

# APPENDIX I

## Commercial Nuclear Power Plant Licensing History 1955–2022

Year	Original Licensing Regulations (10 CFR Part 50) <sup>1</sup>		Alternative Licensing Regulations (10 CFR Part 52) <sup>3</sup>		Permanent Shutdowns <sup>6</sup>	Operable Units
	CP Issued <sup>2</sup>	Full- Power OL Issued	COL Issued <sup>4</sup>	Operating COLs <sup>5</sup>		
1955	1	0	--	--	0	0
1956	3	0	--	--	0	0
1957	1	1	--	--	0	1
1958	0	0	--	--	0	1
1959	3	1	--	--	0	2
1960	7	1	--	--	0	3
1961	0	0	--	--	0	3
1962	1	6	--	--	0	9
1963	1	2	--	--	1	11
1964	3	3	--	--	1	13
1965	1	0	--	--	0	13
1966	5	2	--	--	17	14
1967	14	3	--	--	2	15
1968	23	0	--	--	1	13
1969	7	4	--	--	0	17
1970	10	3	--	--	1	20
1971	4	2	--	--	0	22
1972	8	6	--	--	2	27
1973	14	15	--	--	0	42
1974	23	15	--	--	2	55
1975	9	2	--	--	0	57
1976	9	7	--	--	1	63
1977	15	4	--	--	0	67
1978	13	4	--	--	1	70
1979	2	0	--	--	1	69
1980	0	2	--	--	0	71
1981	0	4	--	--	0	75
1982	0	4	--	--	1	78
1983	0	3	--	--	0	81
1984	0	6	--	--	0	87
1985	0	9	--	--	0	96
1986	0	5	--	--	0	101
1987	0	8	--	--	1	107
1988	0	2	--	--	0	109
1989	0	4	--	--	3	111
1990	0	2	--	--	0	112
1991	0	0	--	--	1	111
1992	0	0	--	--	2	109
1993	0	1	--	--	0	110
1994	0	0	--	--	0	109
1995	0	0	--	--	0	109
1996	0	1	--	--	3	109

# APPENDIX I

## Commercial Nuclear Power Plant Licensing History 1955–2022 (continued)

Year	Original Licensing Regulations (10 CFR Part 50) <sup>1</sup>		Alternative Licensing Regulations (10 CFR Part 52) <sup>3</sup>		Permanent Shutdowns <sup>6</sup>	Operable Units
	CP Issued <sup>2</sup>	Full-Power OL Issued	COL Issued <sup>4</sup>	Operating COLs <sup>5</sup>		
1997	0	0	0	0	2	107
1998	0	0	0	0	1	104
1999– 2011	0	0	0	0	0	104
2012	0	0	4 units	0	0	104
2013	0	0	0	0	4	100
2014	0	0	0	0	1	99
2015	0	1	1 unit	0	0	100
2016	0	0	6 units	0	1	99
2017	0	0	1 unit	0	0	99
2018	0	0	2 units	0	1	98
2019	0	0	0	0	2	96
2020	0	0	0	0	2	94
2021	0	0	0	0	1	93
2022	0	0	0	1	1	93*
<b>Total</b>	<b>177</b>	<b>133</b>	<b>14 units</b>	<b>1</b>	<b>40</b>	<b>--</b>

 U.S. Atomic Energy Commission was the regulatory authority.

-- Not applicable

\* Includes Vogtle Electric Generating Plant, Unit 3 (Southern Nuclear), which plans to enter service in the first quarter of 2023.

<sup>1</sup> Data in columns 1–3 are based on 10 CFR Part 50, "Domestic Licensing of Production and Utilization Facilities." Numbers reflect permits or licenses issued in a given year, not extant permits or licenses.

<sup>2</sup> Issuance by regulatory authority of a permit, or equivalent permission, to begin construction. Under alternative licensing regulations in 10 CFR Part 52, "Licenses, Certifications, and Approvals for Nuclear Power Plants," a construction permit (CP) is not issued separately from the operating license.

<sup>3</sup> Data in columns 4–6 are based on 10 CFR Part 52. Numbers reflect permits or licenses issued in a given year, not extant permits or licenses.

<sup>4</sup> Number of combined licenses (COLs) issued in a given year, including six that were subsequently terminated. See appendix A on status of plant construction and appendix B for more information on withdrawn and suspended applications.

<sup>5</sup> Issuance by the NRC of a finding under 10 CFR 52.103(g), in a given year.

<sup>6</sup> Number of operating plants transitioned to shutdown in a given year. Does not represent the total number of reactor units included.

<sup>7</sup> These are U.S. Department of Energy (DOE) nuclear legacy sites: Hallam (1964), Piqua (1966), Elk River (1968), and Shippingport (1982). For more information, visit the DOE's Legacy Management website at <https://energy.gov/lm/sites/lm-sites> and see the NRC Online Glossary for definitions of decommissioning alternatives (DECON, SAFSTOR).

Source: U.S. Energy Information Administration/Annual Energy Review 2011 located at <https://www.eia.gov/aer> and compilation of NRC information following 2011.

Data are current as of September 2022.