31/1968 07/02/1976 03/01/1977 05/04/2006 N/A 07/02/2036
Brunswick Steam Electric Plant, Unit 1 Duke Energy Progress, LLC Southport, NC (20 miles S of Wilmington, NC) 05000325 https://www.nrc.gov/info-finder/reactors/bru1.html	II	BWR-MARK 1 GE 4 UE&C BRRT	2,923 938 DPR-71	02/07/1970 09/08/1976 03/18/1977 06/26/2006 N/A 09/08/2036
Brunswick Steam Electric Plant, Unit 2 Duke Energy Progress, LLC Southport, NC (20 miles S of Wilmington, NC) 05000324 https://www.nrc.gov/info-finder/reactors/bru2.html	II	BWR-MARK 1 GE 4 UE&C BRRT	2,923 932 DPR-62	02/07/1970 12/27/1974 11/03/1975 06/26/2006 N/A 12/27/2034
Byron Station, Unit 1 Constellation Energy Generation Co., LLC Byron, IL (17 miles SW of Rockford, IL) 05000454 https://www.nrc.gov/info-finder/reactors/byro1.html	III	PWR-DRYAMB WEST 4LP S&L CWE	3,645 1,164 NPF-37	12/31/1975 02/14/1985 09/16/1985 11/19/2015 N/A 10/31/2044
Byron Station, Unit 2 Constellation Energy Generation Co., LLC Byron, IL (17 miles SW of Rockford, IL) 05000455 https://www.nrc.gov/info-finder/reactors/byro2.html	III	PWR-DRYAMB WEST 4LP S&L CWE	3,645 1,136 NPF-66	12/31/1975 01/30/1987 08/02/1987 11/19/2015 N/A 11/06/2046

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Callaway Plant, Unit 1 Union Electric Co. Fulton, MO (25 miles ENE of Jefferson City, MO) 05000483 https://www.nrc.gov/info-finder/reactors/call.html	IV	PWR-DRYAMB WEST 4LP BECH DANI	3,565 1190 NPF-30	04/16/1976 10/18/1984 12/19/1984 03/06/2015 N/A 10/18/2044
Calvert Cliffs Nuclear Power Plant, Unit 1 Calvert Cliffs Nuclear Power Plant, LLC Constellation Energy Generation Co., LLC Lusby, MD (40 miles S of Annapolis, MD) 05000317 https://www.nrc.gov/info-finder/reactors/calv1.html	I	PWR-DRYAMB CE BECH BECH	2,737 866 DPR-53	07/07/1969 07/31/1974 05/08/1975 03/23/2000 N/A 07/31/2034
Calvert Cliffs Nuclear Power Plant, Unit 2 Calvert Cliffs Nuclear Power Plant, LLC Constellation Energy Generation Co., LLC Lusby, MD (40 miles S of Annapolis, MD) 05000318 https://www.nrc.gov/info-finder/reactors/calv2.html	I	PWR-DRYAMB CE BECH BECH	2,737 842 DPR-69	07/07/1969 08/13/1976 04/01/1977 03/23/2000 N/A 08/13/2036
Catawba Nuclear Station, Unit 1 Duke Energy Carolinas, LLC York, SC (18 miles S of Charlotte, NC) 05000413 https://www.nrc.gov/info-finder/reactors/cat1.html	II	PWR-ICECND WEST 4LP DUKE DUKE	3,469 1,160 NPF-35	08/07/1975 01/17/1985 06/29/1985 12/05/2003 N/A 12/05/2043
Catawba Nuclear Station, Unit 2 Duke Energy Carolinas, LLC York, SC (18 miles S of Charlotte, NC) 05000414 https://www.nrc.gov/info-finder/reactors/cat2.html	II	PWR-ICECND WEST 4LP DUKE DUKE	3,411 1,150 NPF-52	08/07/1975 05/15/1986 08/19/1986 12/05/2003 N/A 12/05/2043
Clinton Power Station, Unit 1 Constellation Energy Generation Co., LLC Clinton, IL (23 miles SSE of Bloomington, IL) 05000461 https://www.nrc.gov/info-finder/reactors/clin.html	III	BWR-MARK 3 GE 6 S&L BALD	3,473 1,065 NPF-62	02/24/1976 04/17/1987 11/24/1987 N/A N/A 09/29/2026

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Columbia Generating Station Energy Northwest Hanford Reservation in Benton County, WA (15 miles NNW of Richland, WA) 05000397 https://www.nrc.gov/info-finder/reactors/wash2.html	IV	BWR-MARK 2 GE 5 B&R BECH	3,544 1,163 NPF-21	03/19/1973 04/13/1984 12/13/1984 05/22/2012 N/A 12/20/2043
Comanche Peak Nuclear Power Plant, Unit 1 Comanche Peak Power Co., LLC. Vistra Operating Co., LLC Glen Rose, TX (40 miles SW of Fort Worth, TX) 05000445 https://www.nrc.gov/info-finder/reactors/cp1.html	IV	PWR-DRYAMB WEST 4LP G&H BRRT	3,612 1,205 NPF-87	12/19/1974 04/17/1990 08/13/1990 N/A N/A 02/08/2030
Comanche Peak Nuclear Power Plant, Unit 2 Comanche Peak Power Co., LLC. Vistra Operating Co., LLC Glen Rose, TX (40 miles SW of Fort Worth, TX) 05000446 https://www.nrc.gov/info-finder/reactors/cp2.html	IV	PWR-DRYAMB WEST 4LP BECH BRRT	3,612 1,195 NPF-89	12/19/1974 04/06/1993 08/03/1993 N/A N/A 02/02/2033
Cooper Nuclear Station Nebraska Public Power District Brownville, NE (23 miles S of Nebraska City, NE) 05000298 https://www.nrc.gov/info-finder/reactors/cns.html	IV	BWR-MARK 1 GE 4 B&R B&R	2,419 770 DPR-46	06/04/1968 01/18/1974 07/01/1974 11/29/2010 N/A 01/18/2034
Davis-Besse Nuclear Power Station, Unit 1 Energy Harbor Nuclear Generation LLC Energy Harbor Nuclear Corp. Oak Harbor, OH (21 miles ESE of Toledo, OH) 05000346 https://www.nrc.gov/info-finder/reactors/davi.html	III	PWR-DRYAMB B&W RLP BECH B&W	2,817 894 NPF-3	03/24/1971 04/22/1977 07/31/1978 12/08/2015 N/A 04/22/2037
Diablo Canyon Power Plant, Unit 1 Pacific Gas & Electric Co. Avila Beach, CA (12 miles WSW of San Luis Obispo, CA) 05000275 https://www.nrc.gov/info-finder/reactors/diab1.html	IV	PWR-DRYAMB WEST 4LP PG&E PG&E	3,411 1,122 DPR-80	4/23/1968 11/02/1984 05/07/1985 Withdrawn N/A 11/02/2024

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Diablo Canyon Power Plant, Unit 2 Pacific Gas & Electric Co. Avila Beach, CA (12 miles WSW of San Luis Obispo, CA) 05000323 https://www.nrc.gov/info-finder/reactors/diab2.html	IV	PWR-DRYAMB WEST 4LP PG&E PG&E	3,411 1,118 DPR-82	12/09/1970 08/26/1985 03/13/1986 Withdrawn N/A 08/26/2025
Donald C. Cook Nuclear Plant, Unit 1 Indiana Michigan Power Co. Bridgman, MI (13 miles S of Benton Harbor, MI) 05000315 https://www.nrc.gov/info-finder/reactors/cook1.html	III	PWR-ICECND WEST 4LP AEP AEP	3,304 1,009 DPR-58	03/25/1969 10/25/1974 08/28/1975 08/30/2005 N/A 10/25/2034
Donald C. Cook Nuclear Plant, Unit 2 Indiana Michigan Power Co. Bridgman, MI (13 miles S of Benton Harbor, MI) 05000316 https://www.nrc.gov/info-finder/reactors/cook2.html	III	PWR-ICECND WEST 4LP AEP AEP	3,468 1,168 DPR-74	03/25/1969 12/23/1977 07/01/1978 08/30/2005 N/A 12/23/2037
Dresden Nuclear Power Station, Unit 2 Constellation Energy Generation Co., LLC Morris (Grundy County), IL (25 miles SW of Joliet, IL) 05000237 https://www.nrc.gov/info-finder/reactors/dres2.html	III	BWR-MARK 1 GE 3 S&L UE&C	2,957 902 DPR-19	01/10/1966 02/20/1991 ^A 06/09/1970 10/28/2004 N/A 12/22/2029
Dresden Nuclear Power Station, Unit 3 Constellation Energy Generation Co., LLC Morris (Grundy County), IL (25 miles SW of Joliet, IL) 05000249 https://www.nrc.gov/info-finder/reactors/dres3.html	III	BWR-MARK 1 GE 3 S&L UE&C	2,957 895 DPR-25	10/14/1966 01/12/1971 11/16/1971 10/28/2004 N/A 01/12/2031
Edwin I. Hatch Nuclear Plant, Unit 1 Southern Nuclear Operating Co., Inc. Baxley, GA (20 miles S of Vidalia, GA) 05000321 https://www.nrc.gov/info-finder/reactors/hat1.html	II	BWR-MARK 1 GE 4 BECH GPC	2,804 876 DPR-57	09/30/1969 10/13/1974 12/31/1975 01/15/2002 N/A 08/06/2034

A: The Atomic Energy Commission (AEC) issued a provisional operating license (OL) on 12/22/1969, allowing commercial operation. The NRC issued a full-term OL on 02/20/1991.

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Edwin I. Hatch Nuclear Plant, Unit 2 Southern Nuclear Operating Co., Inc. Baxley, GA (20 miles S of Vidalia, GA) 05000366 https://www.nrc.gov/info-finder/reactors/hat2.html	II	BWR-MARK 1 GE 4 BECH GPC	2,804 883 NPF-5	12/27/1972 06/13/1978 09/05/1979 01/15/2002 N/A 06/13/2038
Fermi, Unit 2 DTE Electric Company Newport, MI (25 miles NE of Toledo, OH) 05000341 https://www.nrc.gov/info-finder/reactors/ferm2.html	III	BWR-MARK 1 GE 4 S&L DANI	3,486 1,141 NPF-43	09/26/1972 03/20/1985 01/23/1988 12/15/2016 N/A 03/20/2045
Grand Gulf Nuclear Station, Unit 1 Entergy Operations, Inc. Port Gibson, MS (20 miles S of Vicksburg, MS) 05000416 https://www.nrc.gov/info-finder/reactors/gg1.html	IV	BWR-MARK 3 GE 6 BECH BECH	4,408 1,401 NPF-29	09/04/1974 11/01/1984 07/01/1985 12/01/2016 N/A 11/01/2044
H.B. Robinson Steam Electric Plant, Unit 2 Duke Energy Progress, LLC Hartsville, SC (26 miles NW of Florence, SC) 05000261 https://www.nrc.gov/info-finder/reactors/rob2.html	II	PWR-DRYAMB WEST 3LP EBSO EBSO	2,339 759 DPR-23	04/13/1967 07/31/1970 03/07/1971 04/19/2004 N/A 07/31/2030
Hope Creek Generating Station, Unit 1 PSEG Nuclear, LLC Hancocks Bridge, NJ (18 miles SE of Wilmington, DE) 05000354 https://www.nrc.gov/info-finder/reactors/hope.html	I	BWR-MARK 1 GE 4 BECH BECH	3,902 1,172 NPF-57	11/04/1974 07/25/1986 12/20/1986 07/20/2011 N/A 04/11/2046
James A. FitzPatrick Nuclear Power Plant Constellation Energy Generation Co., LLC Scriba, NY (6 miles NE of Oswego, NY) 05000333 https://www.nrc.gov/info-finder/reactors/fitz.html	I	BWR-MARK 1 GE 4 S&W S&W	2,536 848 DPR-59	05/20/1970 10/17/1974 07/28/1975 09/08/2008 N/A 10/17/2034

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Joseph M. Farley Nuclear Plant, Unit 1 Southern Nuclear Operating Co., Inc. Columbia, AL (18 miles E of Dothan, AL) 05000348 https://www.nrc.gov/info-finder/reactors/far1.html	II	PWR-DRYAMB WEST 3LP SSI DANI	2,775 874 NPF-2	08/16/1972 06/25/1977 12/01/1977 05/12/2005 N/A 06/25/2037
Joseph M. Farley Nuclear Plant, Unit 2 Southern Nuclear Operating Co., Inc. Columbia, AL (18 miles E of Dothan, AL) 05000364 https://www.nrc.gov/info-finder/reactors/far2.html	II	PWR-DRYAMB WEST 3LP SSI BECH	2,775 877 NPF-8	08/16/1972 03/31/1981 07/30/1981 05/12/2005 N/A 03/31/2041
LaSalle County Station, Unit 1 Constellation Energy Generation Co., LLC Marseilles, IL (11 miles SE of Ottawa, IL) 05000373 https://www.nrc.gov/info-finder/reactors/lasa1.html	III	BWR-MARK 2 GE 5 S&L CWE	3,546 1,131 NPF-11	09/10/1973 04/17/1982 01/01/1984 10/19/2016 N/A 04/17/2042
LaSalle County Station, Unit 2 Constellation Energy Generation Co., LLC Marseilles, IL (11 miles SE of Ottawa, IL) 05000374 https://www.nrc.gov/info-finder/reactors/lasa2.html	III	BWR-MARK 2 GE 5 S&L CWE	3,546 1,134 NPF-18	09/10/1973 12/16/1983 10/19/1984 10/19/2016 N/A 12/16/2043
Limerick Generating Station, Unit 1 Constellation Energy Generation Co., LLC Limerick, PA (21 miles NW of Philadelphia, PA) 05000352 https://www.nrc.gov/info-finder/reactors/lim1.html	I	BWR-MARK 2 GE 4 BECH BECH	3,515 1,120 NPF-39	06/19/1974 08/08/1985 02/01/1986 10/20/2014 N/A 10/26/2044
Limerick Generating Station, Unit 2 Constellation Energy Generation Co., LLC Limerick, PA (21 miles NW of Philadelphia, PA) 05000353 https://www.nrc.gov/info-finder/reactors/lim2.html	I	BWR-MARK 2 GE 4 BECH BECH	3,515 1,122 NPF-85	06/19/1974 08/25/1989 01/08/1990 10/20/2014 N/A 06/22/2049

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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 MWe License Number	CP Issued OL Issued Comm. Op LR Issued SR Issued Exp. Date
McGuire Nuclear Station, Unit 1 Duke Energy Carolinas, LLC Huntersville, NC (17 miles N of Charlotte, NC) 05000369 https://www.nrc.gov/info-finder/reactors/mcg1.html	II	PWR-ICECND WEST 4LP DUKE DUKE	3,411 1,158 NPF-9	02/23/1973 05/27/1981 12/01/1981 12/05/2003 N/A 06/12/204
McGuire Nuclear Station, Unit 2 Duke Energy Carolinas, LLC Huntersville, NC (17 miles N of Charlotte, NC) 05000370 https://www.nrc.gov/info-finder/reactors/mcg2.html	II	PWR-ICECND WEST 4LP DUKE DUKE	3,411 1,158 NPF-17	02/23/1973 05/27/1983 03/01/1984 12/05/2003 N/A 03/03/2043
Millstone Power Station, Unit 2 Dominion Energy Nuclear Connecticut, Inc. Waterford, CT (3.2 miles WSW of New London, CT) 05000336 https://www.nrc.gov/info-finder/reactors/mill2.html	I	PWR-DRYAMB CE BECH BECH	2,700 853 DPR-65	12/11/1970 09/26/1975 12/26/1975 11/28/2005 N/A 07/31/2035
Millstone Power Station, Unit 3 Dominion Energy Nuclear Connecticut, Inc. Waterford, CT (3.2 miles WSW of New London, CT) 05000423 https://www.nrc.gov/info-finder/reactors/mill3.html	I	PWR-DRYSUB WEST 4LP S&W S&W	3,650 1,220 NPF-49	08/09/1974 01/31/1986 04/23/1986 11/28/2005 N/A 11/25/2045
Monticello Nuclear Generating Plant, Unit 1 Northern States Power Company-Minnesota Monticello, MN (30 miles NW of Minneapolis, MN) 05000263 https://www.nrc.gov/info-finder/reactors/mont.html	III	BWR-MARK 1 GE 3 BECH BECH	2,004 617 DPR-22	06/19/1967 01/09/1981 ^B 06/30/1971 11/08/2006 N/A 09/08/2030
Nine Mile Point Nuclear Station, Unit 1 Nine Mile Point Nuclear Station, LLC Scriba, NY (6 miles NE of Oswego, NY) 05000220 https://www.nrc.gov/info-finder/reactors/nmp1.html	I	BWR-MARK 1 GE 2 NIAG S&W	1,850 621 DPR-63	04/12/1965 12/26/1974 ^C 12/01/1969 10/31/2006 N/A 08/22/2029

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

C: The 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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Nine Mile Point Nuclear Station, Unit 2 Nine Mile Point Nuclear Station, LLC Scriba, NY (6 miles NE of Oswego, NY) 05000410 https://www.nrc.gov/info-finder/reactors/nmp2.html	I	BWR-MARK 2 GE 5 S&W S&W	3,988 1,292 NPF-69	06/24/1974 07/02/1987 03/11/1988 10/31/2006 N/A 10/31/2046
North Anna Power Station, Unit 1 Virginia Electric & Power Co. Mineral (Louisa County), VA (40 miles NW of Richmond, VA) 05000338 https://www.nrc.gov/info-finder/reactors/na1.html	II	PWR-DRYSUB WEST 3LP S&W S&W	2,940 948 NPF-4	02/19/1971 04/01/1978 06/06/1978 03/20/2003 N/A 04/01/2038
North Anna Power Station, Unit 2 Virginia Electric & Power Co. Mineral (Louisa County), VA (40 miles NW of Richmond, VA) 05000339 https://www.nrc.gov/info-finder/reactors/na2.html	II	PWR-DRYSUB WEST 3LP S&W S&W	2,940 944 NPF-7	02/19/1971 08/21/1980 12/14/1980 03/20/2003 N/A 08/21/2040
Oconee Nuclear Station, Unit 1 Duke Energy Carolinas, LLC Seneca, SC (30 miles W of Greenville, SC) 05000269 https://www.nrc.gov/info-finder/reactors/oco1.html	II	PWR-DRYAMB B&W LLP DBDB DUKE	2,610 847 DPR-38	11/06/1967 02/06/1973 07/15/1973 05/23/2000 N/A 02/06/2033
Oconee Nuclear Station, Unit 2 Duke Energy Carolinas, LLC Seneca, SC (30 miles W of Greenville, SC) 05000270 https://www.nrc.gov/info-finder/reactors/oco2.html	II	PWR-DRYAMB B&W LLP DBDB DUKE	2,610 848 DPR-47	11/06/1967 10/06/1973 09/09/1974 05/23/2000 N/A 10/06/2033
Oconee Nuclear Station, Unit 3 Duke Energy Carolinas, LLC Seneca, SC (30 miles W of Greenville, SC) 05000287 https://www.nrc.gov/info-finder/reactors/oco3.html	II	PWR-DRYAMB B&W LLP DBDB DUKE	2,610 859 DPR-55	11/06/1967 07/19/1974 12/16/1974 05/23/2000 N/A 07/19/2034
Palo Verde Nuclear Generating Station, Unit 1 Arizona Public Service Company Wintersburg, AZ (50 miles W of Phoenix, AZ) 05000528 https://www.nrc.gov/info-finder/reactors/palo1.html	IV	PWR-DRYAMB CE 80-2L BECH BECH	3,990 1,311 NPF-41	05/25/1976 06/01/1985 01/28/1986 04/21/2011 N/A 06/01/2045

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Palo Verde Nuclear Generating Station, Unit 2 Arizona Public Service Company Wintersburg, AZ (50 miles W of Phoenix, AZ) 05000529 https://www.nrc.gov/info-finder/reactors/palo2.html	IV	PWR-DRYAMB CE 80-2L BECH BECH	3,990 1,314 NPF-51	05/25/1976 04/24/1986 09/19/1986 04/21/2011 N/A 04/24/2046
Palo Verde Nuclear Generating Station, Unit 3 Arizona Public Service Company Wintersburg, AZ (50 miles W of Phoenix, AZ) 05000530 https://www.nrc.gov/info-finder/reactors/palo3.html	IV	PWR-DRYAMB CE 80-2L BECH BECH	3,990 1,312 NPF-74	05/25/1976 11/25/1987 01/08/1988 04/21/2011 N/A 11/25/2047
Peach Bottom Atomic Power Station, Unit 2 Constellation Energy Generation Co., LLC Delta, PA (17.9 miles S of Lancaster, PA) 05000277 https://www.nrc.gov/info-finder/reactors/pb2.html	I	BWR-MARK 1 GE 4 BECH BECH	4,016 1,265 DPR-44	01/31/1968 10/25/1973 07/05/1974 05/07/2003 03/05/2020 08/08/2053
Peach Bottom Atomic Power Station, Unit 3 Constellation Energy Generation Co., LLC Delta, PA (17.9 miles S of Lancaster, PA) 05000278 https://www.nrc.gov/info-finder/reactors/pb3.html	I	BWR-MARK 1 GE 4 BECH BECH	4,016 1,285 DPR-56	01/31/1968 07/02/1974 12/23/1974 05/07/2003 03/05/2020 07/02/2054
Perry Nuclear Power Plant, Unit 1 Energy Harbor Nuclear Generation LLC/ Energy Harbor Nuclear Corp. Perry, OH (35 miles NE of Cleveland, OH) 05000440 https://www.nrc.gov/info-finder/reactors/perr1.html	III	BWR-MARK 3 GE 6 GIL KAIS	3,758 1,240 NPF-58	05/03/1977 11/13/1986 11/18/1987 N/A N/A 03/18/2026
Point Beach Nuclear Plant, Unit 1 NextEra Energy Point Beach, LLC Two Rivers, WI (13 miles NNW of Manitowoc, WI) 05000266 https://www.nrc.gov/info-finder/reactors/poin1.html	III	PWR-DRYAMB WEST 2LP BECH BECH	1,800 598 DPR-24	07/19/1967 10/05/1970 12/21/1970 12/22/2005 N/A 10/05/2030

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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 MWe License Number	CP Issued OL Issued Comm. Op LR Issued SR Issued Exp. Date
Point Beach Nuclear Plant, Unit 2 NextEra Energy Point Beach, LLC Two Rivers, WI (13 miles NNW of Manitowoc, WI) 05000301 https://www.nrc.gov/info-finder/reactors/poin2.html	III	PWR-DRYAMB WEST 2LP BECH BECH	1,800 603 DPR-27	07/25/1968 03/08/1973 ^D 10/01/1972 12/22/2005 N/A 03/08/2033
Prairie Island Nuclear Generating Plant, Unit 1 Northern States Power Co.—Minnesota Welch, MN (28 miles SE of Minneapolis, MN) 05000282 https://www.nrc.gov/info-finder/reactors/prai1.html	III	PWR-DRYAMB WEST 2LP FLUR NSP	1,677 521 DPR-42	06/25/1968 04/05/1974 ^E 12/16/1973 06/27/2011 N/A 08/09/2033
Prairie Island Nuclear Generating Plant, Unit 2 Northern States Power Co.—Minnesota Welch, MN (28 miles SE of Minneapolis, MN) 05000306 https://www.nrc.gov/info-finder/reactors/prai2.html	III	PWR-DRYAMB WEST 2LP FLUR NSP	1,677 519 DPR-60	06/25/1968 10/29/1974 12/21/1974 06/27/2011 N/A 10/29/2034
Quad Cities Nuclear Power Station, Unit 1 Constellation Energy Generation Co., LLC Cordova, IL (20 miles NE of Moline, IL) 05000254 https://www.nrc.gov/info-finder/reactors/quad1.html	III	BWR-MARK 1 GE 3 S&L UE&C	2,957 908 DPR-29	02/15/1967 12/14/1972 02/18/1973 10/28/2004 N/A 12/14/2032
Quad Cities Nuclear Power Station, Unit 2 Constellation Energy Generation Co., LLC Cordova, IL (20 miles NE of Moline, IL) 05000265 https://www.nrc.gov/info-finder/reactors/quad2.html	III	BWR-MARK 1 GE 3 S&L UE&C	2,957 911 DPR-30	02/15/1967 12/14/1972 03/10/1973 10/28/2004 N/A 12/14/2032
R.E. Ginna Nuclear Power Plant R.E. Ginna Nuclear Power Plant, LLC Ontario, NY (20 miles NE of Rochester, NY) 05000244 https://www.nrc.gov/info-finder/reactors/ginn.html	I	PWR-DRYAMB WEST 2LP GIL BECH	1,775 581 DPR-18	04/25/1966 09/19/1969 07/01/1970 05/19/2004 N/A 09/18/2029

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

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

APPENDIX A

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 MWe License Number	CP Issued OL Issued Comm. Op LR Issued SR Issued Exp. Date
River Bend Station, Unit 1 Entergy Operations, Inc. St. Francisville, LA (24 miles NNW of Baton Rouge, LA) 05000458 https://www.nrc.gov/info-finder/reactors/rbs1.html	IV	BWR-MARK 3 GE 6 S&W S&W	3,091 968 NPF-47	03/25/1977 11/20/1985 06/16/1986 12/20/2018 N/A 08/29/2045
St. Lucie Plant, Unit 1 Florida Power & Light Co. Jensen Beach, FL (10 miles SE of Ft. Pierce, FL) 05000335 https://www.nrc.gov/info-finder/reactors/stl1.html	II	PWR-DRYAMB CE EBSO EBSO	3,020 981 DPR-67	07/01/1970 03/01/1976 12/21/1976 10/02/2003 N/A 03/01/2036
St. Lucie Plant, Unit 2 Florida Power & Light Co. Jensen Beach, FL (10 miles SE of Ft. Pierce, FL) 05000389 https://www.nrc.gov/info-finder/reactors/stl2.html	II	PWR-DRYAMB CE EBSO EBSO	3,020 987 NPF-16	05/02/1977 04/06/1983 08/08/1983 10/02/2003 N/A 04/06/2043
Salem Nuclear Generating Station, Unit 1 PSEG Nuclear, LLC Hancocks Bridge, NJ (18 miles SE of Wilmington, DE) 05000272 https://www.nrc.gov/info-finder/reactors/salm1.html	I	PWR-DRYAMB WEST 4LP PSEG UE&C	3,459 1,153 DPR-70	09/25/1968 12/01/1976 06/30/1977 06/30/2011 N/A 08/13/2036
Salem Nuclear Generating Station, Unit 2 PSEG Nuclear, LLC Hancocks Bridge, NJ (18 miles SE of Wilmington, DE) 05000311 https://www.nrc.gov/info-finder/reactors/salm2.html	I	PWR-DRYAMB WEST 4LP PSEG UE&C	3,459 1,142 DPR-75	09/25/1968 05/20/1981 10/13/1981 06/30/2011 N/A 04/18/2040
Seabrook Station, Unit 1 NextEra Energy Seabrook, LLC Seabrook, NH (13 miles S of Portsmouth, NH) 05000443 https://www.nrc.gov/info-finder/reactors/seab1.html	I	PWR-DRYAMB WEST 4LP UE&C UE&C	3,648 1,250 NPF-86	07/07/1976 03/15/1990 08/19/1990 03/12/2019 N/A 03/15/2050

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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 MWe License Number	CP Issued OL Issued Comm. Op LR Issued SR Issued Exp. Date
Sequoyah Nuclear Plant, Unit 1 Tennessee Valley Authority Soddy-Daisy, TN (16 miles NE of Chattanooga, TN) 05000327 https://www.nrc.gov/info-finder/reactors/seq1.html	II	PWR-ICECND WEST 4LP TVA TVA	3,455 1,152 DPR-77	05/27/1970 09/17/1980 07/01/1981 09/24/2015 N/A 09/17/2040
Sequoyah Nuclear Plant, Unit 2 Tennessee Valley Authority Soddy-Daisy, TN (16 miles NE of Chattanooga, TN) 05000328 https://www.nrc.gov/info-finder/reactors/seq2.html	II	PWR-ICECND WEST 4LP TVA TVA	3,455 1,126 DPR-79	05/27/1970 09/15/1981 06/01/1982 09/28/2015 N/A 09/15/2041
Shearon Harris Nuclear Power Plant, Unit 1 Duke Energy Progress, Inc. New Hill, NC (20 miles SW of Raleigh, NC) 05000400 https://www.nrc.gov/info-finder/reactors/har1.html	II	PWR-DRYAMB WEST 3LP EBSO DANI	2,948 964 NPF-63	01/27/1978 10/24/1986 05/02/1987 12/17/2008 N/A 10/24/2046
South Texas Project, Unit 1 STP Nuclear Operating Co. Bay City, TX (90 miles SW of Houston, TX) 05000498 https://www.nrc.gov/info-finder/reactors/stp1.html	IV	PWR-DRYAMB WEST 4LP BECH EBSO	3,853 1,280 NPF-76	12/22/1975 03/22/1988 08/25/1988 09/28/2017 N/A 08/20/2047
South Texas Project, Unit 2 STP Nuclear Operating Co. Bay City, TX (90 miles SW of Houston, TX) 05000499 https://www.nrc.gov/info-finder/reactors/stp2.html	IV	PWR-DRYAMB WEST 4LP BECH EBSO	3,853 1,280 NPF-80	12/22/1975 03/28/1989 06/19/1989 09/28/2017 N/A 12/15/2048
Surry Power Station, Unit 1 Virginia Electric and Power Co. Surry, VA (17 miles NW of Newport News, VA) 05000280 https://www.nrc.gov/info-finder/reactors/sur1.html	II	PWR-DRYSUB WEST 3LP S&W S&W	2,587 838 DPR-32	06/25/1968 05/25/1972 12/22/1972 03/20/2003 05/04/2021 05/25/2052

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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 MWe License Number	CP Issued OL Issued Comm. Op LR Issued SR Issued Exp. Date
Surry Power Station, Unit 2 Virginia Electric and Power Co. Surry, VA (17 miles NW of Newport News, VA) 05000281 https://www.nrc.gov/info-finder/reactors/sur2.html	II	PWR-DRYSUB WEST 3LP S&W S&W	2,587 838 DPR-37	06/25/1968 01/29/1973 05/01/1973 03/20/2003 05/04/2021 01/29/2053
Susquehanna Steam Electric Station, Unit 1 Susquehanna Nuclear, LLC Salem Township (Luzerne County), PA (70 miles NE of Harrisburg, PA) 05000387 https://www.nrc.gov/info-finder/reactors/susq1.html	I	BWR-MARK 2 GE 4 BECH BECH	3,952 1,247 NPF-14	11/03/1973 07/17/1982 06/08/1983 11/24/2009 N/A 07/17/2042
Susquehanna Steam Electric Station, Unit 2 Susquehanna Nuclear, LLC Salem Township (Luzerne County), PA (70 miles NE of Harrisburg, PA) 05000388 https://www.nrc.gov/info-finder/reactors/susq2.html	I	BWR-MARK 2 GE 4 BECH BECH	3,952 1,247 NPF-22	11/03/1973 03/23/1984 02/12/1985 11/24/2009 N/A 03/23/2044
Turkey Point Nuclear Generating, Unit 3 Florida Power & Light Co. Homestead, FL (20 miles S of Miami, FL) 05000250 https://www.nrc.gov/info-finder/reactors/tp3.html	II	PWR-DRYAMB WEST 3LP BECH BECH	2,644 837 DPR-31	04/27/1967 07/19/1972 12/14/1972 06/06/2002 12/04/2019 07/19/2052
Turkey Point Nuclear Generating, Unit 4 Florida Power & Light Co. Homestead, FL (20 miles S of Miami, FL) 05000251 https://www.nrc.gov/info-finder/reactors/tp4.html	II	PWR-DRYAMB WEST 3LP BECH BECH	2,644 861 DPR-41	04/27/1967 04/10/1973 09/07/1973 06/06/2002 12/04/2019 04/10/2053
Virgil C. Summer Nuclear Station, Unit 1 Dominion Energy South Carolina, Inc. Jenkinsville, SC (26 miles NW of Columbia, SC) 05000395 https://www.nrc.gov/info-finder/reactors/sum.html	II	PWR-DRYAMB WEST 3LP GIL DANI	2,900 971 NPF-12	03/21/1973 11/12/1982 01/01/1984 04/23/2004 N/A 08/06/2042

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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 MWe License Number	CP Issued OL Issued Comm. Op LR Issued SR Issued Exp. Date
Vogtle Electric Generating Plant, Unit 1 Southern Nuclear Operating Co., Inc. Waynesboro, GA (26 miles SE of Augusta, GA) 05000424 https://www.nrc.gov/info-finder/reactors/vog1.html	II	PWR-DRYAMB WEST 4LP SBEC GPC	3,625.6 1,150 NPF-68	06/28/1974 03/16/1987 06/01/1987 06/03/2009 N/A 01/16/2047
Vogtle Electric Generating Plant, Unit 2 Southern Nuclear Operating Co., Inc. Waynesboro, GA (26 miles SE of Augusta, GA) 05000425 https://www.nrc.gov/info-finder/reactors/vog2.html	II	PWR-DRYAMB WEST 4LP SBEC GPC	3,625.6 1,152 NPF-81	06/28/1974 03/31/1989 05/20/1989 06/03/2009 N/A 02/09/2049
Waterford Steam Electric Station, Unit 3 Entergy Operations, Inc. Killona, LA (25 miles W of New Orleans, LA) 05000382 https://www.nrc.gov/info-finder/reactors/wat3.html	IV	PWR-DRYAMB COMB CE EBSO EBSO	3,716 1,165 NPF-38	11/14/1974 03/16/1985 09/24/1985 12/27/2018 N/A 12/18/2044
Watts Bar Nuclear Plant, Unit 1 Tennessee Valley Authority Spring City, TN (60 miles SW of Knoxville, TN) 05000390 https://www.nrc.gov/info-finder/reactors/wb1.html	II	PWR-ICECND WEST 4LP TVA TVA	3,459 1,123 NPF-90	01/23/1973 02/07/1996 05/27/1996 N/A N/A 11/09/2035
Watts Bar Nuclear Plant, Unit 2 Tennessee Valley Authority Spring City, TN (60 miles SW of Knoxville, TN) 05000391 https://www.nrc.gov/info-finder/reactors/wb2.html	II	PWR-ICECND WEST 4LP TVA TVA	3,411 1,122 NPF-96	01/24/1973 10/22/2015 10/19/2016 N/A N/A 10/22/2055
Wolf Creek Generating Station, Unit 1 Wolf Creek Nuclear Operating Corp. Burlington (Coffey County), KS (28 miles SE of Emporia, KS) 05000482 https://www.nrc.gov/info-finder/reactors/wc.html	IV	PWR-DRYAMB WEST 4LP BECH DANI	3,565 NPF-42	05/17/1977 06/04/1985 ^F 09/03/1985 11/20/2008 N/A 03/11/2045

F: The original OL (NPF-32) was issued on 03/11/1985. The license was superseded by OL NPF-42, issued on 06/04/1985.

APPENDIX A

Commercial Nuclear Power Reactors

Operating Reactors Under Active Construction or Deferred Policy

Plant Name, Unit Number Licensee Location Docket Number NRC Web page Address	NRC Region	Con Type NSSS Architect Engineer Constructor	Licensed MWt MWe License Number	10 CFR 52.103(g) Finding COL Issued Comm. Op LR Issued Exp. Date
Bellefonte Nuclear Plant, Unit 1** Tennessee Valley Authority (6 miles NE of Scottsboro, AL) 05000438 https://www.nrc.gov/reactors/new-reactors/bellefonte-constr-permits.html	II	PWR-DRYAMB B&W 205 TVA TVA	3,763	12/24/1974
Bellefonte Nuclear Plant, Unit 2** Tennessee Valley Authority (6 miles NE of Scottsboro, AL) 05000439 https://www.nrc.gov/reactors/new-reactors/bellefonte-constr-permits.html	II	PWR-DRYAMB B&W 205 TVA TVA	3,763	12/24/1974
Enrico Fermi Nuclear Plant, Unit 3 DTE Electric Company Newport, MI (25 miles NE of Toledo, OH) 05200033 https://www.nrc.gov/reactors/new-reactors/col-holder/ferm3.html	III	ESBWR GEH	4,500 NPF-95	05/01/2015
North Anna Power Station, Unit 3 Dominion Virginia Power Mineral (Louisa County), VA (40 miles NW of Richmond, VA) 05200017 https://www.nrc.gov/reactors/new-reactors/col-holder/na3.html	II	BWR ESBWR GEH	4,500 NPF-103	06/02/2017
Turkey Point Plant, Unit 6 Florida Power and Light Homestead, FL (20 miles S of Miami, FL) 05200040 https://www.nrc.gov/reactors/new-reactors/col-holder/tp6.html	II	PWR AP1000 WEST 2LP	3,400 NPF-104	04/12/2018
Turkey Point Plant Unit 7 Florida Power and Light Homestead, FL (20 miles S of Miami, FL) 05200041 https://www.nrc.gov/reactors/new-reactors/col-holder/tp7.html	II	PWR AP1000 WEST 2LP	3,400 NPF-105	04/12/2018
Vogtle Electric Generating Plant, Unit 3 Southern Nuclear Operating Co., Inc. Waynesboro (Burke County), GA (26 miles SE of Augusta, GA) 05200025 https://www.nrc.gov/reactors/new-reactors/col-holder/vog3.html	II	PWR AP1000 WEST 2LP	3,400 NPF-91	02/10/2012 08/03/2022 08/03/2062

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Commercial Nuclear Power Reactors

Operating Reactors Under Active Construction or Deferred Policy (continued)

Plant Name, Unit Number Licensee Location Docket Number NRC Web page Address	NRC Region	Con Type NSSS Architect Engineer Constructor	Licensed MWt MWe License Number	10 CFR 52.103(g) Finding COL Issued Comm. Op. LR Issued Exp. Date
Vogtle Electric Generating Plant, Unit 4 Southern Nuclear Operating Co., Inc. Waynesboro (Burke County), GA (26 miles SE of Augusta, GA) 05200026 https://www.nrc.gov/reactors/new-reactors/col-holder/vog4.html	II	PWR AP1000 WEST 2LP	3,400 NPF-92	02/10/2012
William States Lee III Nuclear Station, Unit 3 ^A Duke Energy Carolinas Cherokee County, SC (2 miles SE of Gafney, SC) 05200018 https://www.nrc.gov/reactors/new-reactors/col-holder/lee1.html	II	PWR AP1000 WEST 2LP	3,400 NPF-101	12/19/2016
William States Lee III Nuclear Station, Unit 4 ^A Duke Energy Carolinas Cherokee County, SC (2 miles SE of Gafney, SC) 05200019 https://www.nrc.gov/reactors/new-reactors/col-holder/lee2.html	II	PWR AP1000 WEST 2LP	3,400 NPF-102	12/19/2016

A: In September 2017, Duke Energy announced cancellation of William States Lee III Nuclear Station, Units 3 and 4.

* Average capacity factor is listed in year order starting with 2014.

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

*** In June 2018, Nuclear Innovation North America submitted a letter requesting that South Texas Project, Units 3 and 4, combined licenses (COLs) be withdrawn.

Note: Plant names and data are as identified on the license as of September 2022.

Source: NRC, with some data compiled from the U.S. Department of Energy's (DOE's) Energy Information Administration (EIA).