

APPENDIX C Commercial Nuclear Power Reactors Undergoing Decommissioning and Permanently Shut Down Formerly Licensed To Operate

| Unit Location Docket Number | Reactor Type MWt | NSSS Vendor | OL Issued Shut Down OL Terminated Closure Date Est. | Decommissioning Alternative Selected Current License Status |
|--|---|----------------|--|---|
| Big Rock Point Charlevoix, MI 05000155 | BWR 240 | GE | 05/01/1964 08/29/1997 01/08/2007 | DECON DECON Completed |
| Crystal River 3 Crystal River, FL 05000302 | PWR 2,609 | B&W LLP | 12/03/1976 02/20/2013 2074 | SAFSTOR SAFSTOR in Progress |
| Dresden 1 Morris, IL 05000010 | BWR 700 | GE | 09/28/1959 10/31/1978 2036 | SAFSTOR SAFSTOR |
| GE EVESR Sunol, CA 05000183 | Experimental Superheat Reactor 12.5 | GE | 11/12/1963 02/1/1967 04/15/1970 01/1/2019 | SAFSTOR Possession Only License Expires 01/2016 |
| GE VBWR (Vallecitos) Sunol, CA 05000018 | BWR 50 | GE | 08/31/1957 12/09/1963 2019 | SAFSTOR SAFSTOR |
| Fermi 1 Newport, MI 05000016 | SCF 200 | CE | 05/10/1963 09/22/1972 2032 | SAFSTOR DECON |
| Fort Calhoun 1 Ft. Calhoun, NE 05000285 | PWR-DRYAMB 1,500 | CE | 08/09/1973 10/24/2016 2065 | SAFSTOR SAFSTOR in Progress |
| Fort St. Vrain Platteville, CO 05000267 | HTG 842 | GA | 12/21/1973 08/18/1989 08/08/1997 | DECON DECON Completed |
| Haddam Neck Meriden, CT 05000213 | PWR 1,825 | WEST | 12/27/1974 12/05/1996 11/26/2007 | DECON DECON Completed |



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|---|---------------------------------|------------------------|--|--|
| Humboldt Bay 3 Eureka, CA 05000133 | BWR 200 | GE | 08/28/1962 07/02/1976 2017 | DECON DECON in Progress |
| Indian Point 1 Buchanan, NY 05000003 | PWR 615 | B&W | 03/26/1962 10/31/1974 2026 | SAFSTOR SAFSTOR |
| Kewaunee Carlton, WI 05000305 | PWR 1,772 | WEST 2LP | 12/21/1973 05/07/2013 2073 | SAFSTOR SAFSTOR |
| La Crosse Genoa, WI 05000409 | BWR 165 | AC | 07/03/1967 04/30/1987 TBD | DECON DECON in Progress |
| Maine Yankee Wiscasset, ME 05000309 | PWR 2,700 | CE | 06/29/1973 12/06/1996 09/30/2005 | DECON DECON Completed |
| Millstone 1 Waterford, CT 05000245 | BWR 2,011 | GE | 10/31/1970 07/21/1998 12/31/2056 | SAFSTOR SAFSTOR |
| Pathfinder Sioux Falls, SD 05000130 | BWR 190 | AC | 03/12/1964 09/16/1967 07/27/2007 | DECON DECON Completed |
| Peach Bottom 1 Delta, PA 05000171 | HTG 115 | GA | 01/24/1966 10/31/1974 12/31/2034 | SAFSTOR SAFSTOR |
| Rancho Seco Herald, CA 05000312 | PWR 2,772 | B&W | 08/16/1974 06/07/1989 09/25/2009 | DECON DECON Completed |
| San Onofre 1* San Clemente, CA 05000206 | PWR 1,347 | WEST | 03/27/1967 11/30/1992 12/30/2030 | DECON SAFSTOR |



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|---|------------------------|----------------|--|---|
| San Onofre 2* San Clemente, CA 05000361 | PWR CE 3,438 | CE | 02/16/1982 06/12/2013 2030 | DECON DECON in Progress |
| San Onofre 3 San Clemente, CA 05000362 | PWR CE 3,438 | CE | 11/15/1982 06/12/2013 2030 | DECON DECON in Progress |
| Savannah, N.S. Baltimore, MD 05000238 | PWR 74 | B&W | 08/1965 11/1970 12/01/2031 | SAFSTOR SAFSTOR |
| Saxton Saxton, PA 05000146 | PWR 23.5 | WEST | 11/15/1961 05/01/1972 11/07/2005 | DECON DECON Completed |
| Shoreham Wading River, NY 05000322 | BWR 2,436 | GE | 04/21/1989 06/28/1989 04/11/1995 | DECON DECON Completed |
| Three Mile Island 2 Middletown, PA 05000320 | PWR 2,770 | B&W | 02/08/1978 03/28/1979 12/31/2036 | ** |
| Trojan Rainier, OR 05000344 | PWR 3,411 | WEST | 11/21/1975 11/09/1992 05/23/2005 | DECON DECON Completed |
| Yankee-Rowe Rowe, MA 05000029 | PWR 600 | WEST | 12/24/1963 10/01/1991 08/10/2007 | DECON DECON Completed |
| Vermont Yankee Vernon, VT 05000271 | BWR-Mark 1 1,912 | GE 4 | 03/21/1972 12/29/2014 2073 | SAFSTOR SAFSTOR in Progress |
| Zion 1 Zion, IL 05000295 | PWR 3,250 | WEST | 10/19/1973 02/21/1997 | DECON DECON in Progress |



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|-----------------------------------|------------------------|----------------|--|---|
| Zion 2 Zion, IL 05000304 | PWR 3,250 | WEST | 11/14/1973 09/19/1996 2020 | DECON DECON in Progress |

* Site has been dismantled and decontaminated with the exception of the reactor vessel, which is in long-term storage.

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

Notes: GE Bonus, Hallam, and Piqua decommissioned reactor sites are part of the DOE nuclear legacy. For more information, visit DOE's Legacy Management Web site at <http://energy.gov/lm/sites/lm-sites>. CVTR, Elk River, and Shippingport decommissioned reactor sites were either decommissioned prior to the formation of the NRC or were not licensed by the NRC. See the Glossary for definitions of decommissioning alternatives (DECON, SAFSTOR).

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

Data are current as of July 2017. The next printed update will be in August 2018.



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