

APPENDIX B

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

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

APPENDIX B

U.S. Commercial Nuclear Power Reactors

Permanently Shut Down—Formerly Licensed To Operate (continued)

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

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

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

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

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

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