

APPENDIX D 

Canceled Commercial Nuclear Power Reactors

Part 50—Domestic Licensing of Production and Utilization Facilities

| Unit Utility Location | Con Type MWe per Unit | Canceled Date Status Docket Number |
|---|--------------------------|---|
| Allens Creek 1 Houston Lighting & Power Company 4 miles NW of Wallis, TX | BWR 1,150 | 1982 Under CP Review 05000466 |
| Allens Creek 2 Houston Lighting & Power Company 4 miles NW of Wallis, TX | BWR 1,150 | 1976 Under CP Review 05000467 |
| Atlantic 1 & 2 Public Service Electric & Gas Company Floating plants off the coast of NJ | PWR 1,150 | 1978 Under CP Review 05000477 & 478 |
| Bailly 1 Northern Indiana Public Service Company 12 miles NNE of Gary, IN | BWR 645 | 1981 With CP 05000367 |
| Barton 1 & 2 Alabama Power & Light 15 miles SE of Clanton, AL | BWR 1,159 | 1977 Under CP Review 05000524 & 525 |
| Barton 3 & 4 Alabama Power & Light 15 miles SE of Clanton, AL | BWR 1,159 | 1975 Under CP Review 05000526 & 527 |
| Black Fox 1 & 2 Public Service Company of Oklahoma 3.5 miles S of Inola, OK | BWR 1,150 | 1982 Under CP Review 05000556 & 557 |
| Blue Hills 1 & 2 Gulf States Utilities Company SW tip of Toledo Bend Reservoir, TX | PWR 918 | 1978 Under CP Review 05000510 & 511 |
| Cherokee 1 Duke Power Company 6 miles SSW of Blacksburg, SC | PWR 1,280 | 1983 With CP 05000491 |
| Cherokee 2 & 3 Duke Power Company 6 miles SSW of Blacksburg, SC | PWR 1,280 | 1982 With CP 05000492 & 493 |
| Clinch River Project Management Corp., DOE, TVA 23 miles W of Knoxville, in Oak Ridge, TN | LMFB 350 | 1983 Under CP Review 05000537 |
| Clinton 2 Illinois Power Company 6 miles E of Clinton, IL | BWR 933 | 1983 With CP 05000462 |
| Davis-Besse 2 & 3 Toledo Edison Company 21 miles ESE of Toledo, OH | PWR 906 | 1981 Under CP Review 05000500 & 501 |



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|---|----------------------------------|---|
| Douglas Point 1 & 2 Potomac Electric Power Company Charles County, MD | BWR 1,146 | 1977 Under CP Review 05000448 & 449 |
| Erie 1 & 2 Ohio Edison Company Berlin, OH | PWR 1,260 | 1980 Under CP Review 05000580 & 581 |
| Forked River 1 Jersey Central Power & Light Company 2 miles S of Forked River, NJ | PWR 1,070 | 1980 With CP 05000363 |
| Fort Calhoun 2 Omaha Public Power District 19 miles N of Omaha, NE | PWR 1,136 | 1977 Under CP Review 05000548 |
| Fulton 1 & 2 Philadelphia Electric Company 17 miles S of Lancaster, PA | HTG 1,160 | 1975 Under CP Review 05000463 & 464 |
| Grand Gulf 2 Entergy Nuclear Operations, Inc. 20 miles SW of Vicksburg, MS | BWR 1,250 | 1990 With CP 05000417 |
| Greene County Power Authority of the State of NY 20 miles N of Kingston, NY | PWR 1,191 | 1980 Under CP Review 05000549 |
| Greenwood 2 & 3 Detroit Edison Company Greenwood Township, MI | PWR 1,200 | 1980 Under CP Review 05000452 & 453 |
| Hartsville A1 & A2 Tennessee Valley Authority 5 miles SE of Hartsville, TN | BWR 1,233 | 1984 With CP 05000518 & 519 |
| Hartsville B1 & B2 Tennessee Valley Authority 5 miles SE of Hartsville, TN | BWR 1,233 | 1982 With CP 05000520 & 521 |
| Haven 1 (formerly Koshkonong) Wisconsin Electric Power Company 4.2 miles SSW of Fort Atkinson, WI | PWR 900 | 1980 Under CP Review 05000502 |
| Haven 2 (formerly Koshkonong) Wisconsin Electric Power Company 4.2 miles SSW of Fort Atkinson, WI | PWR 900 | 1978 Under CP Review 05000503 |
| Hope Creek 2 Public Service Electric & Gas Company 18 miles SE of Wilmington, DE | BWR 1,067 | 1981 With CP 05000355 |



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|---|--------------------------|--|
| Jamesport 1 & 2 Long Island Lighting Company 65 miles E of New York City, NY | PWR 1,150 | 1980 With CP 05000516 & 517 |
| Marble Hill 1 & 2 Public Service of Indiana 6 miles NE of New Washington, IN | PWR 1,130 | 1985 With CP 05000546 & 547 |
| Midland 1 Consumers Power Company S of City of Midland, MI | PWR 492 | 1986 With CP 05000329 |
| Midland 2 Consumers Power Company S of City of Midland, MI | PWR 818 | 1986 With CP 05000330 |
| Montague 1 & 2 Northeast Nuclear Energy Company 1.2 miles SSE of Turners Falls, MA | BWR 1,150 | 1980 Under CP Review 05000496 & 497 |
| New England 1 & 2 New England Power Company 8.5 miles E of Westerly, RI | PWR 1,194 | 1979 Under CP Review 05000568 & 569 |
| New Haven 1 & 2 New York State Electric & Gas Corporation 3 miles NW of New Haven, NY | PWR 1,250 | 1980 Under CP Review 05000596 & 597 |
| North Anna 3 Virginia Electric & Power Company 40 miles NW of Richmond, VA | PWR 907 | 1982 With CP 05000404 |
| North Anna 4 Virginia Electric & Power Company 40 miles NW of Richmond, VA | PWR 907 | 1980 With CP 05000405 |
| North Coast 1 Puerto Rico Water Resources Authority 4.7 miles ESE of Salinas, PR | PWR 583 | 1978 Under CP Review 05000376 |
| Palo Verde 4 & 5 Arizona Public Service Company 36 miles W of Phoenix, AZ | PWR 1,270 | 1979 Under CP Review 05000592 & 593 |
| Pebble Springs 1 & 2 Portland General Electric Company 55 miles WSW of Richland, WA, near Arlington, OR | PWR 1,260 | 1982 Under CP Review 05000514 & 515 |
| Perkins 1, 2, & 3 Duke Power Company 10 miles N of Salisbury, NC | PWR 1,280 | 1982 Under CP Review 05000488, 489 & 490 |



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Canceled Commercial Nuclear Power Reactors (continued)
Part 50—Domestic Licensing of Production and Utilization Facilities

| Unit Utility Location | Con Type MWe per Unit | Canceled Date Status Docket Number |
|--|--------------------------|---|
| Perry 2 Cleveland Electric Illuminating Co. 35 miles NE of Cleveland, OH | BWR 1,205 | 1994 Under CP Review 05000441 |
| Phipps Bend 1 & 2 Tennessee Valley Authority 15 miles SW of Kingsport, TN | BWR 1,220 | 1982 With CP 05000553 & 554 |
| Pilgrim 2 Boston Edison Company 4 miles SE of Plymouth, MA | PWR 1,180 | 1981 Under CP Review 05000471 |
| Pilgrim 3 Boston Edison Company 4 miles SE of Plymouth, MA | PWR 1,180 | 1974 Under CP Review 05000472 |
| Quanicassee 1 & 2 Consumers Power Company 6 miles E of Essexville, MI | PWR 1,150 | 1974 Under CP Review 05000475 & 476 |
| River Bend 2 Gulf States Utilities Company 24 miles NNW of Baton Rouge, LA | BWR 934 | 1984 With CP 05000459 |
| Seabrook 2 Public Service Co. of New Hampshire 13 miles S of Portsmouth, NH | PWR 1,198 | 1988 With CP 05000444 |
| Shearon Harris 2 Carolina Power & Light Company 20 miles SW of Raleigh, NC | PWR 900 | 1983 With CP 05000401 |
| Shearon Harris 3 & 4 Carolina Power & Light Company 20 miles SW of Raleigh, NC | PWR 900 | 1981 With CP 05000402 & 403 |
| Skagit/Hanford 1 & 2 Puget Sound Power & Light Company 23 miles SE of Bellingham, WA | PWR 1,277 | 1983 Under CP Review 05000522 & 523 |
| Sterling Rochester Gas & Electric Corporation 50 miles E of Rochester, NY | PWR 1,150 | 1980 With CP 05000485 |
| Summit 1 & 2 Delmarva Power & Light Company 15 miles SSW of Wilmington, DE | HTG 1,200 | 1975 Under CP Review 05000450 & 451 |



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Part 50—Domestic Licensing of Production and Utilization Facilities

| Unit Utility Location | Con Type MWe per Unit | Canceled Date Status Docket Number |
|---|----------------------------------|---|
| Sundesert 1 & 2 San Diego Gas & Electric Company 16 miles SW of Blythe, CA | PWR 974 | 1978 Under CP Review 05000582 & 583 |
| Surry 3 & 4 Virginia Electric & Power Company 17 miles NW of Newport News, VA | PWR 882 | 1977 With CP 05000434 & 435 |
| Tyrone 1 Northern States Power Company 8 miles NE of Durond, WI | PWR 1,150 | 1981 Under CP Review 05000484 |
| Tyrone 2 Northern States Power Company 8 miles NE of Durond, WI | PWR 1,150 | 1974 With CP 05000487 |
| Vogtle 3 & 4 Georgia Power Company 26 miles SE of Augusta, GA | PWR 1,113 | 1974 With CP 050000426 & 427 |
| Washington Nuclear 1 (WPPSS) Energy Northwest 12 miles NE of Richland, WA | PWR 1,266 | 1995 With CP 05000460 |
| Washington Nuclear 3 (WPPSS) Energy Northwest 12 miles NE of Richland, WA | PWR 1,242 | 1995 With CP 05000508 |
| Washington Nuclear 4 (WPPSS) Energy Northwest 12 miles NE of Richland, WA | PWR 1,218 | 1982 With CP 05000513 |
| Washington Nuclear 5 (WPPSS) Energy Northwest 12 miles NE of Richland, WA | PWR 1,242 | 1982 With CP 05000509 |
| Yellow Creek 1 & 2 Tennessee Valley Authority 15 miles E of Corinth, MS | BWR 1,285 | 1984 With CP 05000566 & 567 |
| Zimmer 1 Cincinnati Gas & Electric Company 25 miles SE of Cincinnati, OH | BWR 810 | 1984 With CP 05000358 |



APPENDIX D 

Canceled Commercial Nuclear Power Reactors (continued)
Part 52—Licensing, Certification, and Approvals for Nuclear Power Plants

| Unit Utility Location | Con Type MWe per Unit | Canceled Date Status Docket Number |
|--|--------------------------|--|
| Bellefonte 3 & 4 Tennessee Valley Authority Scottsboro, Jackson County, AL | AP1000 1,100 | December 2, 2016 With COL Review 05200014 & 05200015 |
| Bell Bend Bell Bend, LLC Luzerne County, PA | U.S. EPR 1,600 | September 22, 2016 With COL Review 5200039 |
| Callaway 2 Union Electric Company (Ameren UE) Fulton, Callaway County, MO | U.S. EPR 1,600 | October, 29, 2015 With COL Review 05200037 |
| Calvert Cliffs 3 UniStar Nuclear Operating Services, LLC Near Lusby in Calvert County, MD | U.S. EPR 4,500 | July 17, 2015 With COL Review 05200016 |
| Grand Gulf 3 Entergy Operations, Inc. Near Port Gibson in Claiborne County, MS | ESBWR 4,500 | January 9, 2009 With COL Review 05200024 |
| Levy 1 and 2 Duke Energy Florida Levy County, FL | AP1000 1,100 | April 26, 2018 With COL 05200029 & 05200030 |
| Nine Mile Point 3 UniStar Nuclear Operating Services, LLC 25 miles SE of Cincinnati, OH | ESBWR 4,500 | January 9, 2009 With COL Review 0500038 |
| River Bend 3 Entergy Operations, Inc. St. Francisville, LA | ESBWR 1,594 | June 14, 2016 With COL Review 5200036 |
| Victoria County Station 1 and 2 Exelon Nuclear Texas Holdings, LLC Near Victoria City in Victoria County, TX | ESBWR 4,500 | June 11, 2010 With COL Review 05200031 & 05200032 |

Notes: Cancellation is defined as public announcement of cancellation or written notification to the NRC. Only NRC-docketed applications are included. "Status" is the status of the application at the time of cancellation. Applications were withdrawn for Calvert Cliffs, Grand Gulf, Nine Mile Point, Victoria County, and Callaway. On July 31, 2017, South Carolina Electric & Gas (SCE&G) announced its decision to cease construction on V.C. Summer nuclear power plant, Units 2 and 3, and the licensee has requested that the COLs be withdrawn. NRC action is still pending. In October 2017, Duke Energy has announced plans to cancel reactors at Levy County, FL, and William States Lee, SC. Units 3 and 4. In June 2018, Nuclear Innovation North America submitted a letter requesting that the COLs for South Texas Project, Units 3 and 4, be withdrawn.

Data are current as of July 2018; the next printed update will be in August 2019. NRC-abbreviated reactor names listed.

Source: DOE/EIA, "Commercial Nuclear Power 1991," DOE/EIA-0438, Appendix E, and the NRC

