

## APPENDIX A

### Commercial Nuclear Power Reactors Operating Reactors

| Plant Name, Unit Number<br>Licensee<br>Location<br>Docket Number<br>NRC Web page Address   | NRC<br>Region | Con Type<br>NSSS<br>Architect Engineer<br>Constructor | Licensed<br>MWt<br>MWe<br>License<br>Number | CP Issued<br>OL Issued<br>Comm. Op<br>LR Issued<br>SR Issued<br>Exp. Date | 2015–<br>2020*<br>Capacity<br>Factor<br>(Percent) |
|--|---------------|---|---|---|---|
| Arkansas Nuclear One, Unit 1<br>Entergy Operations, Inc.<br>London, AR<br>(6 miles WNW of Russellville, AR)<br>05000313<br><a href="https://www.nrc.gov/info-finder/reactors/ano1.html">https://www.nrc.gov/info-finder/reactors/ano1.html</a>   | IV            | PWR-DRYAMB<br>B&W LLP<br>BECH<br>BECH                 | 2,568<br>833<br><br>DPR-51                  | 12/06/1968<br>05/21/1974<br>12/19/1974<br>06/20/2001<br>N/A<br>05/20/2034 | 82<br>72<br>87<br>76<br>87<br>102                 |
| Arkansas Nuclear One, Unit 2<br>Entergy Operations, Inc.<br>London, AR<br>(6 miles WNW of Russellville, AR)<br>05000368<br><a href="https://www.nrc.gov/info-finder/reactors/ano2.html">https://www.nrc.gov/info-finder/reactors/ano2.html</a>   | IV            | PWR-DRYAMB<br>CE<br>BECH<br>BECH                      | 3,026<br>985<br><br>NPF-6                   | 12/06/1972<br>09/01/1978<br>03/26/1980<br>06/30/2005<br>N/A<br>07/17/2038 | 89<br>94<br>70<br>82<br>82<br>88                  |
| Beaver Valley Power Station, Unit 1<br>Energy Harbor Nuclear Generation LLC/<br>Energy Harbor Nuclear Corp.<br>Shippingport, PA<br>(17 miles W of McCandless, PA)<br>05000334<br><a href="https://www.nrc.gov/info-finder/reactors/bv1.html">https://www.nrc.gov/info-finder/reactors/bv1.html</a> | I<br>WEST 3LP | PWR-DRYAMB<br>907<br>S&W<br>S&W                       | 2,900<br><br><br>DPR-66                     | 06/26/1970<br>07/02/1976<br>10/01/1976<br>11/05/2009<br>N/A<br>01/29/2036 | 90<br>91<br>99<br>92<br>91<br>101                 |
| Beaver Valley Power Station, Unit 2<br>Energy Harbor Nuclear Generation LLC/<br>Energy Harbor Nuclear Corp.<br>Shippingport, PA<br>(17 miles W of McCandless, PA)<br>05000412<br><a href="https://www.nrc.gov/info-finder/reactors/bv2.html">https://www.nrc.gov/info-finder/reactors/bv2.html</a> | I             | PWR-DRYAMB<br>WEST 3LP<br>S&W<br>S&W                  | 2,900<br>901<br><br>NPF-73                  | 05/03/1974<br>08/14/1987<br>11/17/1987<br>11/05/2009<br>N/A<br>05/27/2047 | 90<br>97<br>90<br>90<br>100<br>93                 |
| Braidwood Station, Unit 1<br>Exelon Generation Co., LLC<br>Braceville, IL<br>(20 miles SSW of Joliet, IL)<br>05000456<br><a href="https://www.nrc.gov/info-finder/reactors/brai1.html">https://www.nrc.gov/info-finder/reactors/brai1.html</a>   | III           | PWR-DRYAMB<br>WEST 4LP<br>S&L<br>CWE                  | 3,645<br>1,183<br><br>NPF-72                | 12/31/1975<br>07/02/1987<br>07/29/1988<br>01/27/2016<br>N/A<br>10/17/2046 | 93<br>90<br>98<br>93<br>94<br>102                 |
| Braidwood Station, Unit 2<br>Exelon Generation Co., LLC<br>Braceville, IL<br>(20 miles SSW of Joliet, IL)<br>05000457<br><a href="https://www.nrc.gov/info-finder/reactors/brai2.html">https://www.nrc.gov/info-finder/reactors/brai2.html</a>   | III           | PWR-DRYAMB<br>WEST 4LP<br>S&L<br>CWE                  | 3,645<br>1,154<br><br>NPF-77                | 12/31/1975<br>05/20/1988<br>10/17/1988<br>01/27/2016<br>N/A<br>12/18/2047 | 91<br>95<br>88<br>92<br>100<br>96                 |

## APPENDIX A

### Commercial Nuclear Power Reactors Operating Reactors (continued)

| Plant Name, Unit Number<br>Licensee<br>Location<br>Docket Number<br>NRC Web page Address  | NRC<br>Region | Con Type<br>NSSS<br>Architect Engineer<br>Constructor | Licensed<br>MWt<br>MWe<br>License<br>Number    | CP Issued<br>OL Issued<br>Comm. Op<br>LR Issued<br>SR Issued<br>Exp. Date | 2015–<br>2020*<br>Capacity<br>Factor<br>(Percent) |
|---|---------------|---|--|---|---|
| Browns Ferry Nuclear Plant, Unit 1<br>Tennessee Valley Authority<br>Limestone County, AL<br>(10 miles S of Athens, AL)<br>05000259<br><a href="https://www.nrc.gov/info-finder/reactors/bf1.html">https://www.nrc.gov/info-finder/reactors/bf1.html</a>   | II            | BWR-MARK 1<br>GE 4<br>TVA<br>TVA                      | 3,952<br>1,256<br><br>DPR-33<br><br>12/20/2033 | 05/10/1967<br>12/20/1973<br>08/01/1974<br>05/04/2006<br>N/A<br>83         | 94<br>83<br>97<br>82<br>99                        |
| Browns Ferry Nuclear Plant, Unit 2<br>Tennessee Valley Authority<br>Limestone County, AL<br>(10 miles S of Athens, AL)<br>05000260<br><a href="https://www.nrc.gov/info-finder/reactors/bf2.html">https://www.nrc.gov/info-finder/reactors/bf2.html</a>   | II            | BWR-MARK 1<br>GE 4<br>TVA<br>TVA                      | 3,952<br>1,259<br><br>DPR-52                   | 05/10/1967<br>06/28/1974<br>03/01/1975<br>05/04/2006<br>N/A<br>06/28/2034 | 85<br>94<br>83<br>97<br>80<br>91                  |
| Browns Ferry Nuclear Plant, Unit 3<br>Tennessee Valley Authority<br>Limestone County, AL<br>(10 miles S of Athens, AL)<br>05000296<br><a href="https://www.nrc.gov/info-finder/reactors/bf3.html">https://www.nrc.gov/info-finder/reactors/bf3.html</a>   | II            | BWR-MARK 1<br>GE 4<br>TVA<br>TVA                      | 3,952<br>1,260<br><br>DPR-68                   | 07/31/1968<br>07/02/1976<br>03/01/1977<br>05/04/2006<br>N/A<br>07/02/2036 | 92<br>80<br>93<br>76<br>94<br>86                  |
| Brunswick Steam Electric Plant, Unit 1<br>Duke Energy Progress, LLC<br>Southport, NC<br>(20 miles S of Wilmington, NC)<br>05000325<br><a href="https://www.nrc.gov/info-finder/reactors/bru1.html">https://www.nrc.gov/info-finder/reactors/bru1.html</a> | II            | BWR-MARK 1<br>GE 4<br>UE&C<br>BRRT                    | 2,923<br>938<br><br>DPR-71                     | 02/07/1970<br>09/08/1976<br>03/18/1977<br>06/26/2006<br>N/A<br>09/08/2036 | 93<br>83<br>93<br>85<br>92<br>84                  |
| Brunswick Steam Electric Plant, Unit 2<br>Duke Energy Progress, LLC<br>Southport, NC<br>(20 miles S of Wilmington, NC)<br>05000324<br><a href="https://www.nrc.gov/info-finder/reactors/bru2.html">https://www.nrc.gov/info-finder/reactors/bru2.html</a> | II            | BWR-MARK 1<br>GE 4<br>UE&C<br>BRRT                    | 2,923<br>932<br><br>DPR-62                     | 02/07/1970<br>12/27/1974<br>11/03/1975<br>06/26/2006<br>N/A<br>12/27/2034 | 81<br>92<br>82<br>93<br>85<br>99                  |
| Byron Station, Unit 1<br>Exelon Generation Co., LLC<br>Byron, IL<br>(17 miles SW of Rockford, IL)<br>05000454<br><a href="https://www.nrc.gov/info-finder/reactors/byro1.html">https://www.nrc.gov/info-finder/reactors/byro1.html</a>                    | III           | PWR-DRYAMB<br>WEST 4LP<br>S&L<br>CWE                  | 3,645<br>1,164<br><br>NPF-37                   | 12/31/1975<br>02/14/1985<br>09/16/1985<br>11/19/2015<br>N/A<br>10/31/2044 | 88<br>97<br>89<br>94<br>100<br>96                 |
| Byron Station, Unit 2<br>Exelon Generation Co., LLC<br>Byron, IL<br>(17 miles SW of Rockford, IL)<br>05000455<br><a href="https://www.nrc.gov/info-finder/reactors/byro2.html">https://www.nrc.gov/info-finder/reactors/byro2.html</a>                    | III           | PWR-DRYAMB<br>WEST 4LP<br>S&L<br>CWE                  | 3,645<br>1,136<br><br>NPF-66                   | 12/31/1975<br>01/30/1987<br>08/02/1987<br>11/19/2015<br>N/A<br>11/06/2046 | 94<br>96<br>89<br>100<br>95<br>97                 |

## APPENDIX A

### Commercial Nuclear Power Reactors Operating Reactors (continued)

| Plant Name, Unit Number<br>Licensee<br>Location<br>Docket Number<br>NRC Web page Address   | NRC<br>Region | Con Type<br>NSSS<br>Architect Engineer<br>Constructor | Licensed<br>MWt<br>MWe<br>License<br>Number | CP Issued<br>OL Issued<br>Comm. Op<br>LR Issued<br>SR Issued<br>Exp. Date | 2015–<br>2020*<br>Capacity<br>Factor<br>(Percent) |
|--|---------------|---|---|---|---|
| Callaway Plant, Unit 1<br>Union Electric Co.<br>Fulton, MO<br>(25 miles ENE of Jefferson City, MO)<br>05000483<br><a href="https://www.nrc.gov/info-finder/reactors/call.html">https://www.nrc.gov/info-finder/reactors/call.html</a>  | IV            | PWR-DRYAMB<br>WEST 4LP<br>BECH<br>DANI                | 3,565<br>1190<br><br>NPF-30                 | 04/16/1976<br>10/18/1984<br>12/19/1984<br>03/06/2015<br>N/A<br>10/18/2044 | 96<br>87<br>77<br>100<br>86<br>74                 |
| Calvert Cliffs Nuclear Power Plant, Unit 1<br>Calvert Cliffs Nuclear Power Plant, LLC<br>Exelon Generation Co., LLC<br>Lusby, MD<br>(40 miles S of Annapolis, MD)<br>05000317<br><a href="https://www.nrc.gov/info-finder/reactors/calv1.html">https://www.nrc.gov/info-finder/reactors/calv1.html</a> | I             | PWR-DRYAMB<br>CE<br>BECH<br>BECH                      | 2,737<br>866<br><br>DPR-53                  | 07/07/1969<br>07/31/1974<br>05/08/1975<br>03/23/2000<br>N/A<br>07/31/2034 | 97<br>89<br>97<br>92<br>100<br>97                 |
| Calvert Cliffs Nuclear Power Plant, Unit 2<br>Calvert Cliffs Nuclear Power Plant, LLC<br>Exelon Generation Co., LLC<br>Lusby, MD<br>(40 miles S of Annapolis, MD)<br>05000318<br><a href="https://www.nrc.gov/info-finder/reactors/calv2.html">https://www.nrc.gov/info-finder/reactors/calv2.html</a> | I             | PWR-DRYAMB<br>CE<br>BECH<br>BECH                      | 2,737<br>842<br><br>DPR-69                  | 07/07/1969<br>08/13/1976<br>04/01/1977<br>03/23/2000<br>N/A<br>08/13/2036 | 86<br>95<br>91<br>100<br>92<br>104                |
| Catawba Nuclear Station, Unit 1<br>Duke Energy Carolinas, LLC<br>York, SC<br>(18 miles S of Charlotte, NC)<br>05000413<br><a href="https://www.nrc.gov/info-finder/reactors/cat1.html">https://www.nrc.gov/info-finder/reactors/cat1.html</a>  | II            | PWR-ICECND<br>WEST 4LP<br>DUKE<br>DUKE                | 3,469<br>1,160<br><br>NPF-35                | 08/07/1975<br>01/17/1985<br>06/29/1985<br>12/05/2003<br>N/A<br>12/05/2043 | 88<br>97<br>90<br>93<br>100<br>91                 |
| Catawba Nuclear Station, Unit 2<br>Duke Energy Carolinas, LLC<br>York, SC<br>(18 miles S of Charlotte, NC)<br>05000414<br><a href="https://www.nrc.gov/info-finder/reactors/cat2.html">https://www.nrc.gov/info-finder/reactors/cat2.html</a>  | II            | PWR-ICECND<br>WEST 4LP<br>DUKE<br>DUKE                | 3,411<br>1,150<br><br>NPF-52                | 08/07/1975<br>05/15/1986<br>08/19/1986<br>12/05/2003<br>N/A<br>12/05/2043 | 86<br>88<br>96<br>91<br>92<br>100                 |
| Clinton Power Station, Unit 1<br>Exelon Generation Co., LLC<br>Clinton, IL<br>(23 miles SSE of Bloomington, IL)<br>05000461<br><a href="https://www.nrc.gov/info-finder/reactors/clin.html">https://www.nrc.gov/info-finder/reactors/clin.html</a>   | III           | BWR-MARK 3<br>GE 6<br>S&L<br>BALD                     | 3,473<br>1,065<br><br>NPF-62                | 02/24/1976<br>04/17/1987<br>11/24/1987<br>N/A<br>N/A<br>09/29/2026        | 87<br>89<br>84<br>88<br>87<br>101                 |

## APPENDIX A

### Commercial Nuclear Power Reactors Operating Reactors (continued)

| Plant Name, Unit Number<br>Licensee<br>Location<br>Docket Number<br>NRC Web page Address  | NRC<br>Region | Con Type<br>NSSS<br>Architect Engineer<br>Constructor | Licensed<br>MWt<br>MWe<br>License<br>Number | CP Issued<br>OL Issued<br>Comm. Op<br>LR Issued<br>SR Issued<br>Exp. Date | 2015–<br>2020*<br>Capacity<br>Factor<br>(Percent) |
|---|---------------|---|---|---|---|
| Columbia Generating Station<br>Energy Northwest<br>Hanford Reservation in Benton County, WA<br>(15 miles NNW of Richland , WA)<br>05000397<br><a href="https://www.nrc.gov/info-finder/reactors/wash2.html">https://www.nrc.gov/info-finder/reactors/wash2.html</a>                                   | IV            | BWR-MARK 2<br>GE 5<br>B&R<br>BECH                     | 3,544<br>1,163<br>NPF-21                    | 03/19/1973<br>04/13/1984<br>12/13/1984<br>05/22/2012<br>N/A<br>12/20/2043 | 78<br>92<br>77<br>96<br>88<br>92                  |
| Comanche Peak Nuclear Power Plant, Unit 1<br>Comanche Peak Power Co., LLC.<br>Vistra Operating Co., LLC<br>Glen Rose, TX<br>(40 miles SW of Fort Worth, TX)<br>05000445<br><a href="https://www.nrc.gov/info-finder/reactors/cp1.html">https://www.nrc.gov/info-finder/reactors/cp1.html</a>          | IV            | PWR-DRYAMB<br>WEST 4LP<br>G&H<br>BRRT                 | 3,612<br>1,205<br>NPF-87                    | 12/19/1974<br>04/17/1990<br>08/13/1990<br>N/A<br>N/A<br>02/08/2030        | 100<br>92<br>91<br>100<br>89<br>92                |
| Comanche Peak Nuclear Power Plant, Unit 2<br>Comanche Peak Power Co., LLC.<br>Vistra Operating Co., LLC<br>Glen Rose, TX<br>(40 miles SW of Fort Worth, TX)<br>05000446<br><a href="https://www.nrc.gov/info-finder/reactors/cp2.html">https://www.nrc.gov/info-finder/reactors/cp2.html</a>          | IV            | PWR-DRYAMB<br>WEST 4LP<br>BECH<br>BRRT                | 3,612<br>1,195<br>NPF-89                    | 12/19/1974<br>04/06/1993<br>08/03/1993<br>N/A<br>N/A<br>02/02/2033        | 88<br>100<br>68<br>93<br>94<br>92                 |
| Cooper Nuclear Station<br>Nebraska Public Power District<br>Brownville, NE<br>(23 miles S of Nebraska City, NE)<br>05000298<br><a href="https://www.nrc.gov/info-finder/reactors/cns.html">https://www.nrc.gov/info-finder/reactors/cns.html</a>  | IV            | BWR-MARK 1<br>GE 4<br>B&R<br>B&R                      | 2,419<br>770<br>DPR-46                      | 06/04/1968<br>01/18/1974<br>07/01/1974<br>11/29/2010<br>N/A<br>01/18/2034 | 97<br>84<br>99<br>81<br>100<br>92                 |
| Davis-Besse Nuclear Power Station, Unit 1<br>Energy Harbor Nuclear Generation LLC<br>Energy Harbor Nuclear Corp.<br>Oak Harbor, OH<br>(21 miles ESE of Toledo, OH)<br>05000346<br><a href="https://www.nrc.gov/info-finder/reactors/davi.html">https://www.nrc.gov/info-finder/reactors/davi.html</a> | III           | PWR-DRYAMB<br>B&W RLP<br>BECH<br>B&W                  | 2,817<br>894<br>NPF-3                       | 03/24/1971<br>04/22/1977<br>07/31/1978<br>12/08/2015<br>N/A<br>04/22/2037 | 97<br>79<br>97<br>93<br>98<br>92                  |
| Diablo Canyon Nuclear Power Plant, Unit 1<br>Pacific Gas & Electric Co.<br>Avila Beach, CA<br>(12 miles WSW of San Luis Obispo, CA)<br>05000275<br><a href="https://www.nrc.gov/info-finder/reactors/diab1.html">https://www.nrc.gov/info-finder/reactors/diab1.html</a>                              | IV            | PWR-DRYAMB<br>WEST 4LP<br>PG&E<br>PG&E                | 3,411<br>1,122<br>DPR-80                    | 4/23/1968<br>11/02/1984<br>05/07/1985<br>Withdrawn<br>N/A<br>11/02/2024   | 87<br>98<br>81<br>98<br>89<br>90                  |

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### Commercial Nuclear Power Reactors Operating Reactors (continued)

| Plant Name, Unit Number<br>Licensee<br>Location<br>Docket Number<br>NRC Web page Address   | NRC<br>Region | Con Type<br>NSSS<br>Architect Engineer<br>Constructor | Licensed<br>MWt<br>MWe<br>License<br>Number | CP Issued<br>OL Issued<br>Comm. Op<br>LR Issued<br>SR Issued<br>Exp. Date              | 2015–<br>2020*<br>Capacity<br>Factor<br>(Percent) |
|--|---------------|---|---|--|---|
| Diablo Canyon Nuclear Power Plant, Unit 2<br>Pacific Gas & Electric Co.<br>Avila Beach, CA<br>(12 miles WSW of San Luis Obispo, CA)<br>05000323<br><a href="https://www.nrc.gov/info-finder/reactors/diab2.html">https://www.nrc.gov/info-finder/reactors/diab2.html</a> | IV            | PWR-DRYAMB<br>WEST 4LP<br>PG&E<br>PG&E                | 3,411<br>1,118<br><br>DPR-82                | 12/09/1970<br>08/26/1985<br>03/13/1986<br>Withdrawn<br>N/A<br>08/26/2025               | 95<br>88<br>95<br>87<br>75<br>75                  |
| Donald C. Cook Nuclear Plant, Unit 1<br>Indiana Michigan Power Co.<br>Bridgman, MI<br>(13 miles S of Benton Harbor, MI)<br>05000315<br><a href="https://www.nrc.gov/info-finder/reactors/cook1.html">https://www.nrc.gov/info-finder/reactors/cook1.html</a>             | III           | PWR-ICECND<br>WEST 4LP<br>AEP<br>AEP                  | 3,304<br>1,009<br><br>DPR-58                | 03/25/1969<br>10/25/1974<br>08/28/1975<br>08/30/2005<br>N/A<br>10/25/2034              | 78<br>82<br>72<br>100<br>79<br>94                 |
| Donald C. Cook Nuclear Plant, Unit 2<br>Indiana Michigan Power Co.<br>Bridgman, MI<br>(13 miles S of Benton Harbor, MI)<br>05000316<br><a href="https://www.nrc.gov/info-finder/reactors/cook2.html">https://www.nrc.gov/info-finder/reactors/cook2.html</a>             | III           | PWR-ICECND<br>WEST 4LP<br>AEP<br>AEP                  | 3,468<br>1,168<br><br>DPR-74                | 03/25/1969<br>12/23/1977<br>07/01/1978<br>08/30/2005<br>N/A<br>12/23/2037              | 79<br>71<br>104<br>79<br>84<br>97                 |
| Dresden Nuclear Power Station, Unit 2<br>Exelon Generation Co., LLC<br>Morris (Grundy County), IL<br>(25 miles SW of Joliet, IL)<br>05000237<br><a href="https://www.nrc.gov/info-finder/reactors/dres2.html">https://www.nrc.gov/info-finder/reactors/dres2.html</a>    | III           | BWR-MARK 1<br>GE 3<br>S&L<br>UE&C                     | 2,957<br>902<br><br>DPR-19                  | 01/10/1966<br>02/20/1991 <sup>A</sup><br>06/09/1970<br>10/28/2004<br>N/A<br>12/22/2029 | 83<br>91<br>84<br>99<br>89<br>101                 |
| Dresden Nuclear Power Station, Unit 3<br>Exelon Generation Co., LLC<br>Morris (Grundy County), IL<br>(25 miles SW of Joliet, IL)<br>05000249<br><a href="https://www.nrc.gov/info-finder/reactors/dres3.html">https://www.nrc.gov/info-finder/reactors/dres3.html</a>    | III           | BWR-MARK 1<br>GE 3<br>S&L<br>UE&C                     | 2,957<br>895<br><br>DPR-25                  | 10/14/1966<br>01/12/1971<br>11/16/1971<br>10/28/2004<br>N/A<br>01/12/2031              | 89<br>84<br>91<br>94<br>99<br>96                  |
| Edwin I. Hatch Nuclear Plant, Unit 1<br>Southern Nuclear Operating Co., Inc.<br>Baxley, GA<br>(20 miles S of Vidalia, GA)<br>05000321<br><a href="https://www.nrc.gov/info-finder/reactors/hat1.html">https://www.nrc.gov/info-finder/reactors/hat1.html</a>             | II            | BWR-MARK 1<br>GE 4<br>BECH<br>GPC                     | 2,804<br>876<br><br>DPR-57                  | 09/30/1969<br>10/13/1974<br>12/31/1975<br>01/15/2002<br>N/A<br>08/06/2034              | 101<br>93<br>97<br>91<br>98<br>83                 |

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.

## APPENDIX A

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|---|---------------|---|---|---|---|
| Edwin I. Hatch Nuclear Plant, Unit 2<br>Southern Nuclear Operating Co., Inc.<br>Baxley, GA<br>(20 miles S of Vidalia, GA)<br>05000366<br><a href="https://www.nrc.gov/info-finder/reactors/hat2.html">https://www.nrc.gov/info-finder/reactors/hat2.html</a>    | II            | BWR-MARK 1<br>GE 4<br>BECH<br>GPC                     | 2,804<br>883<br><br>NPF-5                   | 12/27/1972<br>06/13/1978<br>09/05/1979<br>01/15/2002<br>N/A<br>06/13/2038 | 91<br>101<br>95<br>95<br>82<br>97                 |
| Fermi, Unit 2<br>DTE Electric Company<br>Newport, MI<br>(25 miles NE of Toledo, OH)<br>05000341<br><a href="https://www.nrc.gov/info-finder/reactors/ferm2.html">https://www.nrc.gov/info-finder/reactors/ferm2.html</a>  | III           | BWR-MARK 1<br>GE 4<br>S&L<br>DANI                     | 3,486<br>1,141<br><br>NPF-43                | 09/26/1972<br>03/20/1985<br>01/23/1988<br>12/15/2016<br>N/A<br>03/20/2045 | 69<br>86<br>82<br>75<br>99<br>61                  |
| Grand Gulf Nuclear Station, Unit 1<br>Entergy Operations, Inc.<br>Port Gibson, MS<br>(20 miles S of Vicksburg, MS)<br>05000416<br><a href="https://www.nrc.gov/info-finder/reactors/gg1.html">https://www.nrc.gov/info-finder/reactors/gg1.html</a>             | IV            | BWR-MARK 3<br>GE 6<br>BECH<br>BECH                    | 4,408<br>1,401<br><br>NPF-29                | 09/04/1974<br>11/01/1984<br>07/01/1985<br>12/01/2016<br>N/A<br>11/01/2044 | 93<br>47<br>58<br>57<br>88<br>53                  |
| H.B. Robinson Steam Electric Plant, Unit 2<br>Duke Energy Progress, LLC<br>Hartsville, SC<br>(26 miles NW of Florence, SC)<br>05000261<br><a href="https://www.nrc.gov/info-finder/reactors/rob2.html">https://www.nrc.gov/info-finder/reactors/rob2.html</a>   | II            | PWR-DRYAMB<br>WEST 3LP<br>EBSO<br>EBSO                | 2,339<br>759<br><br>DPR-23                  | 04/13/1967<br>07/31/1970<br>03/07/1971<br>04/19/2004<br>N/A<br>07/31/2030 | 85<br>95<br>88<br>79<br>94<br>92                  |
| Hope Creek Generating Station, Unit 1<br>PSEG Nuclear, LLC<br>Hancocks Bridge, NJ<br>(18 miles SE of Wilmington, DE)<br>05000354<br><a href="https://www.nrc.gov/info-finder/reactors/hope.html">https://www.nrc.gov/info-finder/reactors/hope.html</a>         | I             | BWR-MARK 1<br>GE 4<br>BECH<br>BECH                    | 3,902<br>1,172<br><br>NPF-57                | 11/04/1974<br>07/25/1986<br>12/20/1986<br>07/20/2011<br>N/A<br>04/11/2046 | 83<br>85<br>94<br>90<br>84<br>103                 |
| James A. FitzPatrick Nuclear Power Plant<br>Exelon Generation Co., LLC<br>Scriba, NY<br>(6 miles NE of Oswego, NY)<br>05000333<br><a href="https://www.nrc.gov/info-finder/reactors/fitz.html">https://www.nrc.gov/info-finder/reactors/fitz.html</a>           | I             | BWR-MARK 1<br>GE 4<br>S&W<br>S&W                      | 2,536<br>848<br><br>DPR-59                  | 05/20/1970<br>10/17/1974<br>07/28/1975<br>09/08/2008<br>N/A<br>10/17/2034 | 96<br>76<br>80<br>89<br>100<br>89                 |
| Joseph M. Farley Nuclear Plant, Unit 1<br>Southern Nuclear Operating Co., Inc.<br>Columbia, AL<br>(18 miles E of Dothan, AL)<br>05000348<br><a href="https://www.nrc.gov/info-finder/reactors/far1.html">https://www.nrc.gov/info-finder/reactors/far1.html</a> | II            | PWR-DRYAMB<br>WEST 3LP<br>SSI<br>DANI                 | 2,775<br>874<br><br>NPF-2                   | 08/16/1972<br>06/25/1977<br>12/01/1977<br>05/12/2005<br>N/A<br>06/25/2037 | 86<br>86<br>100<br>84<br>91<br>102                |

## APPENDIX A

### Commercial Nuclear Power Reactors Operating Reactors (continued)

| Plant Name, Unit Number<br>Licensee<br>Location<br>Docket Number<br>NRC Web page Address  | NRC<br>Region | Con Type<br>NSSS<br>Architect Engineer<br>Constructor | Licensed<br>MWt<br>MWe<br>License<br>Number | CP Issued<br>OL Issued<br>Comm. Op<br>LR Issued<br>SR Issued<br>Exp. Date | 2015–<br>2020*<br>Capacity<br>Factor<br>(Percent) |
|---|---------------|---|---|---|---|
| Joseph M. Farley Nuclear Plant, Unit 2<br>Southern Nuclear Operating Co., Inc.<br>Columbia, AL<br>(18 miles E of Dothan, AL)<br>05000364<br><a href="https://www.nrc.gov/info-finder/reactors/far2.html">https://www.nrc.gov/info-finder/reactors/far2.html</a> | II            | PWR-DRYAMB<br>WEST 3LP<br>SSI<br>BECH                 | 2,775<br>877<br><br>NPF-8                   | 08/16/1972<br>03/31/1981<br>07/30/1981<br>05/12/2005<br>N/A<br>03/31/2041 | 98<br>90<br>91<br>99<br>92<br>91                  |
| LaSalle County Station, Unit 1<br>Exelon Generation Co., LLC<br>Marseilles, IL<br>(11 miles SE of Ottawa, IL)<br>05000373<br><a href="https://www.nrc.gov/info-finder/reactors/lasa1.html">https://www.nrc.gov/info-finder/reactors/lasa1.html</a>              | III           | BWR-MARK 2<br>GE 5<br>S&L<br>CWE                      | 3,546<br>1,131<br><br>NPF-11                | 09/10/1973<br>04/17/1982<br>01/01/1984<br>10/19/2016<br>N/A<br>04/17/2042 | 99<br>89<br>96<br>92<br>99<br>96                  |
| LaSalle County Station, Unit 2<br>Exelon Generation Co., LLC<br>Marseilles, IL<br>(11 miles SE of Ottawa, IL)<br>05000374<br><a href="https://www.nrc.gov/info-finder/reactors/lasa2.html">https://www.nrc.gov/info-finder/reactors/lasa2.html</a>              | III           | BWR-MARK 2<br>GE 5<br>S&L<br>CWE                      | 3,546<br>1,134<br><br>NPF-18                | 09/10/1973<br>12/16/1983<br>10/19/1984<br>10/19/2016<br>N/A<br>12/16/2043 | 83<br>95<br>88<br>98<br>92<br>102                 |
| Limerick Generating Station, Unit 1<br>Exelon Generation Co., LLC<br>Limerick, PA<br>(21 miles NW of Philadelphia, PA)<br>05000352<br><a href="https://www.nrc.gov/info-finder/reactors/lim1.html">https://www.nrc.gov/info-finder/reactors/lim1.html</a>       | I             | BWR-MARK 2<br>GE 4<br>BECH<br>BECH                    | 3,515<br>1,120<br><br>NPF-39                | 06/19/1974<br>08/08/1985<br>02/01/1986<br>10/20/2014<br>N/A<br>10/26/2044 | 100<br>93<br>100<br>92<br>99<br>93                |
| Limerick Generating Station, Unit 2<br>Exelon Generation Co., LLC<br>Limerick, PA<br>(21 miles NW of Philadelphia, PA)<br>05000353<br><a href="https://www.nrc.gov/info-finder/reactors/lim2.html">https://www.nrc.gov/info-finder/reactors/lim2.html</a>       | I             | BWR-MARK 2<br>GE 4<br>BECH<br>BECH                    | 3,515<br>1,122<br><br>NPF-85                | 06/19/1974<br>08/25/1989<br>01/08/1990<br>10/20/2014<br>N/A<br>06/22/2049 | 89<br>101<br>86<br>99<br>91<br>104                |
| McGuire Nuclear Station, Unit 1<br>Duke Energy Carolinas, LLC<br>Huntersville, NC<br>(17 miles N of Charlotte, NC)<br>05000369<br><a href="https://www.nrc.gov/info-finder/reactors/mcg1.html">https://www.nrc.gov/info-finder/reactors/mcg1.html</a>           | II            | PWR-ICECND<br>WEST 4LP<br>DUKE<br>DUKE                | 3,411<br>1,158<br><br>NPF-9                 | 02/23/1973<br>05/27/1981<br>12/01/1981<br>12/05/2003<br>N/A<br>06/12/2041 | 95<br>89<br>90<br>100<br>90<br>93                 |

## APPENDIX A

### Commercial Nuclear Power Reactors Operating Reactors (continued)

| Plant Name, Unit Number<br>Licensee<br>Location<br>Docket Number<br>NRC Web page Address  | NRC<br>Region | Con Type<br>NSSS<br>Architect Engineer<br>Constructor | Licensed<br>MWt<br>MWe<br>License<br>Number | CP Issued<br>OL Issued<br>Comm. Op<br>LR Issued<br>SR Issued<br>Exp. Date              | 2015–<br>2020*<br>Capacity<br>Factor<br>(Percent) |
|---|---------------|---|---|--|---|
| McGuire Nuclear Station, Unit 2<br>Duke Energy Carolinas, LLC<br>Huntersville, NC<br>(17 miles N of Charlotte, NC)<br>05000370<br><a href="https://www.nrc.gov/info-finder/reactors/mcg2.html">https://www.nrc.gov/info-finder/reactors/mcg2.html</a>                           | II            | PWR-ICECND<br>WEST 4LP<br>DUKE<br>DUKE                | 3,411<br>1,158<br><br>NPF-17                | 02/23/1973<br>05/27/1983<br>03/01/1984<br>12/05/2003<br>N/A<br>03/03/2043              | 87<br>97<br>86<br>92<br>100<br>95                 |
| Millstone Power Station, Unit 2<br>Dominion Energy Nuclear Connecticut, Inc.<br>Waterford, CT<br>(3.2 miles WSW of New London, CT)<br>05000336<br><a href="https://www.nrc.gov/info-finder/reactors/mill2.html">https://www.nrc.gov/info-finder/reactors/mill2.html</a>         | I             | PWR-DRYAMB<br>CE<br>BECH<br>BECH                      | 2,700<br>853<br><br>DPR-65                  | 12/11/1970<br>09/26/1975<br>12/26/1975<br>11/28/2005<br>N/A<br>07/31/2035              | 85<br>93<br>85<br>82<br>97<br>89                  |
| Millstone Power Station, Unit 3<br>Dominion Energy Nuclear Connecticut, Inc.<br>Waterford, CT<br>(3.2 miles WSW of New London, CT)<br>05000423<br><a href="https://www.nrc.gov/info-finder/reactors/mill3.html">https://www.nrc.gov/info-finder/reactors/mill3.html</a>         | I             | PWR-DRYSUB<br>WEST 4LP<br>S&W<br>S&W                  | 3,650<br>1,220<br><br>NPF-49                | 08/09/1974<br>01/31/1986<br>04/23/1986<br>11/28/2005<br>N/A<br>11/25/2045              | 97<br>83<br>89<br>100<br>89<br>84                 |
| Monticello Nuclear Generating Plant, Unit 1<br>Northern States Power Company-Minnesota<br>Monticello, MN<br>(30 miles NW of Minneapolis, MN)<br>05000263<br><a href="https://www.nrc.gov/info-finder/reactors/mont.html">https://www.nrc.gov/info-finder/reactors/mont.html</a> | III           | BWR-MARK 1<br>GE 3<br>BECH<br>BECH                    | 2,004<br>617<br><br>DPR-22                  | 06/19/1967<br>01/09/1981 <sup>B</sup><br>06/30/1971<br>11/08/2006<br>N/A<br>09/08/2030 | 78<br>93<br>86<br>99<br>88<br>103                 |
| Nine Mile Point Nuclear Station, Unit 1<br>Nine Mile Point Nuclear Station, LLC<br>Scriba, NY<br>(6 miles NE of Oswego, NY)<br>05000220<br><a href="https://www.nrc.gov/info-finder/reactors/nmp1.html">https://www.nrc.gov/info-finder/reactors/nmp1.html</a>                  | I             | BWR-MARK 1<br>GE 2<br>NIAG<br>S&W                     | 1,850<br>621<br><br>DPR-63                  | 04/12/1965<br>12/26/1974 <sup>C</sup><br>12/01/1969<br>10/31/2006<br>N/A<br>08/22/2029 | 88<br>96<br>87<br>99<br>85<br>100                 |
| Nine Mile Point Nuclear Station, Unit 2<br>Nine Mile Point Nuclear Station, LLC<br>Scriba, NY<br>(6 miles NE of Oswego, NY)<br>05000410<br><a href="https://www.nrc.gov/info-finder/reactors/nmp2.html">https://www.nrc.gov/info-finder/reactors/nmp2.html</a>                  | I             | BWR-MARK 2<br>GE 5<br>S&W<br>S&W                      | 3,988<br>1,292<br><br>NPF-69                | 06/24/1974<br>07/02/1987<br>03/11/1988<br>10/31/2006<br>N/A<br>10/31/2046              | 100<br>92<br>101<br>90<br>99<br>90                |

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.



## APPENDIX A

### Commercial Nuclear Power Reactors Operating Reactors (continued)

| Plant Name, Unit Number<br>Licensee<br>Location<br>Docket Number<br>NRC Web page Address   | NRC<br>Region | Con Type<br>NSSS<br>Architect Engineer<br>Constructor | Licensed<br>MWt<br>MWe<br>License<br>Number | CP Issued<br>OL Issued<br>Comm. Op<br>LR Issued<br>SR Issued<br>Exp. Date              | 2015–<br>2020*<br>Capacity<br>Factor<br>(Percent) |
|--|---------------|---|---|--|---|
| North Anna Power Station, Unit 1<br>Virginia Electric & Power Co.<br>Mineral (Louisa County), VA<br>(40 miles NW of Richmond, VA)<br>05000338<br><a href="https://www.nrc.gov/info-finder/reactors/na1.html">https://www.nrc.gov/info-finder/reactors/na1.html</a> | II            | PWR-DRYSUB<br>WEST 3LP<br>S&W<br>S&W                  | 2,940<br>948<br>NPF-4                       | 02/19/1971<br>04/01/1978<br>06/06/1978<br>03/20/2003<br>N/A<br>04/01/2038              | 91<br>89<br>99<br>90<br>93<br>102                 |
| North Anna Power Station, Unit 2<br>Virginia Electric & Power Co.<br>Mineral (Louisa County), VA<br>(40 miles NW of Richmond, VA)<br>05000339<br><a href="https://www.nrc.gov/info-finder/reactors/na2.html">https://www.nrc.gov/info-finder/reactors/na2.html</a> | II            | PWR-DRYSUB<br>WEST 3LP<br>S&W<br>S&W                  | 2,940<br>944<br>NPF-7                       | 02/19/1971<br>08/21/1980<br>12/14/1980<br>03/20/2003<br>N/A<br>08/21/2040              | 99<br>87<br>89<br>99<br>88<br>88                  |
| Oconee Nuclear Station, Unit 1<br>Duke Energy Carolinas, LLC<br>Seneca, SC<br>(30 miles W of Greenville, SC)<br>05000269<br><a href="https://www.nrc.gov/info-finder/reactors/oco1.html">https://www.nrc.gov/info-finder/reactors/oco1.html</a>                    | II            | PWR-DRYAMB<br>B&W LLP<br>DBDB<br>DUKE                 | 2,610<br>847<br>DPR-38                      | 11/06/1967<br>02/06/1973<br>07/15/1973<br>05/23/2000<br>N/A<br>02/06/2033              | 96<br>83<br>95<br>90<br>100<br>92                 |
| Oconee Nuclear Station, Unit 2<br>Duke Energy Carolinas, LLC<br>Seneca, SC<br>(30 miles W of Greenville, SC)<br>05000270<br><a href="https://www.nrc.gov/info-finder/reactors/oco2.html">https://www.nrc.gov/info-finder/reactors/oco2.html</a>                    | II            | PWR-DRYAMB<br>B&W LLP<br>DBDB<br>DUKE                 | 2,610<br>848<br>DPR-47                      | 11/06/1967<br>10/06/1973<br>09/09/1974<br>05/23/2000<br>N/A<br>10/06/2033              | 89<br>98<br>88<br>100<br>90<br>103                |
| Oconee Nuclear Station, Unit 3<br>Duke Energy Carolinas, LLC<br>Seneca, SC<br>(30 miles W of Greenville, SC)<br>05000287<br><a href="https://www.nrc.gov/info-finder/reactors/oco3.html">https://www.nrc.gov/info-finder/reactors/oco3.html</a>                    | II            | PWR-DRYAMB<br>B&W LLP<br>DBDB<br>DUKE                 | 2,610<br>859<br>DPR-55                      | 11/06/1967<br>07/19/1974<br>12/16/1974<br>05/23/2000<br>N/A<br>07/19/2034              | 97<br>91<br>97<br>92<br>100<br>93                 |
| Palisades Nuclear Plant<br>Entergy Nuclear Operations, Inc.<br>Covert, MI<br>(5 miles S of South Haven, MI)<br>05000255<br><a href="https://www.nrc.gov/info-finder/reactors/pali.html">https://www.nrc.gov/info-finder/reactors/pali.html</a>                     | III           | PWR-DRYAMB<br>CE<br>BECH<br>BECH                      | 2,565.4<br>769<br>DPR-20                    | 03/14/1967<br>02/21/1991 <sup>D</sup><br>12/31/1971<br>01/17/2007<br>N/A<br>03/24/2031 | 89<br>99<br>86<br>77<br>97<br>89                  |

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.  
D: The AEC issued a provisional OL on 03/24/1971, allowing commercial operation. The NRC issued a full-term OL on 02/21/1991.

## APPENDIX A

### Commercial Nuclear Power Reactors Operating Reactors (continued)

| Plant Name, Unit Number<br>Licensee<br>Location<br>Docket Number<br>NRC Web page Address  | NRC<br>Region | Con Type<br>NSSS<br>Architect Engineer<br>Constructor | Licensed<br>MWt<br>MWe<br>License<br>Number | CP Issued<br>OL Issued<br>Comm. Op<br>LR Issued<br>SR Issued<br>Exp. Date        | 2015–<br>2020*<br>Capacity<br>Factor<br>(Percent) |
|---|---------------|---|---|--|---|
| Palo Verde Nuclear Generating Station, Unit 1<br>Arizona Public Service Company<br>Wintersburg, AZ<br>(50 miles W of Phoenix, AZ)<br>05000528<br><a href="https://www.nrc.gov/info-finder/reactors/palo1.html">https://www.nrc.gov/info-finder/reactors/palo1.html</a>                        | IV            | PWR-DRYAMB<br>CE 80-2L<br>BECH<br>BECH                | 3,990<br>1,311<br><br>NPF-41                | 05/25/1976<br>06/01/1985<br>01/28/1986<br>04/21/2011<br>N/A<br>06/01/2045        | 94<br>83<br>85<br>97<br>90<br>85                  |
| Palo Verde Nuclear Generating Station, Unit 2<br>Arizona Public Service Company<br>Wintersburg, AZ<br>(50 miles W of Phoenix, AZ)<br>05000529<br><a href="https://www.nrc.gov/info-finder/reactors/palo2.html">https://www.nrc.gov/info-finder/reactors/palo2.html</a>                        | IV            | PWR-DRYAMB<br>CE 80-2L<br>BECH<br>BECH                | 3,990<br>1,314<br><br>NPF-51                | 05/25/1976<br>04/24/1986<br>09/19/1986<br>04/21/2011<br>N/A<br>04/24/2046        | 85<br>95<br>86<br>82<br>98<br>91                  |
| Palo Verde Nuclear Generating Station, Unit 3<br>Arizona Public Service Company<br>Wintersburg, AZ<br>(50 miles W of Phoenix, AZ)<br>05000530<br><a href="https://www.nrc.gov/info-finder/reactors/palo3.html">https://www.nrc.gov/info-finder/reactors/palo3.html</a>                        | IV            | PWR-DRYAMB<br>CE 80-2L<br>BECH<br>BECH                | 3,990<br>1,312<br><br>NPF-74                | 05/25/1976<br>11/25/1987<br>01/08/1988<br>04/21/2011<br>N/A<br>11/25/2047        | 85<br>85<br>92<br>90<br>87<br>98                  |
| Peach Bottom Atomic Power Station, Unit 2<br>Exelon Generation Co., LLC<br>Delta, PA<br>(17.9 miles S of Lancaster, PA)<br>05000277<br><a href="https://www.nrc.gov/info-finder/reactors/pb2.html">https://www.nrc.gov/info-finder/reactors/pb2.html</a>                                      | I             | BWR-MARK 1<br>GE 4<br>BECH<br>BECH                    | 4,016<br>1,265<br><br>DPR-44                | 01/31/1968<br>10/25/1973<br>07/05/1974<br>05/07/2003<br>03/05/2020<br>08/08/2053 | 99<br>96<br>92<br>94<br>100<br>92                 |
| Peach Bottom Atomic Power Station, Unit 3<br>Exelon Generation Co., LLC<br>Delta, PA<br>(17.9 miles S of Lancaster, PA)<br>05000278<br><a href="https://www.nrc.gov/info-finder/reactors/pb3.html">https://www.nrc.gov/info-finder/reactors/pb3.html</a>                                      | I             | BWR-MARK 1<br>GE 4<br>BECH<br>BECH                    | 4,016<br>1,285<br><br>DPR-56                | 01/31/1968<br>07/02/1974<br>12/23/1974<br>05/07/2003<br>03/05/2020<br>07/02/2054 | 75<br>95<br>86<br>94<br>93<br>103                 |
| Perry Nuclear Power Plant, Unit 1<br>Energy Harbor Nuclear Generation LLC/<br>Energy Harbor Nuclear Corp.<br>Perry, OH<br>(35 miles NE of Cleveland, OH)<br>05000440<br><a href="https://www.nrc.gov/info-finder/reactors/perr1.html">https://www.nrc.gov/info-finder/reactors/perr1.html</a> | III           | BWR-MARK 3<br>GE 6<br>GIL<br>KAIS                     | 3,758<br>1,240<br><br>NPF-58                | 05/03/1977<br>11/13/1986<br>11/18/1987<br>N/A<br>N/A<br>03/18/2026               | 83<br>91<br>85<br>99<br>83<br>101                 |

## APPENDIX A

### Commercial Nuclear Power Reactors Operating Reactors (continued)

| Plant Name, Unit Number<br>Licensee<br>Location<br>Docket Number<br>NRC Web page Address   | NRC<br>Region | Con Type<br>NSSS<br>Architect Engineer<br>Constructor | Licensed<br>MWt<br>MWe<br>License<br>Number | CP Issued<br>OL Issued<br>Comm. Op<br>LR Issued<br>SR Issued<br>Exp. Date              | 2015–<br>2020*<br>Capacity<br>Factor<br>(Percent) |
|--|---------------|---|---|--|---|
| Point Beach Nuclear Plant, Unit 1<br>NextEra Energy Point Beach, LLC<br>Two Rivers, WI<br>(13 miles NNW of Manitowoc, WI)<br>05000266<br><a href="https://www.nrc.gov/info-finder/reactors/poin1.html">https://www.nrc.gov/info-finder/reactors/poin1.html</a>               | III           | PWR-DRYAMB<br>WEST 2LP<br>BECH<br>BECH                | 1,800<br>598<br><br>DPR-24                  | 07/19/1967<br>10/05/1970<br>12/21/1970<br>12/22/2005<br>N/A<br>10/05/2030              | 92<br>86<br>86<br>99<br>91<br>92                  |
| Point Beach Nuclear Plant, Unit 2<br>NextEra Energy Point Beach, LLC<br>Two Rivers, WI<br>(13 miles NNW of Manitowoc, WI)<br>05000301<br><a href="https://www.nrc.gov/info-finder/reactors/poin2.html">https://www.nrc.gov/info-finder/reactors/poin2.html</a>               | III           | PWR-DRYAMB<br>WEST 2LP<br>BECH<br>BECH                | 1,800<br>603<br><br>DPR-27                  | 07/25/1968<br>03/08/1973 <sup>E</sup><br>10/01/1972<br>12/22/2005<br>N/A<br>03/08/2033 | 86<br>94<br>85<br>94<br>99<br>93                  |
| Prairie Island Nuclear Generating Plant, Unit 1<br>Northern States Power Co.—Minnesota<br>Welch, MN<br>(28 miles SE of Minneapolis, MN)<br>05000282<br><a href="https://www.nrc.gov/info-finder/reactors/prai1.html">https://www.nrc.gov/info-finder/reactors/prai1.html</a> | III           | PWR-DRYAMB<br>WEST 2LP<br>FLUR<br>NSP                 | 1,677<br>521<br><br>DPR-42                  | 06/25/1968<br>04/05/1974 <sup>F</sup><br>12/16/1973<br>06/27/2011<br>N/A<br>08/09/2033 | 77<br>81<br>88<br>89<br>99<br>95                  |
| Prairie Island Nuclear Generating Plant, Unit 2<br>Northern States Power Co.—Minnesota<br>Welch, MN<br>(28 miles SE of Minneapolis, MN)<br>05000306<br><a href="https://www.nrc.gov/info-finder/reactors/prai2.html">https://www.nrc.gov/info-finder/reactors/prai2.html</a> | III           | PWR-DRYAMB<br>WEST 2LP<br>FLUR<br>NSP                 | 1,677<br>519<br><br>DPR-60                  | 06/25/1968<br>10/29/1974<br>12/21/1974<br>06/27/2011<br>N/A<br>10/29/2034              | 65<br>78<br>80<br>100<br>91<br>104                |
| Quad Cities Nuclear Power Station, Unit 1<br>Exelon Generation Co., LLC<br>Cordova, IL<br>(20 miles NE of Moline, IL)<br>05000254<br><a href="https://www.nrc.gov/info-finder/reactors/quad1.html">https://www.nrc.gov/info-finder/reactors/quad1.html</a>                   | III           | BWR-MARK 1<br>GE 3<br>S&L<br>UE&C                     | 2,957<br>908<br><br>DPR-29                  | 02/15/1967<br>12/14/1972<br>02/18/1973<br>10/28/2004<br>N/A<br>12/14/2032              | 83<br>92<br>85<br>99<br>91<br>101                 |
| Quad Cities Nuclear Power Station, Unit 2<br>Exelon Generation Co., LLC<br>Cordova, IL<br>(20 miles NE of Moline, IL)<br>05000265<br><a href="https://www.nrc.gov/info-finder/reactors/quad2.html">https://www.nrc.gov/info-finder/reactors/quad2.html</a>                   | III           | BWR-MARK 1<br>GE 3<br>S&L<br>UE&C                     | 2,957<br>911<br><br>DPR-30                  | 02/15/1967<br>12/14/1972<br>03/10/1973<br>10/28/2004<br>N/A<br>12/14/2032              | 95<br>85<br>89<br>92<br>99<br>95                  |

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

F: 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<br>Licensee<br>Location<br>Docket Number<br>NRC Web page Address   | NRC<br>Region | Con Type<br>NSSS<br>Architect Engineer<br>Constructor | Licensed<br>MWt<br>MWe<br>License<br>Number | CP Issued<br>OL Issued<br>Comm. Op<br>LR Issued<br>SR Issued<br>Exp. Date | 2015–<br>2020*<br>Capacity<br>Factor<br>(Percent) |
|--|---------------|---|---|---|---|
| R.E. Ginna Nuclear Power Plant<br>R.E. Ginna Nuclear Power Plant, LLC<br>Ontario, NY<br>(20 miles NE of Rochester, NY)<br>05000244<br><a href="https://www.nrc.gov/info-finder/reactors/ginn.html">https://www.nrc.gov/info-finder/reactors/ginn.html</a>    | I             | PWR-DRYAMB<br>WEST 2LP<br>GIL<br>BECH                 | 1,775<br>581<br><br>DPR-18                  | 04/25/1966<br>09/19/1969<br>07/01/1970<br>05/19/2004<br>N/A<br>09/18/2029 | 89<br>94<br>87<br>93<br>99<br>85                  |
| River Bend Station, Unit 1<br>Entergy Operations, Inc.<br>St. Francisville, LA<br>(24 miles NNW of Baton Rouge, LA)<br>05000458<br><a href="https://www.nrc.gov/info-finder/reactors/rbs1.html">https://www.nrc.gov/info-finder/reactors/rbs1.html</a>       | IV            | BWR-MARK 3<br>GE 6<br>S&W<br>S&W                      | 3,091<br>968<br><br>NPF-47                  | 03/25/1977<br>11/20/1985<br>06/16/1986<br>12/20/2018<br>N/A<br>08/29/2045 | 76<br>78<br>77<br>82<br>76<br>94                  |
| St. Lucie Plant, Unit 1<br>Florida Power & Light Co.<br>Jensen Beach, FL<br>(10 miles SE of Ft. Pierce, FL)<br>05000335<br><a href="https://www.nrc.gov/info-finder/reactors/stl1.html">https://www.nrc.gov/info-finder/reactors/stl1.html</a>               | II            | PWR-DRYAMB<br>CE<br>EBSO<br>EBSO                      | 3,020<br>981<br><br>DPR-67                  | 07/01/1970<br>03/01/1976<br>12/21/1976<br>10/02/2003<br>N/A<br>03/01/2036 | 83<br>73<br>90<br>91<br>70<br>101                 |
| St. Lucie Plant, Unit 2<br>Florida Power & Light Co.<br>Jensen Beach, FL<br>(10 miles SE of Ft. Pierce, FL)<br>05000389<br><a href="https://www.nrc.gov/info-finder/reactors/stl2.html">https://www.nrc.gov/info-finder/reactors/stl2.html</a>               | II            | PWR-DRYAMB<br>CE<br>EBSO<br>EBSO                      | 3,020<br>987<br><br>NPF-16                  | 05/02/1977<br>04/06/1983<br>08/08/1983<br>10/02/2003<br>N/A<br>04/06/2043 | 77<br>92<br>84<br>87<br>100<br>93                 |
| Salem Nuclear Generating Station, Unit 1<br>PSEG Nuclear, LLC<br>Hancocks Bridge, NJ<br>(18 miles SE of Wilmington, DE)<br>05000272<br><a href="https://www.nrc.gov/info-finder/reactors/salm1.html">https://www.nrc.gov/info-finder/reactors/salm1.html</a> | I             | PWR-DRYAMB<br>WEST 4LP<br>PSEG<br>UE&C                | 3,459<br>1,153<br><br>DPR-70                | 09/25/1968<br>12/01/1976<br>06/30/1977<br>06/30/2011<br>N/A<br>08/13/2036 | 95<br>68<br>90<br>100<br>79<br>71                 |
| Salem Nuclear Generating Station, Unit 2<br>PSEG Nuclear, LLC<br>Hancocks Bridge, NJ<br>(18 miles SE of Wilmington, DE)<br>05000311<br><a href="https://www.nrc.gov/info-finder/reactors/salm2.html">https://www.nrc.gov/info-finder/reactors/salm2.html</a> | I             | PWR-DRYAMB<br>WEST 4LP<br>PSEG<br>UE&C                | 3,459<br>1,142<br><br>DPR-75                | 09/25/1968<br>05/20/1981<br>10/13/1981<br>06/30/2011<br>N/A<br>04/18/2040 | 85<br>85<br>85<br>87<br>99<br>90                  |

## APPENDIX A

### Commercial Nuclear Power Reactors Operating Reactors (continued)

| Plant Name, Unit Number<br>Licensee<br>Location<br>Docket Number<br>NRC Web page Address  | NRC<br>Region | Con Type<br>NSSS<br>Architect Engineer<br>Constructor | Licensed<br>MWt<br>MWe<br>License<br>Number | CP Issued<br>OL Issued<br>Comm. Op<br>LR Issued<br>SR Issued<br>Exp. Date | 2015–<br>2020*<br>Capacity<br>Factor<br>(Percent) |
|---|---------------|---|---|---|---|
| Seabrook Station, Unit 1<br>NextEra Energy Seabrook, LLC<br>Seabrook, NH<br>(13 miles S of Portsmouth, NH)<br>05000443<br><a href="https://www.nrc.gov/info-finder/reactors/seab1.html">https://www.nrc.gov/info-finder/reactors/seab1.html</a>             | I             | PWR-DRYAMB<br>WEST 4LP<br>UE&C<br>UE&C                | 3,648<br>1,250<br><br>NPF-86                | 07/07/1976<br>03/15/1990<br>08/19/1990<br>03/12/2019<br>N/A<br>03/15/2050 | 87<br>99<br>92<br>92<br>100<br>90                 |
| Sequoyah Nuclear Plant, Unit 1<br>Tennessee Valley Authority<br>Soddy-Daisy, TN<br>(16 miles NE of Chattanooga, TN)<br>05000327<br><a href="https://www.nrc.gov/info-finder/reactors/seq1.html">https://www.nrc.gov/info-finder/reactors/seq1.html</a>      | II            | PWR-ICECND<br>WEST 4LP<br>TVA<br>TVA                  | 3,455<br>1,152<br><br>DPR-77                | 05/27/1970<br>09/17/1980<br>07/01/1981<br>09/24/2015<br>N/A<br>09/17/2040 | 87<br>71<br>88<br>89<br>82<br>97                  |
| Sequoyah Nuclear Plant, Unit 2<br>Tennessee Valley Authority<br>Soddy-Daisy, TN<br>(16 miles NE of Chattanooga, TN)<br>05000328<br><a href="https://www.nrc.gov/info-finder/reactors/seq2.html">https://www.nrc.gov/info-finder/reactors/seq2.html</a>      | II            | PWR-ICECND<br>WEST 4LP<br>TVA<br>TVA                  | 3,455<br>1,126<br><br>DPR-79                | 05/27/1970<br>09/15/1981<br>06/01/1982<br>09/28/2015<br>N/A<br>09/15/2041 | 73<br>90<br>83<br>88<br>99<br>94                  |
| Shearon Harris Nuclear Power Plant, Unit 1<br>Duke Energy Progress, Inc.<br>New Hill, NC<br>(20 miles SW of Raleigh, NC)<br>05000400<br><a href="https://www.nrc.gov/info-finder/reactors/har1.html">https://www.nrc.gov/info-finder/reactors/har1.html</a> | II            | PWR-DRYAMB<br>WEST 3LP<br>EBSO<br>DANI                | 2,948<br>964<br><br>NPF-63                  | 01/27/1978<br>10/24/1986<br>05/02/1987<br>12/17/2008<br>N/A<br>10/24/2046 | 87<br>90<br>99<br>89<br>89<br>98                  |
| South Texas Project, Unit 1<br>STP Nuclear Operating Co.<br>Bay City, TX<br>(90 miles SW of Houston, TX)<br>05000498<br><a href="https://www.nrc.gov/info-finder/reactors/stp1.html">https://www.nrc.gov/info-finder/reactors/stp1.html</a>                 | IV            | PWR-DRYAMB<br>WEST 4LP<br>BECH<br>EBSO                | 3,853<br>1,280<br><br>NPF-76                | 12/22/1975<br>03/22/1988<br>08/25/1988<br>09/28/2017<br>N/A<br>08/20/2047 | 78<br>95<br>85<br>89<br>100<br>93                 |
| South Texas Project, Unit 2<br>STP Nuclear Operating Co.<br>Bay City, TX<br>(90 miles SW of Houston, TX)<br>05000499<br><a href="https://www.nrc.gov/info-finder/reactors/stp2.html">https://www.nrc.gov/info-finder/reactors/stp2.html</a>                 | IV            | PWR-DRYAMB<br>WEST 4LP<br>BECH<br>EBSO                | 3,853<br>1,280<br><br>NPF-80                | 12/22/1975<br>03/28/1989<br>06/19/1989<br>09/28/2017<br>N/A<br>12/15/2048 | 85<br>88<br>97<br>90<br>91<br>103                 |

## APPENDIX A

### Commercial Nuclear Power Reactors Operating Reactors (continued)

| Plant Name, Unit Number<br>Licensee<br>Location<br>Docket Number<br>NRC Web page Address  | NRC<br>Region | Con Type<br>NSSS<br>Architect Engineer<br>Constructor | Licensed<br>MWt<br>MWe<br>License<br>Number | CP Issued<br>OL Issued<br>Comm. Op<br>LR Issued<br>SR Issued<br>Exp. Date | 2015–<br>2020*<br>Capacity<br>Factor<br>(Percent) |
|---|---------------|---|---|---|---|
| Surry Power Station, Unit 1<br>Virginia Electric and Power Co.<br>Surry, VA<br>(17 miles NW of Newport News, VA)<br>05000280<br><a href="https://www.nrc.gov/info-finder/reactors/sur1.html">https://www.nrc.gov/info-finder/reactors/sur1.html</a>                                   | II            | PWR-DRYSUB  | 2,587                                       | 06/25/1968  | 76  |
|   |               | WEST 3LP  | 838   | 05/25/1972  | 96  |
|   |               | S&W   |   | 12/22/1972  | 101   |
|   |               | S&W   | DPR-32                                      | 03/20/2003  | 87  |
|   |               |   |   | 05/04/2021  | 88  |
|   |               |   | 05/25/2052                                  | 103   |   |
| Surry Power Station, Unit 2<br>Virginia Electric and Power Co.<br>Surry, VA<br>(17 miles NW of Newport News, VA)<br>05000281<br><a href="https://www.nrc.gov/info-finder/reactors/sur2.html">https://www.nrc.gov/info-finder/reactors/sur2.html</a>                                   | II            | PWR-DRYSUB  | 2,587                                       | 06/25/1968  | 82  |
|   |               | WEST 3LP  | 838   | 01/29/1973  | 101   |
|   |               | S&W   |   | 05/01/1973  | 93  |
|   |               | S&W   | DPR-37                                      | 03/20/2003  | 88  |
|   |               |   |   | 05/04/2021  | 100   |
|   |               |   | 01/29/2053                                  | 92  |   |
| Susquehanna Steam Electric Station, Unit 1<br>Susquehanna Nuclear, LLC<br>Salem Township (Luzerne County), PA<br>(70 miles NE of Harrisburg, PA)<br>05000387<br><a href="https://www.nrc.gov/info-finder/reactors/susq1.html">https://www.nrc.gov/info-finder/reactors/susq1.html</a> | I             | BWR-MARK 2  | 3,952                                       | 11/03/1973  | 76  |
|   |               | GE 4  | 1,247                                       | 07/17/1982  | 77  |
|   |               | BECH  |   | 06/08/1983  | 97  |
|   |               | BECH  | NPF-14                                      | 11/24/2009  | 86  |
|   |               |   |   | N/A   | 99  |
|   |               |   | 07/17/2042                                  | 85  |   |
| Susquehanna Steam Electric Station, Unit 2<br>Susquehanna Nuclear, LLC<br>Salem Township (Luzerne County), PA<br>(70 miles NE of Harrisburg, PA)<br>05000388<br><a href="https://www.nrc.gov/info-finder/reactors/susq2.html">https://www.nrc.gov/info-finder/reactors/susq2.html</a> | I             | BWR-MARK 2  | 3,952                                       | 11/03/1973  | 82  |
|   |               | GE 4  | 1,247                                       | 03/23/1984  | 93  |
|   |               | BECH  |   | 02/12/1985  | 86  |
|   |               | BECH  | NPF-22                                      | 11/24/2009  | 99  |
|   |               |   |   | N/A   | 89  |
|   |               |   | 03/23/2044                                  | 97  |   |
| Turkey Point Nuclear Generating, Unit 3<br>Florida Power & Light Co.<br>Homestead, FL<br>(20 miles S of Miami, FL)<br>05000250<br><a href="https://www.nrc.gov/info-finder/reactors/tp3.html">https://www.nrc.gov/info-finder/reactors/tp3.html</a>                                   | II            | PWR-DRYAMB  | 2,644                                       | 04/27/1967  | 78  |
|   |               | WEST 3LP  | 837   | 07/19/1972  | 93  |
|   |               | BECH  |   | 12/14/1972  | 80  |
|   |               | BECH  | DPR-31                                      | 06/06/2002  | 89  |
|   |               |   |   | 12/04/2019  | 99  |
|   |               |   | 07/19/2052                                  | 89  |   |
| Turkey Point Nuclear Generating, Unit 4<br>Florida Power & Light Co.<br>Homestead, FL<br>(20 miles S of Miami, FL)<br>05000251<br><a href="https://www.nrc.gov/info-finder/reactors/tp4.html">https://www.nrc.gov/info-finder/reactors/tp4.html</a>                                   | II            | PWR-DRYAMB  | 2,644                                       | 04/27/1967  | 106   |
|   |               | WEST 3LP  | 861   | 04/10/1973  | 99  |
|   |               | BECH  |   | 09/07/1973  | 98  |
|   |               | BECH  | DPR-41                                      | 06/06/2002  | 100   |
|   |               |   |   | 12/04/2019  | 91  |
|   |               |   | 04/10/2053                                  | 80  |   |
| Virgil C. Summer Nuclear Station, Unit 1<br>Dominion Energy South Carolina, Inc.<br>Jenkinsville, SC<br>(26 miles NW of Columbia, SC)<br>05000395<br><a href="https://www.nrc.gov/info-finder/reactors/sum.html">https://www.nrc.gov/info-finder/reactors/sum.html</a>                | II            | PWR-DRYAMB  | 2,900                                       | 03/21/1973  | 79  |
|   |               | WEST 3LP  | 971   | 11/12/1982  | 96  |
|   |               | GIL   |   | 01/01/1984  | 77  |
|   |               | DANI  | NPF-12                                      | 04/23/2004  | 85  |
|   |               |   |   | N/A   | 95  |
|   |               |   | 08/06/2042                                  | 91  |   |

## APPENDIX A

### Commercial Nuclear Power Reactors Operating Reactors (continued)

| Plant Name, Unit Number<br>Licensee<br>Location<br>Docket Number<br>NRC Web page Address   | NRC<br>Region | Con Type<br>NSSS<br>Architect Engineer<br>Constructor | Licensed<br>MWt<br>MWe<br>License<br>Number | CP Issued<br>OL Issued<br>Comm. Op<br>LR Issued<br>SR Issued<br>Exp. Date | 2015–<br>2020*<br>Capacity<br>Factor<br>(Percent) |
|--|---------------|---|---|---|---|
| Vogtle Electric Generating Plant, Unit 1<br>Southern Nuclear Operating Co., Inc.<br>Waynesboro, GA<br>(26 miles SE of Augusta, GA)<br>05000424<br><a href="https://www.nrc.gov/info-finder/reactors/vog1.html">https://www.nrc.gov/info-finder/reactors/vog1.html</a>        | II            | PWR-DRYAMB  | 3,625.6                                     | 06/28/1974  | 91  |
|  |               | WEST 4LP  | 1,150                                       | 03/16/1987  | 101   |
|  |               | SBEC  |   | 06/01/1987  | 93  |
|  |               | GPC   | NPF-68                                      | 06/03/2009  | 93  |
|  |               |   |   | N/A   | 100   |
|  |               |   | 01/16/2047                                  | 95  |   |
| Vogtle Electric Generating Plant, Unit 2<br>Southern Nuclear Operating Co., Inc.<br>Waynesboro, GA<br>(26 miles SE of Augusta, GA)<br>05000425<br><a href="https://www.nrc.gov/info-finder/reactors/vog2.html">https://www.nrc.gov/info-finder/reactors/vog2.html</a>        | II            | PWR-DRYAMB  | 3,625.6                                     | 06/28/1974  | 100   |
|  |               | WEST 4LP  | 1,152                                       | 03/31/1989  | 94  |
|  |               | SBEC  |   | 05/20/1989  | 96  |
|  |               | GPC   | NPF-81                                      | 06/03/2009  | 100   |
|  |               |   |   | N/A   | 92  |
|  |               |   | 02/09/2049                                  | 92  |   |
| Waterford Steam Electric Station, Unit 3<br>Entergy Operations, Inc.<br>Killona, LA<br>(25 miles W of New Orleans, LA)<br>05000382<br><a href="https://www.nrc.gov/info-finder/reactors/wat3.html">https://www.nrc.gov/info-finder/reactors/wat3.html</a>                    | IV            | PWR-DRYAMB  | 3,716                                       | 11/14/1974  | 80  |
|  |               | COMB CE   | 1,165                                       | 03/16/1985  | 96  |
|  |               | EBSO  |   | 09/24/1985  | 80  |
|  |               | EBSO  | NPF-38                                      | 12/27/2018  | 100   |
|  |               |   |   | N/A   | 74  |
|  |               |   | 12/18/2044                                  | 88  |   |
| Watts Bar Nuclear Plant, Unit 1<br>Tennessee Valley Authority<br>Spring City, TN<br>(60 miles SW of Knoxville, TN)<br>05000390<br><a href="https://www.nrc.gov/info-finder/reactors/wb1.html">https://www.nrc.gov/info-finder/reactors/wb1.html</a>                          | II            | PWR-ICECND  | 3,459                                       | 01/23/1973  | 76  |
|  |               | WEST 4LP  | 1,123                                       | 02/07/1996  | 85  |
|  |               | TVA   |   | 05/27/1996  | 77  |
|  |               | TVA   | NPF-90                                      | N/A   | 87  |
|  |               |   |   | N/A   | 86  |
|  |               |   | 11/09/2035                                  | 92  |   |
| Watts Bar Nuclear Plant, Unit 2<br>Tennessee Valley Authority<br>Spring City, TN<br>(60 miles SW of Knoxville, TN)<br>05000391<br><a href="https://www.nrc.gov/info-finder/reactors/wb2.html">https://www.nrc.gov/info-finder/reactors/wb2.html</a>                          | II            | PWR-ICECND  | 3,411                                       | 01/24/1973  |   |
|  |               | WEST 4LP  | 1,122                                       | 10/22/2015  | 26  |
|  |               | TVA   |   | 10/19/2016  | 45  |
|  |               | TVA   | NPF-96                                      | N/A   | 95  |
|  |               |   |   | N/A   | 88  |
|  |               |   | 10/22/2055                                  | 86  |   |
| Wolf Creek Generating Station, Unit 1<br>Wolf Creek Nuclear Operating Corp.<br>Burlington (Coffey County), KS<br>(28 miles SE of Emporia, KS)<br>05000482<br><a href="https://www.nrc.gov/info-finder/reactors/wc.html">https://www.nrc.gov/info-finder/reactors/wc.html</a> | IV            | PWR-DRYAMB  | 3,565                                       | 05/17/1977  | 78  |
|  |               | WEST 4LP  |   | 06/04/1985 <sup>G</sup>   | 74  |
|  |               | BECH  |   | 09/03/1985  | 96  |
|  |               | DANI  | NPF-42                                      | 11/20/2008  | 86  |
|  |               |   |   | N/A   | 87  |
|  |               |   | 03/11/2045                                  | 98  |   |

G: 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<br>Licensee<br>Location<br>Docket Number<br>NRC Web page Address   | NRC<br>Region | Con Type<br>NSSS<br>Architect Engineer<br>Constructor | Licensed<br>MWt<br>MWe<br>License<br>Number | CP Issued<br>OL Issued<br>Comm. Op.<br>LR Issued<br>Exp. Date |
|--|---------------|---|---|---|
| Bellefonte Nuclear Power Station, Unit 1**<br>Tennessee Valley Authority<br>(6 miles NE of Scottsboro, AL)<br>05000438<br><a href="https://www.nrc.gov/reactors/new-reactors/bellefonte-constr-permits.html">https://www.nrc.gov/reactors/new-reactors/bellefonte-constr-permits.html</a>                    | II            | PWR-DRYAMB<br>B&W 205<br>TVA<br>TVA                   | 3,763                                       | 12/24/1974  |
| Bellefonte Nuclear Power Station, Unit 2**<br>Tennessee Valley Authority<br>(6 miles NE of Scottsboro, AL)<br>05000439<br><a href="https://www.nrc.gov/reactors/new-reactors/bellefonte-constr-permits.html">https://www.nrc.gov/reactors/new-reactors/bellefonte-constr-permits.html</a>                    | II            | PWR-DRYAMB<br>B&W 205<br>TVA<br>TVA                   | 3,763                                       | 12/24/1974  |
| Enrico Fermi Nuclear Plant, Unit 3<br>DTE Electric Company<br>Newport, MI<br>(25 miles NE of Toledo, OH)<br>05200033<br><a href="https://www.nrc.gov/reactors/new-reactors/col-holder/ferm3.html">https://www.nrc.gov/reactors/new-reactors/col-holder/ferm3.html</a>  | III           | ESBWR4,500<br>GEH                                     | NPF-95                                      | 05/01/2015  |
| North Anna Power Station, Unit 3<br>Dominion Virginia Power<br>Mineral (Louisa County), VA<br>(40 miles NW of Richmond, VA)<br>05200017<br><a href="https://www.nrc.gov/reactors/new-reactors/col-holder/na3.html">https://www.nrc.gov/reactors/new-reactors/col-holder/na3.html</a>                         | II            | BWR 4,500<br>ESBWR<br>GEH                             | NPF-103                                     | 06/02/2017  |
| Turkey Point Nuclear Generating, Unit 6<br>Florida Power and Light<br>Homestead, FL<br>(20 miles S of Miami, FL)<br>05200040<br><a href="https://www.nrc.gov/reactors/new-reactors/col-holder/tp6.html">https://www.nrc.gov/reactors/new-reactors/col-holder/tp6.html</a>                                    | II            | PWR<br>AP1000<br>WEST 2LP                             | 3,400<br>NPF-104                            | 04/12/2018  |
| Turkey Point Nuclear Generating, Unit 7<br>Florida Power and Light<br>Homestead, FL<br>(20 miles S of Miami, FL)<br>05200041<br><a href="https://www.nrc.gov/reactors/new-reactors/col-holder/tp7.html">https://www.nrc.gov/reactors/new-reactors/col-holder/tp7.html</a>                                    | II            | PWR<br>AP1000<br>WEST 2LP                             | 3,400<br>NPF-105                            | 04/12/2018  |
| Vogtle Electric Generating Plant, Unit 3<br>Southern Nuclear Operating Co., Inc.<br>Waynesboro (Burke County), GA<br>(26 miles SE of Augusta, GA)<br>05200025<br><a href="https://www.nrc.gov/reactors/new-reactors/col-holder/vog3.html">https://www.nrc.gov/reactors/new-reactors/col-holder/vog3.html</a> | II            | PWR<br>AP1000<br>WEST 2LP                             | 3,400<br>NPF-91                             | 02/10/2012  |



# APPENDIX A

## Commercial Nuclear Power Reactors

### Operating Reactors Under Active Construction or Deferred Policy (continued)

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

A: In September 2017, Duke Energy announced cancellation of William States Lee nuclear power plant, 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 August 2021; the next printed update will be in September 2022.

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