

APPENDIX K
Commercial Nuclear Power Plant
Licensing History 1955–2019


Year	Original Licensing Regulations (10 CFR Part 50) ¹		Alternative Licensing Regulations (10 CFR Part 52) ³			
	CP Issued ²	Full-Power OL Issued	COL Issued ⁴	Operating COLs ⁵	Permanent Shutdowns ⁶	Operable Units
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 ₇	13
1965	1	0	--	--	0	13
1966	5	2	--	--	1 ₇	14
1967	14	3	--	--	2	15
1968	23	0	--	--	1 ₇	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 ₇	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
1997	0	0	0	0	2	107
1998	0	0	0	0	1	104
1999–2011	0	0	0	0	0	104



APPENDIX K

Commercial Nuclear Power Plant Licensing History 1955–2019 (continued)

Year	Original Licensing Regulations (10 CFR Part 50) ¹		Alternative Licensing Regulations (10 CFR Part 52) ³		Permanent Shutdowns ⁶	Operable Units
	CP Issued ²	Full-Power OL Issued	COL Issued ⁴	Operating COLs ⁵		
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	1	97
Total	177	133	14 units	0	36	--

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

-- Not applicable

¹ Data in columns 1–3 are based on 10 CFR Part 50. Numbers reflect permits or licenses issued in a given year, not extant permits or licenses

² Issuance by regulatory authority of a permit, or equivalent permission, to begin construction. Under alternative licensing regulations in 10 CFR Part 52, a construction permit (CP) is not issued separately from the operating license.

³ 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.

⁴ 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.

⁵ Issuance by NRC of a finding under 10CFR 52.103(g), in a given year.

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

⁷ These are DOE nuclear legacy sites Hallam (1964), Piqua (1966), Elk River (1968) and Shippingport (1982). For more information visit DOE's Legacy Management Web site at <https://energy.gov/lm/sites/lm-sites> and see the 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 July 2019.

