WORLD MAP WANO

"2009 EDITION"

Country	Plant	Reactor type
Argentina	ATUCHA	PHWR
	EMBALSE	PHWR (CANDU)
Armenia	ARMENIA	PWR (VVER)
Belgium	DOEL	PWR
	TIHANGE	PWR
Brazil	ANGRA	PWR
Bulgaria	KOZLODUY	PWR (VVER)
Canada	BRUCE	PHWR (CANDU)
	CHALK RIVER NRU	PHWR (CANDU)
	DARLINGTON	PHWR (CANDU)
	GENTILLY	HWLWR PHWR (CANDU)
	PICKERING	PHWR (CANDU)
	POINT LEPREAU	PHWR (CANDU)
China	DAYA BAY	PWR
	FUQING	PWR
	HONGYANHE	PWR
	LINGAO	PWR
	NINGDE	PWR
	QINSHAN	PWR, PHWR
	SANMEN	PWR
	TIANWAN	PWR (VVER)
	YANGJIANG	PWR
Czech Republic	DUKOVANY	PWR (VVER)
	TEMELIN	PWR (VVER)
Finland	LOVIISA	PWR (VVER)
	OLKILUOTO	BWR, PWR
France	BELLEVILLE	PWR
	BLAYAIS	PWR
	BUGEY	GCR,PWR
	CATTENOM	PWR
	CHINON A	GCR
	CHINON B	PWR
	CHOOZ A	PWR
	CHOOZ B	PWR
	CIVAUX	PWR
	CRUAS	PWR
	CREYS-MALVILLE	FBR
	DAMPIERRE	PWR
	FESSENHEIM	PWR
	FLAMANVILLE	PWR
	GOLFECH	PWR
	GRAVELINES	PWR
	NOGENT	PWR
	PALUEL	PWR
	PENLY	PWR
	PHENIX	FBR
	SAINT-ALBAN	PWR
	SAINT-LAURENT A	GCR
	SAINT-LAURENT B	PWR
	TRICASTIN	PWR
Germany	BIBLIS	PWR
	BROKDORF (KBR)	PWR
	BRUNSBUETTEL (KKB)	BWR
	EMSLAND (KKE)	PWR
	GRAFENRHEINFELD (KKG)	PWR
	GREIFSWALD	PWR (VVER)
	GROHNDE (KWG)	PWR
	GUNDREMMINGEN (KRB)	BWR
	GUNDREMMINGEN (KGG)	BWR
	ISAR (KKI)	BWR, PWR
	JUELICH (AVR)	HTGR
	KRUEMMEL (KKK)	BWR
	MUEHLHEIM-KAERLICH	PWR
	NECKARWESTHEIM (GKN)	PWR
	OBRIGHEIM (KWO)	PWR
	PHILIPPSBURG (KKP)	BWR,PWR
	RHEINSBERG	PWR (VVER)
	KALKAR	FBR
	STADE (KKS)	PWR
	HAMM-UENTROP	HTRG
	UNTERWESER (KKU)	PWR
	VAK KAHL	BWR
	WUERGASSEN (KWW)	BWR
Hungary	PAKS	PWR (VVER)
India	KAIGA	PHWR
	KAKRAPAR	PHWR
	KUDANKULAM	PWR (VVER)
	MADRAS	PHWR
	NARORA	PHWR
	RAJASTHAN	PHWR
	TARAPUR	BWR, PHWR
Iran	BUSHEHR	PWR (VVER)
Italy	CAORSO	BWR
	GARIGLIANO	BWR
	LATINA	GCR
	TRINO (ENRICO FERMI)	PWR
Japan	FUGEN	HWLWR
	FUKUSHIMA DAIICHI	BWR
	FUKUSHIMA DAINI	BWR
	GENKAI	PWR
	HAMAOKA	BWR, ABWR
	HIGASHI-DORI	BWR
	IKATA	PWR
	KASHIWAZAKI KARIWA	BWR, ABWR
	MIHAMA	PWR
	MONJU	FBR
	OHI	PWR
	ONAGAWA	BWR
	SENDAI	PWR
	SHIKA	BWR, ABWR
	SHIMANE	BWR
	TAKAHAMA	PWR
	TOKAI	GCR, BWR
	TOMARI	PWR
	TSURUGA	BWR, PWR
Kazakhstan	AKTAU	FBR
Korea	KORI	PWR
	SHIN-KORI	PWR
	SHIN-WOLSONG	PWR
	ULCHIN	PWR
	WOLSONG	PHWR (CANDU)
	YONGGWANG	PWR
Lithuania	IGNALINA	LWGR
Mexico	LAGUNA VERDE	BWR
Netherlands	BORSSELE	PWR
Pakistan	CHASHMA	PWR
	KARACHI	PHWR
Romania	CERNAVODA	PHWR
Russia	BALAKOVO	PWR (VVER)
	BELOYARSK	LWGR, FBR
	BILIBINO	LWGR
	KALININ	PWR (VVER)
	KOLA	PWR (VVER)
	KURSK	LWGR
	LENINGRAD	LWGR
	MURMANSK	
	NOVOVORONEZH	PWR (VVER)
	ROSTOV	PWR (VVER)
	SMOLENSK	LWGR

Note: Murmansk shipping Company, with 8 atomic icebreakers and 1 atomic container ship, is a WANO Moscow Centre Member.

Country	Plant	Reactor type
Slovak Republic	A-1 BOHUNICE	HWGCR
	BOHUNICE	PWR (VVER)
	MOCHOVCE	PWR (VVER)
Slovenia	KRSKO	PWR
South Africa	KOEBERG	PWR
Spain	ALMARAZ	PWR
	ASCO	PWR
	COFRENTES	BWR
	JOSE CABRERA	PWR
	SANTA-MARIA DE GARONA	BWR
	TRILLO	PWR
	VANDELLOS 1	GCR
	VANDELLOS 2	PWR
Sweden	BARSEBÄCK	BWR
	FORSMARK	BWR
	OSKARSHAMN	BWR
	RINGHALS	BWR, PWR
Switzerland	BEZNAU	PWR
	GOESGEN	PWR
	LEIBSTADT	BWR
	MUEHLEBERG	BWR
Taiwan	CHINSHAN	BWR
	KUOSHENG	BWR
	LUNGMEN	ABWR
	MAANSHAN	PWR
Ukraine	CHERNOBYL	LWGR
	KHMELNITSKI	PWR (VVER)
	ROVNO	PWR (VVER)
	SOUTH UKRAINE	PWR (VVER)
	ZAPOROZHYE	PWR (VVER)
United Kingdom	BERKELEY	Magnox
	BRADWELL	Magnox
	CALDERHALL	Magnox
	CHAPELCROSS	Magnox
	DOUNREAY FR	FBR
	DOUNREAY PFR	FBR
	DUNGENESS A	Magnox
	DUNGENESS B	AGR
	HARTLEPOOL	AGR
	HEYSHAM I	AGR
	HEYSHAM II	AGR
	HINKLEY POINT A	Magnox
	HINKLEY POINT B	AGR
	HUNTERSTON A	Magnox
	HUNTERSTON B	AGR
	OLDBURY	Magnox
	SELLAFIELD	
	SIZEWELL A	Magnox
	SIZEWELL B	PWR
	TORNESS	AGR
	TRAWSFYNYDD	Magnox
	WINFRITH	SGHWR
	WYLFA	Magnox
United States of America	ARKANSAS NUCLEAR ONE	PWR
	BEAVER VALLEY	PWR
	BRAIDWOOD	PWR
	BROWNS FERRY	BWR
	BRUNSWICK	BWR
	BYRON	PWR
	CALLAWAY	PWR
	CALVERT CLIFFS	PWR
	CATAWBA	PWR
	CLINTON	BWR
	COLUMBIA	BWR
	COMANCHE PEAK	PWR
	COOK	PWR
	COOPER	BWR
	CRYSTAL RIVER 3	PWR
	DAVIS BESSE	PWR
	DIABLO CANYON	PWR
	DRESDEN	BWR
	DUANE ARNOLD	BWR
	FARLEY	PWR
	FERMI	FBR, BWR
	FITZPATRICK	BWR
	FORT CALHOUN	PWR
	GINNA	PWR
	GRAND GULF	BWR
	HATCH	BWR
	HOPE CREEK	BWR
	INDIAN POINT	PWR
	KEWAUNEE	PWR
	LASALLE COUNTY	BWR
	LEVY	PWR
	LIMERICK	BWR
	MC GUIRE	PWR
	MILLSTONE	BWR,PWR
	MONTICELLO	BWR
	NINE MILE POINT	BWR
	NORTH ANNA	PWR
	OCONEE	PWR
	OYSTER CREEK	BWR
	PALISADES	PWR
	PALO VERDE	PWR
	PEACH BOTTOM	HTGR,BWR
	PERRY	BWR
	PILGRIM	BWR
	POINT BEACH	PWR
	PRAIRIE ISLAND	PWR
	QUAD CITIES	BWR
	RIVER BEND	BWR
	ROBINSON	PWR
	SALEM	PWR
	SAN ONOFRE	PWR
	SEABROOK	PWR
	SEQUOYAH	PWR
	SHEARON HARRIS	PWR
	SOUTH TEXAS PROJECT	PWR, ABWR
	ST. LUCIE	PWR
	SUMMER	PWR
	SURRY	PWR
	SUSQUEHANNA	BWR
	THREE MILE ISLAND	PWR
	TURKEY POINT	PWR
	VERMONT YANKEE	BWR
	VOGTLE	PWR
	WATERFORD 3	PWR
	WATTS BAR	PWR
	WOLF CREEK	PWR

KEY TO MAP SYMBOLS, COLOUR CODE AND REACTOR TYPE ABBREVIATIONS

The number of symbols indicates the number and types of units at the plant

Symbol	Abbreviation	Meaning
●	BWR	Boiling Light-Water-Cooled and Moderated Reactor
	ABWR	Advance Boiling Light-Water-Cooled and Moderated Reactor
✱	FBR	Fast Breeder Reactor
▼	GCR	Gas-Cooled, Graphite-Moderated Reactor
	Magnox	Gas-Cooled, Graphite-Moderated Reactor
	AGR	Advanced Gas-Cooled, Graphite-Moderated Reactor
	HTGR	Hight-Temperature Gas-Cooled Reactor
▲	LWGR	Light-Water-Cooled, Graphite-Moderated Reactor - RBMK
	HWGCR	Heavy-Water-Moderated, Gas-Cooled Reactor
◆	PHWR	Pressurised Heavy-Water-Moderated and Cooled Reactor
	SGHWR	Steam-Generating Heavy-Water Reactor
	HWLWR	Heavy-Water-Moderated, Boiling Light-Water-Cooled Reactor
■	PWR	Pressurised Light-Water-Moderated and Cooled Reactor (VVER for former USSR)
○	Sellafield	membership encompasses 7 plants: THORP (Thermal Oxide Reprocessing Plant), Magnox East River, Encapsulation Plants, Effluent Management Group, HLWP (High Level Waste Plants), Magnox Reprocessing and Infrastructure
◇		Chalk River National Research Universal (NRU) reactor at the Chalk River Laboratories

Colour codes used in the Plant Index

- Unit In Operation
- Unit Shutdown
- Unit Under Construction

WANO Regional Centres

- ATLANTA
- MOSCOW
- PARIS
- TOKYO
- LONDON WANO Coordinating Centre

If you have any suggestions on the map or require further information, please contact WANO Paris Centre via email address: worldmap@wanopc.org

W A N O

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