

Appendix B

**Soviet-Designed Nuclear Power Plants
in Armenia, Ukraine, Russia, Central
and Eastern Europe, and Kazakhstan**

Plant Name	Reactor Type	Initial Start Date
Armenia		
Armenia-1	VVER-440 Model 230	1976 (Shut down 1989)
Armenia-2*	VVER-440 Model 230	1979, 1995 (Shut down from 1989-1994, restarted in 1995)
Ukraine		
Chornobyl-1	RBMK-1000 (G-1)	1977 (Shut down 1996)
Chornobyl-2	RBMK-1000 (G-1)	1979 (Shut down 1991)
Chornobyl-3*	RBMK-1000 (G-2)	1981
Chornobyl-4	RBMK-1000 (G-2)	1984 (Destroyed 1986)
Khmelnyskyy-1*	VVER-1000	1987
Khmelnyskyy-2	VVER-1000	Under construction
Khmelnyskyy-3	VVER-1000	Under construction
Khmelnyskyy-4	VVER-1000	Under construction
Rivne-1*	VVER-440 Model 213	1980
Rivne-2*	VVER-440 Model 213	1981
Rivne-3*	VVER-1000	1986
Rivne-4	VVER-1000	Under construction
South Ukraine-1*	VVER-1000	1982
South Ukraine-2*	VVER-1000	1984
South Ukraine-3*	VVER-1000	1989
South Ukraine-4	VVER-1000	Under construction
Zaporizhzhya-1*	VVER-1000	1984
Zaporizhzhya-2*	VVER-1000	1985
Zaporizhzhya-3*	VVER-1000	1986
Zaporizhzhya-4*	VVER-1000	1987
Zaporizhzhya-5*	VVER-1000	1989
Zaporizhzhya-6*	VVER-1000	1995
Russia		
Balakovo-1*	VVER-1000	1985
Balakovo-2*	VVER-1000	1987
Balakovo-3*	VVER-1000	1988
Balakovo-4*	VVER-1000	1993
Balakovo-5	VVER-1000	Construction suspended
Balakovo-6	VVER-1000	Construction suspended
Beloyarsk-1	LWGR-1000	1964 (Shut down 1983)
Beloyarsk-2	LWGR-1000	1969 (Shut down 1990)
Beloyarsk-3*	BN-600	1981
Beloyarsk-4	BN-600	Construction suspended
Bilibino-1*	LWGR-12	1973
Bilibino-2*	LWGR-12	1973
Bilibino-3*	LWGR-12	1975
Bilibino-4*	LWGR-12	1976

Key:

• BN: Breeder reactor

• G-n: Generation of design

• LWGR: Light-water-cooled, graphite-moderated reactor

• RBMK: Graphite-moderated, boiling-water-cooled channel reactor

• VVER: Pressurized water reactor

* Actively participates in the cooperative work to improve nuclear safety.

Plant Name	Reactor Type	Initial Start Date
Russia (cont'd)		
Kalinin-1*	VVER-1000	1984
Kalinin-2*	VVER-1000	1986
Kalinin-3	VVER-1000	Under construction
Kalinin-4	VVER-1000	Construction suspended
Kola-1*	VVER-440 Model 230	1973
Kola-2*	VVER-440 Model 230	1974
Kola-3*	VVER-440 Model 213	1981
Kola-4*	VVER-440 Model 213	1984
Kola-5	VVER-630	Planned
Kola-6	VVER-630	Planned
Kursk-1*	RBMK-1000 (G-1)	1976
Kursk-2*	RBMK-1000 (G-1)	1978
Kursk-3*	RBMK-1000 (G-2)	1983
Kursk-4*	RBMK-1000 (G-2)	1985
Kursk-5	RBMK-1000	Under construction
Novovoronezh-1	VVER-210	1964 (Shut down 1988)
Novovoronezh-2	VVER-365	1970 (Shut down 1990)
Novovoronezh-3*	VVER-440 Model 230	1971
Novovoronezh-4*	VVER-440 Model 230	1972
Novovoronezh-5*	VVER-1000	1980
Novovoronezh-6	VVER-1000	Planned
Novovoronezh-7	VVER-1000	Planned
Smolensk-1*	RBMK-1000 (G-2)	1982
Smolensk-2*	RBMK-1000 (G-2)	1985
Smolensk-3*	RBMK-1000 (G-3)	1989
Leningrad-1*	RBMK-1000 (G-1)	1973
Leningrad-2*	RBMK-1000 (G-1)	1975
Leningrad-3*	RBMK-1000 (G-2)	1979
Leningrad-4*	RBMK-1000 (G-2)	1980
Bulgaria		
Kozloduy-1*	VVER-440 Model 230	1974
Kozloduy-2*	VVER-440 Model 230	1975
Kozloduy-3*	VVER-440 Model 230	1980
Kozloduy-4*	VVER-440 Model 230	1982
Kozloduy-5*	VVER-1000	1987
Kozloduy-6*	VVER-1000	1991
Czech Republic		
Dukovany-1*	VVER-440 Model 213	1985
Dukovany-2*	VVER-440 Model 213	1986
Dukovany-3*	VVER-440 Model 213	1986
Dukovany-4*	VVER-440 Model 213	1987

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Plant Name	Reactor Type	Initial Start Date
Hungary		
Paks-1*	VVER-440 Model 213	1982
Paks-2*	VVER-440 Model 213	1984
Paks-3*	VVER-440 Model 213	1986
Paks-4*	VVER-440 Model 213	1987
Lithuania		
Ignalina-1*	RBMK-1500 (G-2)	1983
Ignalina-2*	RBMK-1500 (G-2)	1986
Slovakia		
Bohunice-1*	VVER-440 Model 230	1978
Bohunice-2*	VVER-440 Model 230	1980
Bohunice-3*	VVER-440 Model 213	1984
Bohunice-4*	VVER-440 Model 213	1985
Kazakhstan		
Aktau	BN-350	1973

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