

Supplementary Data to

Global risk of radioactive fallout after nuclear reactor accidents

Jos Lelieveld^{1,2}, Daniel Kunkel¹, and Mark G. Lawrence¹

¹Max Planck Institute for Chemistry, 55020 Mainz, Germany

²The Cyprus Institute, 1645 Nicosia, Cyprus

E-mail: jos.lelieveld@mpic.de

Name	Block	Reactor type	Status	Net capacity in MW	Gross capacity in MW	Start of operation	End of operation (planned)	Energy supply in GWh
------	-------	--------------	--------	-----------------------	-------------------------	-----------------------	-------------------------------	-------------------------

South Afrika

Koeberg	1	PWR	operational	900	944	04.04.1984	(14.08.2024)	127.092
Koeberg	2	PWR	operational	900	944	25.07.1985	(15.11.2025)	122.496

Asia

Armenia

Mezamor (Armenia)	1	WWER-440/270	decommissioned	376	408	22.12.1976	25.02.1989	25.266
Mezamor (Armenia)	2	WWER-440/270	operational	376	408	05.01.1980	(2016)	46.546

China

Changjiang	1	CNP-600	under construction since 2010	610	650	–	–	–
Changjiang	2	CNP-600	under construction since 2010	610	650	–	–	–
Daya Bay (Guangdong)	1	PWR	operational	944	984	31.08.1993	(06.05.2034)	93.096
Daya Bay (Guangdong)	2	PWR	operational	944	984	07.02.1994	(31.01.2034)	91.559
Fangchenggang	1	CPR-1000	under construction since 2010	1	1,087	–	–	–
Fangjiashan	1	CPR-1000	under construction since 2008	1	1,087	–	–	–
Fangjiashan	2	CPR-1000	under construction since 2009	1	1,087	–	–	–
Fuqing	1	CPR-1000	under construction since 2008	1	1,087	(2014/15)	–	–
Fuqing	2	CPR-1000	under construction since 2009	1	1,087	–	–	–
Haiyang	1	AP-1000	under construction since 2009	1	1,25	–	–	–
Haiyang	2	AP-1000	under construction since 2010	1	1,25	–	–	–
Hongyanhe	1	CPR-1000	under construction since 2007	1	1,08	(2013/14)	–	–
Hongyanhe	2	CPR-1000	under construction since 2008	1	1,08	(2013/14)	–	–
Hongyanhe	3	CPR-1000	under construction since 2009	1	1,08	–	–	–
Hongyanhe	4	CPR-1000	under construction since 2009	1	1,08	–	–	–

Ling'ao	1	PWR	operational	938	990	26.02.2002	(28.05.2042)	39.445
Ling'ao	2	PWR	operational	938	990	15.12.2002	(15.03.2043)	36.071
Ling'ao	3	PWR	operational	1	1,087	15.07.2010	–	–
Ling'ao	4	PWR	under construction since 2006	1	1,086	(2011)	–	–
Ningde	1	CPR-1000	under construction since 2008	1	1,087	(2014/15)	–	–
Ningde	2	CPR-1000	under construction since 2008	1	1,08	(2014/15)	–	–
Ningde	3	CPR-1000	under construction since 2010	1	1,08	(2016/17)	–	–
Ningde	4	CPR-1000	under construction since 2010	1	1,08	–	–	–
Qinshan	1	PWR	operational	288	310	15.12.1991	(01.04.2034)	28.895
Qinshan	2-1	PWR	operational	610	650	06.02.2002	(17.04.2042)	23.356
Qinshan	2-2	PWR	operational	610	650	11.03.2004	(03.05.2044)	17.893
Qinshan	2-3	PWR	operational	610	650	01.08.2010	–	–
Qinshan	2-4	PWR	under construction since 2007	610	650	(28.09.2011)	–	–
Qinshan	3-1	CANDU-6	operational	650	700	19.11.2002	(31.12.2042)	20.127
Qinshan	3-2	CANDU-6	operational	650	700	12.06.2003	(24.07.2043)	17.107
Sanmen	1	AP-1000	under construction since 2009	1	1,115	–	–	–
Sanmen	2	AP-1000	under construction since 2009	1	1,115	–	–	–
Taishan	1	EPR (DWR)	under construction since 2009	1,7	1,75	–	–	–
Taishan	2	EPR (DWR)	under construction since 2010	1,7	1,75	–	–	–
Tianwan	1	WWER-1000/428	operational	933	1	12.05.2006	(2046)	6.546
Tianwan	2	WWER-1000/428	operational	933	1	14.05.2007	(2047)	3.974
Yangjiang	1	CPR-1000	under construction since 2008	1	1,087	–	–	–
Yangjiang	2	CPR-1000	under construction since 2009	1	1,087	–	–	–
Yangjiang	3	CPR-1000	under construction since 2010	1	1,087	–	–	–

India

Kaiga	1	PHWR	operational	202	220	12.10.2000	(16.11.2040)	8.990
Kaiga	2	PHWR	operational	202	220	02.12.1999	(22.12.2039)	10.217
Kaiga	3	PHWR	operational	202	220	11.04.2007	(2047)	353
Kaiga	4	PHWR	operational	202	220	20.01.2011	–	–
Kakrapar (KAPS)	1	PHWR	operational	202	220	24.11.1992	(06.05.2033)	16.450
Kakrapar (KAPS)	2	PHWR	operational	202	220	04.03.1995	(01.09.2035)	16.534

Kakrapar (KAPS)	3	PHWR	under construction since 2010	640	700	(31.03.2015)	–	–
Kakrapar (KAPS)	4	PHWR	under construction since 2010	640	700	(30.09.2015)	–	–
Kudankulam (KKNPP)	1	WWER-1000/412	under construction since 2002	917	1.000	(28.02.2011)	–	–
Kudankulam (KKNPP)	2	WWER-1000/412	under construction since 2002	917	1.000	(31.08.2011)	–	–
Madras (MAPS)	1	PHWR	operational	205	220	23.07.1983	(2033)	19.746
Madras (MAPS)	2	PHWR	operational	205	220	20.09.1985	(2036)	19.935
Madras (PFBR)	–	FBR	under construction since 2004	470	500	?	–	–
Narora (NAPS)	1	PHWR	operational	202	220	29.07.1989	(01.01.2031)	16.312
Narora (NAPS)	2	PHWR	operational	202	220	05.01.1992	(01.07.2032)	17.988
Rajasthan (RAPS)	1	CANDU-Reactor	operational	90	100	30.11.1972	(15.12.2013)	10.138
Rajasthan (RAPS)	2	PHWR	operational	187	200	01.11.1980	(01.04.2021)	21.754
Rajasthan (RAPS)	3	PHWR	operational	202	220	10.03.2000	(15.06.2040)	10.986
Rajasthan (RAPS)	4	PHWR	operational	202	220	17.11.2000	(23.12.2040)	10.239
Rajasthan (RAPS)	5	PHWR	operational	202	220	22.12.2009	(2049)	–
Rajasthan (RAPS)	6	PHWR	operational	202	220	28.03.2010	(2050)	–
Tarapur (TAPS)	1	BWR	operational	150	160	01.04.1969	(16.02.2011)	33.992
Tarapur (TAPS)	2	BWR	operational	150	160	05.05.1969	(16.02.2011)	34.143
Tarapur (TAPS)	3	PHWR	operational	490	540	15.06.2006	(18.08.2046)	3.511
Tarapur (TAPS)	4	PHWR	operational	490	540	04.06.2005	(12.09.2045)	4.797

Iran

Buschehr	1	WWER-1000/446	under construction since 1975	915	1.000	(20.12.2010)	–	–
----------	---	---------------	-------------------------------	-----	-------	--------------	---	---

Japan

Fugen (ATR)	–	Advanced Thermal Reactor C27	decommissioned	148	165	29.07.1978	29.03.2003	8.326
Fukushima-Daiichi	1	BWR	accident	439	460	17.11.1970	–	73.855
Fukushima-Daiichi	2	BWR	accident	760	784	24.12.1973	–	132.006
Fukushima-Daiichi	3	BWR	accident	760	784	26.10.1974	–	139.102
Fukushima-Daiichi	4	BWR	accident	760	784	24.02.1978	–	138.391
Fukushima-Daiichi	5	BWR	operational	760	784	22.09.1977	not known	140.891
Fukushima-Daiichi	6	BWR	operational	1.067	1.100	04.05.1979	not known	185.428

Fukushima-Daini	1	BWR	operational	1.067	1.100	31.07.1981	not known	180.413
Fukushima-Daini	2	BWR	operational	1.067	1.100	23.06.1983	not known	164.943
Fukushima-Daini	3	BWR	operational	1.067	1.100	14.12.1984	not known	137.760
Fukushima-Daini	4	BWR	operational	1.067	1.100	17.12.1986	not known	138.617
Genkai	1	PWR	operational	529	559	14.02.1975	not known	111.487
Genkai	2	PWR	operational	529	559	03.06.1980	not known	106.082
Genkai	3	PWR	operational	1.127	1.180	15.06.1993	not known	123.546
Genkai	4	PWR	operational	1.127	1.180	12.11.1996	not known	92.482
Hamaoka	1	BWR-4	decommissioned	515	540	13.08.1974	31.01.2009	73.631
Hamaoka	2	BWR-4	decommissioned	806	840	04.05.1978	31.01.2009	129.570
Hamaoka	3	BWR-5	operational	1.056	1.100	20.01.1987	not known	149.349
Hamaoka	4	BWR-5	operational	1.092	1.137	27.01.1993	not known	113.720
Hamaoka	5	ABWR	operational	1.325	1.380	26.04.2004	not known	26.636
Higashidōri (Tohoku)	1	BWR	operational	1.067	1.100	09.03.2005	not known	18.348
Ikata	1	PWR	operational	538	566	17.02.1977	not known	111.466
Ikata	2	PWR	operational	538	566	19.08.1981	not known	100.235
Ikata	3	PWR	operational	846	890	29.03.1994	not known	84.968
JPDR	–	BWR	decommissioned	12	13	26.10.1963	18.03.1976	11
Kashiwazaki-Kariwa	1	BWR	operational	1.067	1.100	13.02.1985	not known	149.236
Kashiwazaki-Kariwa	2	BWR	operational	1.067	1.100	08.02.1990	not known	120.879
Kashiwazaki-Kariwa	3	BWR	operational	1.067	1.100	08.12.1992	not known	100.277
Kashiwazaki-Kariwa	4	BWR	operational	1.067	1.100	21.12.1993	not known	91.851
Kashiwazaki-Kariwa	5	BWR	operational	1.067	1.100	12.09.1989	not known	126.197
Kashiwazaki-Kariwa	6	ABWR	operational	1.315	1.356	29.01.1996	not known	106.689
Kashiwazaki-Kariwa	7	ABWR	operational	1.315	1.356	17.12.1996	not known	94.682
Mihama	1	PWR	operational	320	340	08.08.1970	not known	53.404
Mihama	2	PWR	operational	470	500	21.04.1972	not known	90.506
Mihama	3	PWR	operational	780	826	19.02.1976	not known	148.151
Monju	–	FBR	test operation	246	280	29.08.1995	not known	0
Ōi (Ohi)	1	PWR	operational	1.120	1.175	23.12.1977	not known	188.251
Ōi (Ohi)	2	PWR	operational	1.120	1.175	11.10.1978	not known	200.525
Ōi (Ohi)	3	PWR	operational	1.127	1.180	07.06.1991	not known	135.073
Ōi (Ohi)	4	PWR	operational	1.127	1.180	19.06.1992	not known	127.203

Ōma (Ohma)	–	BWR	under construction since 2010	1.325	1.383			
Onagawa	1	BWR	operational	498	524	18.11.1983	not known	74.604
Onagawa	2	BWR	operational	796	825	23.12.1994	not known	65.376
Onagawa	3	BWR	operational	796	825	30.05.2001	not known	27.174
Sendai	1	PWR	operational	846	890	16.09.1983	not known	151.472
Sendai	2	PWR	operational	846	890	05.04.1985	not known	137.041
Shika	1	BWR	operational	505	540	12.01.1993	not known	49.186
Shika	2	ABWR	operational	1.304	1.358	04.07.2005	not known	6.586
Shimane	1	BWR	operational	439	460	02.12.1973	not known	95.635
Shimane	2	BWR	operational	789	820	11.07.1988	not known	109.762
Shimane	3	BWR	under construction since 2007	1.325	1.373	01.12.2011	–	–
Takahama	1	PWR	operational	780	826	27.03.1974	not known	156.131
Takahama	2	PWR	operational	780	826	17.01.1975	not known	151.458
Takahama	3	PWR	operational	830	870	09.05.1984	not known	142.755
Takahama	4	PWR	operational	830	870	01.11.1984	not known	141.142
Tōkai	1	AGR	decommissioned	137	166	10.11.1965	31.03.1998	28.190
Tōkai	2	BWR	operational	1.060	1.100	13.03.1978	not known	202.521
Tomari	1	PWR	operational	550	579	06.12.1988	not known	77.440
Tomari	2	PWR	operational	550	579	27.08.1990	not known	69.881
Tomari	3	PWR	operational	866	912	10.12.2009	not known	–
Tsuruga	1	BWR	operational	340	357	16.11.1969	not known	74.924
Tsuruga	2	PWR	operational	1.110	1.160	19.06.1986	not known	166.494

Kasachstan

Aqtau	–	FBR	decommissioned	52	90	16.07.1973	22.04.1999	1.853
-------	---	-----	----------------	----	----	------------	------------	-------

Pakistan

Chashma (CHASNUPP)	1	PWR	operational	300	325	13.06.2000	(15.09.2030)	13.861
Chashma (CHASNUPP)	2	PWR	under construction since 2005	300	325	(31.05.2011)	–	–
Karatschi (KANUPP)	–	CANDU-Reactor	operational	125	137	18.10.1971	(15.10.2012)	10.352

South Korea

Gori	1	PWR	operational	569	603	26.06.1977	not known	107.465
Gori	2	PWR	operational	637	675	22.04.1983	not known	113.900
Gori	3	PWR	operational	964	1.004	22.01.1985	not known	155.468
Gori	4	PWR	operational	966	1.006	15.11.1985	not known	154.898
Singori	1	PWR	operational	960	1.000	04.08.2010	–	–
Singori	2	PWR	under construction since 2007	960	1.000	(01.08.2011)	–	–
Singori	3	PWR	under construction since 2008	1.340	1.400	(2013)	–	–
Singori	4	PWR	under construction since 2009	1.340	1.400	(2014)	–	–
Sinwalseong	1	PWR	under construction since 2007	960	1.000	(28.05.2011)	–	–
Sinwalseong	2	PWR	under construction since 2008	960	1.000	(28.05.2012)	–	–
Uljin	1	PWR	operational	940	985	07.04.1988	not known	133.480
Uljin	2	PWR	operational	937	984	14.04.1989	not known	129.236
Uljin	3	PWR	operational	995	1.047	06.01.1998	not known	73.932
Uljin	4	PWR	operational	992	1.045	28.12.1998	not known	62.434
Uljin	5	PWR	operational	995	1.048	18.12.2003	not known	26.870
Uljin	6	PWR	operational	994	1.048	07.01.2005	not known	21.324
Wolseong	1	CANDU-6	operational	578	597	31.12.1982	not known	118.174
Wolseong	2	CANDU-6	operational	683	730	01.04.1997	not known	57.675
Wolseong	3	CANDU-6	operational	681	729	25.03.1998	not known	52.611
Wolseong	4	CANDU-6	operational	685	730	21.05.1999	not known	46.433
Yeonggwang	1	PWR	operational	942	985	05.03.1986	not known	151.196
Yeonggwang	2	PWR	operational	936	978	11.11.1986	not known	142.276
Yeonggwang	3	PWR	operational	987	1.039	30.10.1994	not known	97.828
Yeonggwang	4	PWR	operational	987	1.039	18.07.1995	not known	92.417
Yeonggwang	5	PWR	operational	990	1.046	19.12.2001	not known	41.507
Yeonggwang	6	PWR	operational	993	1.050	16.09.2002	not known	37.770

Taiwan

Chin Shan	1	BWR	operational	604	636	16.11.1977	(14.12.2018)	122.858
Chin Shan	2	BWR	operational	604	636	19.12.1978	(14.07.2019)	121.070

Kuosheng	1	BWR	operational	985	1.019	21.05.1981	(14.12.2021)	168.860
Kuosheng	2	BWR	operational	948	985	29.06.1982	(15.03.2023)	163.805
Lungmen	1	BWR	under construction	1.300	1.350	(2011)	–	–
Lungmen	2	BWR	under construction	1.300	1.350	(2012)	–	–
Maanshan	1	PWR	operational	890	951	09.05.1984	(15.07.2024)	141.894
Maanshan	2	PWR	operational	890	951	25.02.1985	(14.05.2025)	145.546

Europe

Belgium

BR	3	PWR	decommissioned	10	12	10.10.1962	30.06.1987	759
Doel	1	PWR	operational	392	412	28.08.1974	(15.02.2015)	97.861
Doel	2	PWR	operational	433	454	21.08.1975	(14.12.2015)	91.997
Doel	3	PWR	operational	1.006	1.056	23.06.1982	(14.10.2022)	182.637
Doel	4	PWR	operational	1.008	1.041	08.04.1985	(14.07.2025)	165.566
Tihange	1	PWR	operational	962	1.009	07.03.1975	(14.09.2015)	214.254
Tihange	2	PWR	operational	1.008	1.055	13.10.1982	(15.06.2023)	179.274
Tihange	3	PWR	operational	1.015	1.065	15.06.1985	(14.09.2025)	174.535

Bulgaria

Belene	1	WWER-1000/466 [15]	under construction since 1987	953	1.000	(offen)	–	–
Belene	2	WWER-1000/466 [15]	under construction since 1987	953	1.000	(offen)	–	–
Kosloduj	1	WWER-440/230	decommissioned	408	440	24.07.1974	1 31.12.2002	61.070
Kosloduj	2	WWER-440/230	decommissioned	408	440	24.08.1975	31.12.2002	62.819
Kosloduj	3	WWER-440/230	decommissioned	408	440	17.12.1980	31.12.2006	62.817
Kosloduj	4	WWER-440/230	decommissioned	408	440	17.05.1982	31.12.2006	60.991
Kosloduj	5	WWER-1000/320	operational	953	1.000	29.11.1987	(14.08.2018)	83.156
Kosloduj	6	WWER-1000/320	operational	953	1.000	02.08.1991	(14.12.2023)	70.878

Germany

Biblis (KWB A)	A	PWR	operational	1.167	1.225	25.08.1974	(2020)	216.665
Biblis (KWB B)	B	PWR	operational	1.240	1.300	06.04.1976	(2019)	224.193
Brokdorf (KBR)	–	PWR	operational	1.410	1.480	14.10.1986	(2033)	220.028
Brunsbüttel (KKB)	–	BWR	operational	771	806	13.07.1976	(2020)	120.371
Emsland (KKE)	–	PWR	operational	1.329	1.400	19.04.1988	(2034)	209.818
Grafenrheinfeld (KKG)	–	PWR	operational	1.275	1.345	21.12.1981	(2028)	245.338
Greifswald (KGR 1)	1	WWER-440/230	decommissioned	408	440	17.12.1973	18.12.1990	35.452
Greifswald (KGR 2)	2	WWER-440/230	decommissioned	408	440	23.12.1974	14.02.1990	36.569
Greifswald (KGR 3)	3	WWER-440/230	decommissioned	408	440	24.10.1977	28.02.1990	33.271
Greifswald (KGR 4)	4	WWER-440/230	decommissioned	408	440	03.09.1979	02.06.1990	28.920
Greifswald (KGR 5)[16]	5	WWER-440/213	decommissioned	408	440	24.04.1989	24.11.1989	0
Grohnde (KWG)	–	PWR	operational	1.360	1.430	04.09.1984	(2032)	246.467
Großwelzheim (HDR)	–	hot steam reactor	decommissioned	23	25	14.10.1969	20.04.1971	6
Gundremmingen (KRB A)	A	BWR	decommissioned	237	250	01.12.1966	13.01.1977	13.790
Gundremmingen (KGG B)	B	BWR	operational	1.284	1.344	16.03.1984	(2030)	216.590
Gundremmingen (KGG C)	C	BWR	operational	1.288	1.344	02.11.1984	(2030)	206.886
Hamm-Uentrop (THTR-300)	–	HTR	decommissioned	296	308	16.11.1985	29.04.1988	2.756
Isar (KKI 1)	1	BWR	operational	878	912	03.12.1977	(2019)	176.043
Isar (KKI 2)	2	PWR	operational	1.400	1.475	22.01.1988	(2034)	210.613
Jülich (AVR)	–	HTR	decommissioned	13	15	17.12.1967	31.12.1988	1.506
Kahl (VAK)	–	BWR	decommissioned	15	16	17.06.1961	25.11.1985	2.046
Karlsruhe (KNK I/II)	–	FBR	decommissioned	17	21	09.04.1978	23.08.1991	323
Karlsruhe (MZFR)	–	PWR	decommissioned	52	57	09.03.1966	03.05.1984	4.787
Krümmel (KKK)	–	BWR	operational	1.346	1.402	28.09.1983	(2033)	201.377
Lingen (KWL)	–	BWR	decommissioned	183	268	01.07.1968	05.01.1979	9.136
Mülheim-Kärlich (KMK)	–	PWR	decommissioned	1.219	1.302	14.03.1986	09.09.1988	10.291
Neckarwestheim (GKN 1)	1	PWR	operational	785	840	03.06.1976	(2019)	175.388
Neckarwestheim (GKN 2)	2	PWR	operational	1.310	1.400	03.01.1989	(2036)	194.515
Niederaichbach (KKN)	–	HWR	decommissioned	100	106	01.01.1973	31.07.1974	15
Obrigheim (KWO)	–	PWR	decommissioned	340	357	29.10.1968	11.05.2005	86.821
Philippsburg (KKP 1)	1	BWR	operational	890	926	07.05.1979	(2020)	166.935
Philippsburg (KKP 2)	2	PWR	operational	1.392	1.458	17.12.1984	(2032)	236.607

Rheinsberg (KKR)	–	WWER-210	decommissioned	62	70	06.05.1966	01.06.1990	9.000
Stade (KKS)	–	PWR	decommissioned	640	672	29.01.1972	14.11.2003	145.896
Unterweser (KKU)	–	PWR	operational	1.345	1.410	29.09.1978	(2020)	257.355
Würgassen (KWW)	–	BWR	decommissioned	640	670	18.12.1971	26.08.1994	72.922

Finland

Loviisa	1	WWER-440/311	operational	488	510	08.02.1977	(2027)	106.318
Loviisa	2	WWER-440/311	operational	488	510	04.11.1980	(2030)	96.393
Olkiluoto	1	BWR	operational	860	890	02.09.1978	(2039)	173.550
Olkiluoto	2	BWR	operational	860	890	18.02.1980	(2042)	164.596
Olkiluoto	3	EPR (DWR)	under construction since 2005	1.600	1.720	(2013)	–	–

France

Belleville	1	PWR	operational	1.310	1.363	14.10.1987	(15.06.2028)	130.195
Belleville	2	PWR	operational	1.310	1.363	06.07.1988	(14.01.2029)	157.673
Blayais	1	PWR	operational	910	951	12.06.1981	(14.12.2021)	150.254
Blayais	2	PWR	operational	910	951	17.07.1982	(15.02.2023)	152.882
Blayais	3	PWR	operational	910	951	17.08.1983	(15.11.2023)	147.838
Blayais	4	PWR	operational	910	951	16.05.1983	(14.10.2023)	146.649
Brennilis (EI-4)	–	pressure tube reactor	decommissioned	70	75	09.07.1967	31.07.1985	6.320
Bugey	1	UNGG-reactor	decommissioned	540	555	15.04.1972	27.05.1994	55.335
Bugey	2	PWR	operational	910	945	10.05.1978	(15.03.2019)	156.360
Bugey	3	PWR	operational	910	945	21.09.1978	(15.03.2019)	156.604
Bugey	4	PWR	operational	880	917	08.03.1979	(14.07.2019)	148.923
Bugey	5	PWR	operational	880	917	31.07.1979	(15.01.2020)	151.996
Cattenom	1	PWR	operational	1.300	1.362	13.11.1986	(14.04.2027)	163.017
Cattenom	2	PWR	operational	1.300	1.362	17.09.1987	(14.02.2028)	167.040
Cattenom	3	PWR	operational	1.300	1.362	06.07.1990	(15.02.2031)	146.451
Cattenom	4	PWR	operational	1.300	1.362	27.05.1991	(15.01.2032)	144.189
Chinon	A1	UNGG-reactor	decommissioned	70	80	14.06.1963	16.04.1973	2.972
Chinon	A2	UNGG-reactor	decommissioned	180	230	24.02.1965	14.06.1985	24.881

Chinon	A3	UNGG-reactor	decommissioned	360	480	04.08.1966	15.06.1990	30.545
Chinon	B1	PWR	operational	905	954	30.11.1982	(14.02.2024)	142.603
Chinon	B2	PWR	operational	905	954	29.11.1983	(14.08.2024)	137.330
Chinon	B3	PWR	operational	905	954	20.10.1986	(15.03.2027)	122.285
Chinon	B4	PWR	operational	905	954	14.11.1987	(15.04.2028)	118.161
Chooz (Ardennes)	A	PWR	decommissioned	305	320	03.04.1967	30.10.1991	38.603
Chooz	B1	PWR	operational	1.500	1.560	30.08.1996	(14.01.2037)	89.346
Chooz	B2	PWR	operational	1.500	1.560	10.04.1997	(15.09.2039)	88.535
Civaux	1	PWR	operational	1.495	1.561	24.12.1997	(24.12.2037)	75.313
Civaux	2	PWR	operational	1.495	1.561	24.12.1999	(24.12.2039)	74.086
Cruas	1	PWR	operational	915	956	29.04.1983	(15.04.2024)	134.364
Cruas	2	PWR	operational	915	956	06.09.1984	(14.04.2025)	133.999
Cruas	3	PWR	operational	915	956	14.05.1984	(15.09.2024)	134.492
Cruas	4	PWR	operational	915	956	27.10.1984	(15.02.2025)	130.406
Dampierre	1	PWR	operational	890	937	23.03.1980	(15.09.2020)	152.226
Dampierre	2	PWR	operational	890	937	10.12.1980	(15.02.2021)	144.967
Dampierre	3	PWR	operational	890	937	30.01.1981	(14.05.2021)	151.426
Dampierre	4	PWR	operational	890	937	18.08.1981	(15.11.2021)	144.733
Fessenheim	1	PWR	operational	880	920	06.04.1977	(14.12.2017)	156.688
Fessenheim	2	PWR	operational	880	920	07.10.1977	(15.03.2018)	162.606
Flamanville	1	PWR	operational	1.330	1.382	04.12.1985	(14.12.2026)	175.504
Flamanville	2	PWR	operational	1.330	1.382	18.07.1986	(15.03.2027)	173.961
Flamanville	3	EPR (DWR)	under construction since 2007	1.600	1.650	(01.05.2012)	–	–
Golfech	1	PWR	operational	1.310	1.363	07.06.1990	(15.02.2031)	148.890
Golfech	2	PWR	operational	1.310	1.363	18.06.1993	(14.01.2034)	122.683
Gravelines	1	PWR	operational	910	951	13.03.1980	(15.12.2020)	152.932
Gravelines	2	PWR	operational	910	951	26.08.1980	(15.12.2020)	159.587
Gravelines	3	PWR	operational	910	951	12.12.1980	(15.06.2021)	159.125
Gravelines	4	PWR	operational	910	951	14.06.1981	(14.10.2021)	156.335
Gravelines	5	PWR	operational	910	951	28.08.1984	(14.01.2025)	138.101
Gravelines	6	PWR	operational	910	951	01.08.1985	(14.10.2025)	136.080
Marcoule	G-2	UNGG-reactor	decommissioned	38	43	22.04.1959	02.02.1980	847
Marcoule	G-3	UNGG-reactor	decommissioned	47 [19]	51	04.04.1960	20.06.1984	4.898

Nogent	1	PWR	operational	1.310	1.363	21.10.1987	(14.02.2028)	163.260
Nogent	2	PWR	operational	1.310	1.363	14.12.1988	(14.05.2029)	162.147
Paluel	1	PWR	operational	1.330	1.382	22.06.1984	(14.12.2025)	184.877
Paluel	2	PWR	operational	1.330	1.382	14.09.1984	(14.12.2025)	179.953
Paluel	3	PWR	operational	1.330	1.382	30.09.1985	(15.02.2026)	175.201
Paluel	4	PWR	operational	1.330	1.382	11.04.1986	(15.06.2026)	177.482
Penly	1	PWR	operational	1.330	1.382	04.05.1990	(14.12.2030)	152.219
Penly	2	PWR	operational	1.330	1.382	04.02.1992	(14.11.2032)	137.947
Phénix[20]	–	FBR	decommissioned	130	140	13.12.1973	01.02.2010	23.529
Saint-Alban	1	PWR	operational	1.335	1.381	30.08.1985	(14.05.2026)	171.746
Saint-Alban	2	PWR	operational	1.335	1.381	03.07.1986	(15.03.2027)	163.046
Saint-Laurent	A1	UNGG-Reactor	decommissioned	480	500	14.03.1969	18.04.1990	45.299
Saint-Laurent	A2	UNGG-Reactor	decommissioned	515	530	09.08.1971	27.05.1992	46.917
Saint-Laurent	B1	PWR	operational	915	956	21.01.1981	(15.08.2023)	141.780
Saint-Laurent	B2	PWR	operational	915	956	01.06.1981	(15.08.2023)	141.606
Creys-Malville	–	Superphénix (BR)	decommissioned	1.200	1.242	14.01.1986	31.12.1998	3.392
Tricastin	1	PWR	operational	915	955	31.05.1980	(15.12.2020)	159.380
Tricastin	2	PWR	operational	915	955	07.08.1980	(15.12.2020)	158.363
Tricastin	3	PWR	operational	915	955	10.02.1981	(14.05.2021)	162.190
Tricastin	4	PWR	operational	915	955	12.06.1981	(15.11.2021)	155.710

Italy

Caorso	–	BWR	decommissioned	860	882	23.05.1978	01.07.1990	27.726
Enrico Fermi (Trino)	–	PWR	decommissioned	260	270	22.10.1964	01.07.1990	24.307
Garigliano	–	BWR	decommissioned	150	160	01.01.1964	01.03.1982	12.246
Latina	–	Magnox-Reactor	decommissioned	153	160	12.05.1963	01.12.1987	25.489

Lituania

Ignalina	1	RBMK-1500	decommissioned	1.185	1.300	31.12.1983	31.12.2004	86.385
Ignalina	2	RBMK-1500	decommissioned	1.185	1.300	20.08.1987	31.12.2009	136.028

Netherlands

Borssele (KCB)	–	PWR	operational	482	515	04.07.1973	(2033)	112.407
Dodewaard	–	BWR	decommissioned	55	60	18.10.1968	26.03.1997	10.932

Rumania

Cernavodă	1	CANDU-6	operational	650	706	11.07.1996	(02.12.2036)	56.553
Cernavodă	2	CANDU-6	operational	650	706	07.08.2007	–	1.560

Russia

Akademik Lomonossow	1	KLT-40S	under construction since 2007	32	35	(2012)	–	–
Akademik Lomonossow	2	KLT-40S	under construction since 2007	32	35	(2012)	–	–
Balakowo	1	WWER-1000/320	operational	950	1.000	28.12.1985	(2015)	115.611
Balakowo	2	WWER-1000/320	operational	950	1.000	08.10.1987	(2017)	105.765
Balakowo	3	WWER-1000/320	operational	950	1.000	25.12.1988	(2018)	106.994
Balakowo	4	WWER-1000/320	operational	950	1.000	11.04.1993	(2023)	87.825
Belojarsk	1	AMB-100	decommissioned	102	108	26.04.1964	01.01.1983	–
Belojarsk	2	AMB-200	decommissioned	146	160	29.12.1967	01.01.1990	22.009
Belojarsk	3	BN-600	operational	560	600	08.04.1980	(2025)	96.920
Belojarsk	4	BN-800	under construction since 2006	804	880	(2012)	–	–
Bilibino	1	GBWR-12/EGP-6	operational	11	12	12.01.1974	(2019)	1.793
Bilibino	2	GBWR-12/EGP-6	operational	11	12	30.12.1974	(2019)	1.722
Bilibino	3	GBWR-12/EGP-6	operational	11	12	22.12.1975	(2021)	1.723
Bilibino	4	GBWR-12/EGP-6	operational	11	12	27.12.1976	(2022)	1.601
Kalinin	1	WWER-1000/338	operational	950	1.000	09.05.1984	(2014)	138.508
Kalinin	2	WWER-1000/338	operational	950	1.000	03.12.1986	(2016)	126.848
Kalinin	3	WWER-1000/320	operational	950	1.000	16.12.2004	(2034)	17.818
Kalinin	4	WWER-1000/320	under construction since 1986	950	1.000	(31.12.2010)	–	–
Kola	1	WWER-440/230	operational	411	440	29.06.1973	2018 (2018)	80.864
Kola	2	WWER-440/230	operational	411	440	09.12.1974	2019 (2019)	78.376
Kola	3	WWER-440/213	operational	411	440	24.03.1981	2036 (2036)	67.001

Kola	4	WWER-440/213	operational	411	440	11.10.1984	2014 (2014)	59.149
Kursk	1	RBMK-1000 (1. Gen.)	operational	925	1.000	19.12.1976	2021 (2021)	145.439
Kursk	2	RBMK-1000 (1. Gen.)	operational	925	1.000	28.01.1979	2024 (2024)	141.871
Kursk	3	RBMK-1000 (2. Gen.)	operational	925	1.000	17.10.1983	2033 (2033)	139.611
Kursk	4	RBMK-1000 (2. Gen.)	operational	925	1.000	02.12.1985	2035 (2035)	135.657
Kursk	5	RBMK-1000 (3. Gen.)	under construction since 1985	915	1.000	(31.12.2010)	–	–
Leningrad (Sosnowy Bor)	1	RBMK-1000 (1. Gen.)	operational	925	1.000	21.12.1973	2018 (2018)	188.343
Leningrad (Sosnowy Bor)	2	RBMK-1000 (1. Gen.)	operational	925	1.000	11.07.1975	2020 (2020)	180.468
Leningrad (Sosnowy Bor)	3	RBMK-1000 (2. Gen.)	operational	925	1.000	07.12.1979	2029 (2029)	155.601
Leningrad (Sosnowy Bor)	4	RBMK-1000 (2. Gen.)	operational	925	1.000	09.02.1981	2031 (2031)	153.350
Leningrad II	1	WWER-1200/491	under construction since 2008	1.085	1.170	(2013)	–	–
Leningrad II	2	WWER-1200/491	under construction since 2010	1.085	1.170	(2016)	–	–
Nowovoronesch	1	WWER-210 [24]	decommissioned	197	210	30.09.1964	16.02.1988	–
Nowovoronesch	2	WWER-365 [25]	decommissioned	336	365	27.12.1969	29.08.1990	49.910
Nowovoronesch	3	WWER-440/179	operational	385	417	27.12.1971	-2016	85.635
Nowovoronesch	4	WWER-440/179	operational	385	417	28.12.1972	-2017	90.875
Nowovoronesch	5	WWER-1000/187	operational	950	1.000	31.05.1980	-2030	132.718
Nowovoronesch II	1	WWER-1200/392M	under construction since 2008	1.114	1.200	(31.12.2012)	–	–
Nowovoronesch II	2	WWER-1200/392M	under construction since 2009	1.114	1.200	(31.12.2013)	–	–
Obninsk (APS-1)	1	M-1 (predecessor RBMK)	decommissioned	5	6	26.06.1954	29.04.2002	–
Rostow	1	WWER-1000/320I	operational	950	1.000	30.03.2001	(2030)	47.319
Rostow	2	WWER-1000/320I	operational	950	1.000	18.03.2010	–	–
Rostow	3	WWER-1000	under construction since 2009	1.011	1.070		–	–
Rostow	4	WWER-1000	under construction since 2010	1.011	1.070		–	–
Smolensk	1	RBMK-1000 (2. Gen.)	operational	925	1.000	09.12.1982	(2033)	142.078
Smolensk	2	RBMK-1000 (2. Gen.)	operational	925	1.000	31.05.1985	(2035)	133.151
Smolensk	3	RBMK-1000 (3. Gen.)	operational	925	1.000	17.01.1990	(2040)	113.607

Sweden

Ågesta	–	PHWR	decommissioned	10	12	01.05.1964	02.06.1974	398
Barsebäck	1	BWR	decommissioned	600	615	15.05.1975	30.11.1999	78.675
Barsebäck	2	BWR	decommissioned	600	615	21.03.1977	31.05.2005	108.043

Forsmark	1	BWR	operational	987	1.025	06.06.1980	(15.02.2021)	183.342
Forsmark	2	BWR	operational	1.000	1.038	26.01.1981	(14.07.2021)	178.946
Forsmark	3	BWR	operational	1.170	1.212	05.03.1985	(15.08.2025)	192.788
Oskarshamn	1	BWR	operational	467	487	19.08.1971	(14.02.2012)	86.596
Oskarshamn	2	BWR	operational	590	623	02.10.1974	(14.01.2015)	130.594
Oskarshamn	3	BWR	operational	1.152	1.197	03.03.1985	(15.08.2025)	188.003
Ringhals	1	BWR	operational	855	887	14.10.1974	(15.07.2016)	153.413
Ringhals	2	PWR	operational	867	917	17.08.1974	(14.05.2015)	167.110
Ringhals	3	PWR	operational	985	1.037	07.09.1980	(14.09.2021)	159.129
Ringhals	4	PWR	operational	935	979	23.06.1982	(15.11.2013)	155.629

Switzerland

Beznau (KKB)	1	PWR	operational	365	380	17.07.1969	not known	98.314
Beznau (KKB)	2	PWR	operational	365	380	23.10.1971	not known	97.691
Gösgen (KKG)	–	PWR	operational	970	1.020	02.02.1979	not known	209.692
Leibstadt (KKL)	–	BWR	operational	1.165	1.220	24.05.1984	not known	183.527
Mühleberg (KKM)	–	BWR	operational	355	372	01.07.1971	not known	87.115

Slovakia

Bohunice (EBO)	A1	pressure tube KS-150	decommissioned	93	143	25.12.1972	01.01.1977	916
Bohunice (EBO)	V1-1	WWER-440/230	decommissioned	408	440	17.12.1978	31.12.2006	71.566
Bohunice (EBO)	V1-2	WWER-440/230	decommissioned	408	440	26.03.1980	31.12.2008	73.681
Bohunice (EBO)	V2-3	WWER-440/213	operational	429	462	20.08.1984	(15.02.2015)	63.061
Bohunice (EBO)	V2-4	WWER-440/213	operational	410	442	09.08.1985	(14.12.2015)	62.068
Mochovce (EMO)	1	WWER-440/213	operational	436	470	04.07.1998	(27.10.2028)	26.193
Mochovce (EMO)	2	WWER-440/213	operational	436	470	20.12.1999	(27.03.2030)	21.718
Mochovce (EMO)	3	WWER-440/213	In construction 1985-1993; 2009 restarted	405	440	–	–	–
Mochovce (EMO)	4	WWER-440/213	In construction 1985-1993; 2009 restarted	405	440	–	–	–

Slowenien

Krško (JEK/NEK)	–	PWR	operational	666	730	02.10.1981	(14.01.2023)	116.406
-----------------	---	-----	-------------	-----	-----	------------	--------------	---------

Spain

Almaraz	1	PWR	operational	944	977	01.05.1981	(01.09.2023)	172.683
Almaraz	2	PWR	operational	956	980	08.10.1983	(01.07.2024)	168.134
Ascó	1	PWR	operational	995	1.033	13.08.1983	(10.12.2024)	170.931
Ascó	2	PWR	operational	997	1.027	23.10.1985	(31.03.2026)	162.967
Cofrentes	–	BWR	operational	1.064	1.092	14.10.1984	(10.03.2025)	170.579
José Cabrera (Zorita)	1	PWR	decommissioned	141	150	14.07.1968	30.04.2006	34.236
Santa María de Garoña	–	BWR	operational	446	466	02.03.1971	(11.05.2011)	108.775
Trillo (CNT)	1	PWR	operational	1.003	1.066	23.05.1988	(06.08.2028)	146.195
Vandellòs (CNV)	1	UNGG-reactor	decommissioned	480	500	06.05.1972	31.07.1990	53.629
Vandellòs (CNV)	2	PWR	operational	1.045	1.087	12.12.1987	(08.03.2028)	142.961

Czech Republic

Dukovany ([J]EDU)	1	WWER-440/213	operational	427	456	24.02.1985	(15.11.2025)	67.941
Dukovany ([J]EDU)	2	WWER-440/213	operational	427	456	30.01.1986	(14.09.2026)	66.393
Dukovany ([J]EDU)	3	WWER-440/213	operational	427	456	14.11.1986	(14.07.2027)	64.148
Dukovany ([J]EDU)	4	WWER-440/213	operational	427	456	11.06.1987	(15.01.2028)	63.359
Temelín ([J]ETE)	1	WWER-1000/320	operational	963	1.013	21.12.2000	(06.10.2042)	33.850
Temelín ([J]ETE)	2	WWER-1000/320	operational	963	1.013	29.12.2002	(18.04.2043)	29.303

Ukraine

Chmelnyzkyj	1	WWER-1000/320	operational	950	1.000	31.12.1987	(15.08.2018)	112.935
Chmelnyzkyj	2	WWER-1000/320	operational	950	1.000	07.08.2004	(2035)	21.545
Chmelnyzkyj	3	WWER-1000/320	under construction since 1986	950	1.000	(01.01.2015)	–	–
Chmelnyzkyj	4	WWER-1000/320	under construction since 1987	950	1.000	(01.01.2016)	–	–
Riwne	1	WWER-440/213	operational	381	420	31.12.1980	(14.09.2011)	69.111
Riwne	2	WWER-440/213	operational	376	415	30.12.1981	(14.07.2012)	68.229
Riwne	3	WWER-1000/320	operational	950	1.000	21.12.1986	(13.05.2017)	118.432

Riwne	4	WWER-1000/320	operational	950	1.000	10.10.2004	–	15.842
Saporischschja	1	WWER-1000/320	operational	950	1.000	10.12.1984	(14.04.2015)	113.413
Saporischschja	2	WWER-1000/320	operational	950	1.000	22.07.1985	(14.10.2015)	116.708
Saporischschja	3	WWER-1000/320	operational	950	1.000	10.12.1986	(13.01.2017)	112.876
Saporischschja	4	WWER-1000/320	operational	950	1.000	18.12.1987	(13.01.2018)	114.438
Saporischschja	5	WWER-1000/320	operational	950	1.000	14.08.1989	(14.10.2019)	105.055
Saporischschja	6	WWER-1000/320	operational	950	1.000	19.10.1995	(14.09.2026)	73.690
South Ukraine	1	WWER-1000/302	operational	950	1.000	31.12.1982	(14.10.2023)	129.786
South-Ukraine	2	WWER-1000/338	operational	950	1.000	06.01.1985	(14.04.2025)	115.150
South-Ukraine	3	WWER-1000/320	operational	950	1.000	20.09.1989	(14.12.2029)	100.967
Chernobyl	1	RBMK-1000	decommissioned	740	800	26.09.1977	30.11.1996	97.273
Chernobyl	2	RBMK-1000	decommissioned	925	1.000	21.12.1978	11.10.1991	75.987
Chernobyl	3	RBMK-1000	decommissioned	925	1.000	03.12.1981	15.12.2000	98.003
Chernobyl	4	RBMK-1000	destroyed	925	1.000	22.12.1983	26.04.1986	–

Hungary

Paks	1	WWER-440/213	operational	470	500	28.12.1982	(15.08.2033)	79.553
Paks	2	WWER-440/213	operational	443	470	06.09.1984	(15.11.2034)	70.014
Paks	3	WWER-440/213	operational	443	470	28.09.1986	(15.12.2036)	69.388
Paks	4	WWER-440/213	operational	473	500	16.08.1987	(15.11.2037)	68.695

UK

Berkeley	1	Magnox-reactor	decommissioned	138	166	12.06.1962	31.03.1989	43.482
Berkeley	2	Magnox-reactor	decommissioned	138	166	24.06.1962	26.10.1988	[29]
Bradwell	1	Magnox-reactor	decommissioned	123	146	01.07.1962	31.03.2002	54.347
Bradwell	2	Magnox-reactor	decommissioned	123	146	06.07.1962	30.03.2002	[29]
Calder Hall	1	Magnox-reactor	decommissioned	50	60	27.08.1956	31.03.2003	56.155
Calder Hall	2	Magnox-reactor	decommissioned	50	60	01.02.1957	31.03.2003	[29]
Calder Hall	3	Magnox-reactor	decommissioned	50	60	01.03.1958	31.03.2003	[29]
Calder Hall	4	Magnox-reactor	decommissioned	50	60	01.04.1959	31.03.2003	[29]
Chapelcross	1	Magnox-reactor	decommissioned	50	60	01.02.1959	29.06.2004	56.792

Chapelcross	2	Magnox-reactor	decommissioned	50	60	01.07.1959	29.06.2004	[29]
Chapelcross	3	Magnox-reactor	decommissioned	50	60	01.11.1959	29.06.2004	[29]
Chapelcross	4	Magnox-reactor	decommissioned	50	60	01.01.1960	29.06.2004	[29]
Dounreay[20]	DFR	FBR	decommissioned	14	15	01.10.1962	01.03.1977	536
Dounreay	PFR	FBR	decommissioned	234	250	10.01.1975	31.03.1994	7.135
Dungeness	A1	Magnox-reactor	decommissioned	225	230	21.09.1965	31.12.2006	57.459
Dungeness	A2	Magnox-reactor	decommissioned	225	230	01.11.1965	31.12.2006	58.831
Dungeness	B1	AGR	operational	545	615	29.12.1985	(14.04.2035)	69.800
Dungeness	B2	AGR	operational	545	615	03.04.1983	(15.04.2039)	72.816
Hartlepool	A1	AGR	operational	595	655	01.08.1983	(2014)	73.535
Hartlepool	A2	AGR	operational	595	655	31.10.1984	(2014)	69.713
Heysham	A1	AGR	operational	585	625	09.07.1983	(2014)	73.264
Heysham	A2	AGR	operational	575	625	11.10.1984	(2014)	67.362
Heysham	B1	AGR	operational	615	680	12.07.1988	(2023)	75.459
Heysham	B2	AGR	operational	615	680	11.11.1988	(2023)	73.147
Hinkley Point	A1	Magnox-reactor	decommissioned	235	267	16.02.1965	23.05.2000	92.930
Hinkley Point	A2	Magnox-reactor	decommissioned	235	267	19.03.1965	23.05.2000	[29]
Hinkley Point	B1	AGR	operational	430	655	30.10.1976	(14.10.2018)	106.762
Hinkley Point	B2	AGR	operational	430	655	05.02.1976	(15.09.2016)	102.233
Hunterston	A1	Magnox-reactor	decommissioned	150	173	05.02.1964	30.03.1990	57.347
Hunterston	A2	Magnox-reactor	decommissioned	150	173	01.06.1964	31.12.1989	[29]
Hunterston	B1	AGR	operational	420	644	06.02.1976	(14.02.2016)	105.771
Hunterston	B2	AGR	operational	420	644	31.03.1977	(15.03.2017)	100.523
Oldbury	A1	Magnox-reactor	operational	217	230	07.11.1967	(14.01.2013)	58.125
Oldbury	A2	Magnox-reactor	operational	217	230	06.04.1968	(14.05.2013)	60.705
Sizewell	A1	Magnox-reactor	decommissioned	210	245	21.01.1966	31.12.2006	55.131
Sizewell	A2	Magnox-reactor	decommissioned	210	245	09.04.1966	31.12.2006	51.625
Sizewell	B	PWR	operational	1.188	1.250	14.02.1995	(14.10.2035)	86.742
Torness	1	AGR	operational	625	682	25.05.1988	(14.05.2028)	70.219
Torness	2	AGR	operational	625	682	03.02.1989	(15.02.2029)	67.998
Trawsfynydd	1	Magnox-reactor	decommissioned	195	235	14.01.1965	06.02.1991	47.185
Trawsfynydd	2	Magnox-reactor	decommissioned	195	235	02.02.1965	04.02.1991	[29]
Windscale AGR[20]	–	AGR	decommissioned	32	41	01.02.1963	03.04.1981	3.258

Winfrith SGHWR	–	SGHWR	decommissioned	92	100	01.12.1967	11.09.1990	10.957
Wylfa	1	Magnox-reactor	operational	490	540	24.01.1971	(2012)	103.257
Wylfa	2	Magnox-reactor	operational	490	540	21.07.1971	(2012)	98.602

North America

Canada

Bruce	1	CANDU-791	not operational	750	824	14.01.1977	16.10.1997	91.569
Bruce	2	CANDU-791	not operational	750	824	04.09.1976	08.10.1995	75.760
Bruce	3	CANDU-750A	operational	750	805	12.12.1977	(31.01.2018)	110.037
Bruce	4	CANDU-750A	operational	750	805	21.12.1978	(18.01.2019)	104.242
Bruce	5	CANDU-750B	operational	822	872	02.12.1984	(28.02.2025)	137.580
Bruce	6	CANDU-750B	operational	822	891	26.06.1984	(14.09.2024)	134.194
Bruce	7	CANDU-750B	operational	806	872	22.02.1986	(09.04.2026)	131.196
Bruce	8	CANDU-750B	operational	795	845	09.03.1987	(22.05.2027)	120.482
Darlington	1	CANDU-850	operational	878	934	19.12.1990	(13.11.2032)	102.122
Darlington	2	CANDU-850	operational	878	934	15.01.1990	(18.10.2030)	101.445
Darlington	3	CANDU-850	operational	878	934	07.12.1992	(14.02.2033)	97.453
Darlington	4	CANDU-850	operational	878	934	17.04.1993	(14.06.2033)	95.670
Douglas Point	–	CANDU-Reactor	decommissioned	206	218	07.01.1967	04.05.1984	15.630
Gentilly	1	CANDU-SWR	decommissioned	250	266	05.04.1971	01.06.1977	838
Gentilly	2	CANDU-6	operational	635	675	04.12.1982	(15.09.2028)	106.551
Pickering	1	CANDU-500A	operational	515	542	04.04.1971	(29.07.2011)	81.597
Pickering	2	CANDU-500A	not operational	515	542	06.10.1971	29.12.1997	71.392
Pickering	3	CANDU-500A	not operational	515	542	03.05.1972	27.12.1997	79.996
Pickering	4	CANDU-500A	operational	515	542	21.05.1973	(16.06.2013)	85.963
Pickering	5	CANDU-500B	operational	516	540	19.12.1982	(10.05.2023)	81.506
Pickering	6	CANDU-500B	operational	516	540	08.11.1983	(31.01.2024)	83.186
Pickering	7	CANDU-500B	operational	516	540	17.11.1984	(01.01.2025)	82.091
Pickering	8	CANDU-500B	operational	516	540	21.01.1986	(27.02.2026)	75.125
Point Lepreau	–	CANDU-6	operational	635	680	11.09.1982	(14.02.2028)	114.537

Rolphton	–	CANDU-Reactor	decommissioned	22	25	04.06.1962	01.08.1987	3.237
----------	---	---------------	----------------	----	----	------------	------------	-------

Mexico

Laguna Verde	1	BWR	operational	680	682	13.04.1989	(14.07.2030)	78.506
Laguna Verde	2	BWR	operational	680	682	11.11.1994	(14.04.2035)	59.052

USA

Arkansas One	1	PWR	operational	836	880	17.08.1974	(19.05.2034)	179.614
Arkansas One	2	PWR	operational	998	1.040	26.12.1978	(17.07.2038)	178.054
Beaver Valley	1	PWR	operational	885	923	14.06.1976	(19.01.2036)	151.714
Beaver Valley	2	PWR	operational	851	923	17.08.1987	(27.05.2047)	119.704
Big Rock Point	–	BWR	decommissioned	67	71	08.12.1962	29.08.1997	12.738
BONUS	–	BWR	decommissioned	17	18	14.08.1964	01.06.1968	–
Braidwood	1	PWR	operational	1.178	1.240	12.07.1987	(17.10.2026)	165.008
Braidwood	2	PWR	operational	1.152	1.213	25.05.1988	(18.12.2027)	166.663
Browns Ferry[31]	1	BWR	operational	1.065	1.152	15.10.1973	(20.12.2033)	61.054
Browns Ferry	2	BWR	operational	1.118	1.155	28.08.1974	(28.06.2034)	191.039
Browns Ferry	3	BWR	operational	1.114	1.190	12.09.1976	(02.07.2036)	153.802
Brunswick	1	BWR	operational	938	990	04.12.1976	(08.09.2036)	154.455
Brunswick	2	BWR	operational	937	989	29.04.1975	(27.12.2034)	154.159
Byron	1	PWR	operational	1.164	1.225	01.03.1985	(30.10.2024)	183.254
Byron	2	PWR	operational	1.136	1.196	06.02.1987	(05.11.2026)	175.940
Callaway	1	PWR	operational	1.190	1.236	24.10.1984	(17.10.2024)	198.122
Calvert Cliffs	1	PWR	operational	873	918	03.01.1975	(31.07.2034)	183.981
Calvert Cliffs	2	PWR	operational	862	911	07.12.1976	(31.08.2036)	181.209
Catawba	1	PWR	operational	1.129	1.188	22.01.1985	(05.12.2043)	184.356
Catawba	2	PWR	operational	1.129	1.188	18.05.1986	(05.12.2043)	175.802
Clinton	1	BWR	operational	1.052	1.098	24.04.1987	(29.09.2026)	119.644
Columbia	–	BWR	operational	1.131	1.200	27.05.1984	(13.12.2044)	158.792
Comanche Peak	1	PWR	operational	1.150	1.189	24.04.1990	(08.02.2030)	146.903
Comanche Peak	2	PWR	operational	1.150	1.189	09.04.1993	(02.02.2033)	126.869

Cooper	–	BWR	operational	760	801	10.05.1974	(18.01.2034)	157.458
Crystal River	3	PWR	operational	838	890	30.01.1977	(03.12.2036)	155.157
CVTR	–	pressure tube reactor	decommissioned	17	19	18.12.1963	01.01.1967	–
Davis Besse	1	PWR	operational	891	925	28.08.1977	(21.04.2037)	148.162
Diablo Canyon	1	PWR	operational	1.122	1.136	11.11.1984	21.09.2021)	181.437
Diablo Canyon	2	PWR	operational	1.087	1.164	20.10.1985	(25.04.2025)	180.930
Donald Cook	1	PWR	operational	1.016	1.077	10.02.1975	(25.10.2034)	193.262
Donald Cook	2	PWR	operational	1.077	1.133	22.03.1978	(23.12.2037)	175.679
Dresden	1	BWR	decommissioned	197	207	15.04.1960	01.02.1968	7.223
Dresden	2	BWR	operational	887	913	13.04.1970	(22.12.2029)	172.368
Dresden	3	BWR	operational	867	913	22.07.1971	(12.01.2031)	166.069
Duane Arnold	1	BWR	operational	581	614	19.05.1974	(21.02.2034)	113.201
Elk River	–	BWR	decommissioned	22	24	24.08.1963	01.02.1968	–
Enrico Fermi	1	FBR	decommissioned	61	65	05.08.1966	29.11.1972	30
Enrico Fermi	2	BWR	operational	1.111	1.154	21.09.1986	(20.03.2025)	137.633
Farley	1	PWR	operational	851	895	18.08.1977	(25.06.2037)	175.802
Farley	2	PWR	operational	860	905	25.05.1981	(31.03.2041)	163.166
Fitzpatrick	–	BWR	operational	852	882	01.02.1975	(17.10.2034)	165.641
Fort Calhoun	1	PWR	operational	478	512	25.08.1973	(09.08.2033)	107.032
Fort St. Vrain	–	HTR	decommissioned	330	342	11.12.1976	29.08.1989	5.420
Grand Gulf	1	BWR	operational	1.266	1.333	20.10.1984	(15.06.2042)	203.481
H. B. Robinson	2	PWR	operational	710	745	26.09.1970	(31.07.2030)	166.565
Haddam Neck	–	PWR	decommissioned	560	603	07.08.1967	04.12.1996	105.650
Hallam	–	graphite reactor	decommissioned	75	84	01.09.1963	01.09.1964	–
Hatch	1	BWR	operational	876	898	11.11.1974	(05.08.2034)	172.799
Hatch	2	BWR	operational	883	921	22.09.1978	(13.06.2038)	157.812
Hope Creek	1	BWR	operational	1.059	1.139	01.08.1986	(11.04.2046)	157.465
Humboldt Bay	–	BWR	decommissioned	63	65	18.04.1963	02.07.1976	4.749
Indian Point	1	PWR	decommissioned	257	277	16.09.1962	31.10.1974	13.479
Indian Point	2	PWR	operational	1.020	1.062	26.06.1973	(27.09.2033)	186.020
Indian Point	3	PWR	operational	1.025	1.065	27.04.1976	(14.12.2035)	170.135
Kewaunee	–	PWR	operational	556	581	08.04.1974	(20.12.2033)	125.346
La Crosse	–	BWR	decommissioned	48	55	26.04.1968	30.04.1987	3.849

Lasalle	1	BWR	operational	1.118	1.177	04.09.1982	(17.05.2022)	162.851
Lasalle	2	BWR	operational	1.120	1.179	20.04.1984	(15.12.2023)	156.480
Limerick	1	BWR	operational	1.134	1.194	13.04.1985	(25.10.2024)	182.197
Limerick	2	BWR	operational	1.134	1.194	01.09.1989	(21.06.2029)	159.169
Maine Yankee	–	PWR	decommissioned	860	900	08.11.1972	01.08.1997	118.718
McGuire	1	PWR	operational	1.100	1.158	12.09.1981	(11.06.2041)	195.808
McGuire	2	PWR	operational	1.100	1.158	23.05.1983	(03.03.2043)	194.453
Millstone	1	BWR	decommissioned	641	684	29.11.1970	01.07.1998	101.371
Millstone	2	PWR	operational	882	910	09.11.1975	(31.07.2035)	153.740
Millstone	3	PWR	operational	1.155	1.253	12.02.1986	(25.11.2045)	156.756
Monticello	–	BWR	operational	572	600	05.03.1971	(08.09.2030)	140.021
Nine Mile Point	1	BWR	operational	621	642	09.11.1969	(22.08.2029)	135.782
Nine Mile Point	2	BWR	operational	1.135	1.205	08.08.1987	(30.10.2046)	150.875
North Anna	1	PWR	operational	924	973	17.04.1978	(01.04.2038)	183.677
North Anna	2	PWR	operational	910	958	25.08.1980	(20.08.2040)	177.703
Oconee	1	PWR	operational	846	891	06.05.1973	(05.02.2033)	195.890
Oconee	2	PWR	operational	846	891	05.12.1973	(14.09.2034)	195.774
Oconee	3	PWR	operational	846	891	18.09.1974	(19.07.2034)	191.529
Oyster Creek	–	BWR	operational	619	652	23.09.1969	(14.12.2029)	143.156
Palisades	–	PWR	operational	778	842	31.12.1971	(24.03.2031)	141.913
Palo Verde	1	PWR	operational	1.314	1.414	10.06.1985	(31.12.2024)	177.749
Palo Verde	2	PWR	operational	1.314	1.414	20.05.1986	(09.12.2025)	186.243
Palo Verde	3	PWR	operational	1.247	1.346	28.11.1987	(25.03.2027)	176.780
Pathfinder	–	BWR	decommissioned	59	63	25.07.1966	01.10.1967	–
Peach Bottom	1	HTR	decommissioned	40	42	27.01.1967	01.11.1974	1.350
Peach Bottom	2	BWR	operational	1.112	1.171	18.02.1974	(08.08.2033)	222.415
Peach Bottom	3	BWR	operational	1.112	1.171	01.09.1974	(02.07.2034)	220.097
Perry	1	BWR	operational	1.235	1.303	19.12.1986	(17.03.2046)	160.823
Pilgrim	1	BWR	operational	685	711	19.07.1972	(08.06.2032)	134.621
Piqua	–	OMRE	decommissioned	12	12	01.07.1963	01.01.1966	–
Point Beach	1	PWR	operational	512	543	06.11.1970	(05.10.2030)	125.809
Point Beach	2	PWR	operational	514	545	02.08.1972	(08.03.2033)	124.722
Prairie Island	1	PWR	operational	523	566	04.12.1973	(09.08.2033)	130.373

Prairie Island	2	PWR	operational	522	544	21.12.1974	(29.10.2034)	129.389
Quad Cities	1	BWR	operational	867	913	12.04.1972	(13.12.2032)	173.561
Quad Cities	2	BWR	operational	867	913	23.05.1972	(13.12.2032)	169.668
R. E. Ginna	–	PWR	operational	560	608	02.12.1969	(18.09.2029)	128.988
Rancho Seco	1	PWR	decommissioned	873	917	13.10.1974	07.06.1989	44.784
River Bend	1	BWR	operational	966	1.036	03.12.1985	(29.08.2045)	141.557
Saint Lucie	1	PWR	operational	839	883	07.05.1976	(01.03.2036)	183.536
Saint Lucie	2	PWR	operational	839	883	13.06.1983	(06.04.2043)	151.573
Salem	1	PWR	operational	1.174	1.228	25.12.1976	(13.08.2036)	186.985
Salem	2	PWR	operational	1.130	1.170	03.06.1981	(17.04.2040)	165.570
San Onofre	1	PWR	decommissioned	436	456	16.07.1967	30.11.1992	51.132
San Onofre	2	PWR	operational	1.070	1.127	20.09.1982	(16.02.2022)	187.619
San Onofre	3	PWR	operational	1.080	1.127	25.09.1983	(15.11.2022)	183.375
Saxton	–	PWR	decommissioned	3	3	01.03.1967	01.05.1972	–
Seabrook	1	PWR	operational	1.244	1.296	29.05.1990	(17.10.2026)	152.247
Sequoyah	1	PWR	operational	1.150	1.221	22.07.1980	(17.09.2020)	181.945
Sequoyah	2	PWR	operational	1.127	1.221	23.12.1981	(14.09.2021)	182.723
Shearon Harris	1	PWR	operational	900	960	19.01.1987	(24.10.2046)	131.893
Shippingport	–	PWR	decommissioned	60	68	02.12.1957	01.10.1982	–
Shoreham	–	PWR	decommissioned	820	849	01.08.1986	01.05.1989	–
South Texas	1	PWR	operational	1.280	1.354	30.03.1988	(20.08.2027)	168.113
South Texas	2	PWR	operational	1.280	1.354	11.04.1989	(15.12.2028)	162.981
Surry	1	PWR	operational	799	848	04.07.1972	(25.03.2032)	175.085
Surry	2	PWR	operational	799	848	10.03.1973	(29.01.2033)	175.249
Susquehanna	1	BWR	operational	1.135	1.199	16.11.1982	(17.07.2042)	189.596
Susquehanna	2	BWR	operational	1.140	1.204	03.07.1984	(23.03.2044)	187.138
Three Mile Island	1	PWR	operational	786	837	19.06.1974	(19.04.2034)	164.972
Three Mile Island	2	PWR	destroyed	880	959	21.04.1978	28.03.1979	1.955
Trojan	–	PWR	decommissioned	1.095	1.155	23.12.1975	09.11.1992	84.350
Turkey Point	3	PWR	operational	693	729	02.11.1972	(18.07.2032)	153.279
Turkey Point	4	PWR	operational	693	729	21.06.1973	(09.04.2033)	149.631
Vallecitos	–	BWR	decommissioned	24	24	19.10.1957	09.12.1963	–
Vermont Yankee	–	BWR	operational	605	650	20.09.1972	(20.03.2032)	128.441

Virgil C. Summer	1	PWR	operational	966	1.003	16.11.1982	(06.08.2042)	163.426
Vogtle	1	PWR	operational	1.152	1.203	27.03.1987	(16.01.2047)	178.616
Vogtle	2	PWR	operational	1.149	1.202	10.04.1989	(09.02.2049)	166.365
Waterford	3	PWR	operational	1.158	1.200	18.03.1985	(17.12.2044)	183.827
Watts Bar	1	PWR	operational	1.121	1.202	06.02.1996	(09.11.2035)	102.844
Watts Bar	2	PWR	under construction since 1972	1.165	1.218	(2013)	–	–
Wolf Creek	–	PWR	operational	1.166	1.213	12.06.1985	(10.03.2045)	194.731
Yankee Rowe	–	PWR	decommissioned	167	180	10.11.1960	01.10.1991	33.945
Zion	1	PWR	decommissioned	1.040	1.085	28.06.1973	01.01.1998	124.413
Zion	2	PWR	decommissioned	1.040	1.085	26.12.1973	01.01.1998	124.504

South America

Argentina

Atucha (CNA)	1	PHWR	operational	335	357	19.03.1974	(15.06.2014)	67.480
Atucha (CNA)	2	PHWR	under construction since 1981	692	745	(06.07.2012)	–	–
Embalse (CNE)	–	CANDU-6	operational	600	648	25.04.1983	(15.01.2024)	107.710

Brazil

Angra (CNA)A	1	PWR	operational	520	657	01.04.1982	(14.01.2025)	54.817
Angra (CNA)A	2	PWR	operational	1.275	1.350	21.07.2000	(21.12.2040)	62.455
Angra (CNA)A	3	PWR	In construction 1984-1986, restarted 2010	1.245	1.350	(30.12.2018)		