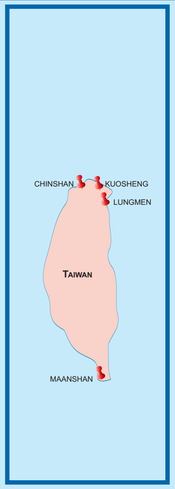
WORLD MAP

January 2006 EDITION

WANO



MAP SYMBOLS, COLOUR CODE AND REACTOR TYPE ABBREVIATIONS

- ● **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
- ▲ **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)

Colour codes used in the Plant Index

- Unit In Operation
- Unit Shutdown
- Unit Under Construction

WANO Regional Centres

- ✗ **ATLANTA**
- ✗ **MOSCOU**
- ✗ **PARIS**
- ✗ **TOKYO**
- ✗ **LONDON** WANO Coordinating Centre

The number of symbols in the list below indicates the number and types of units at the plant

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

Argentina
- ✗ ATUCHA — PHWR
- ✗ EMBALSE — PHWR (CANDU)

Armenia
- ✗ ARMENIA — PWR (VVER)

Belgium
- ✗ DOEL — PWR
- ✗ THIANGE — PWR

Brazil
- ✗✗ ANGRA — PWR

Bulgaria
- ✗ KOZLODUY — PWR (VVER)

Canada
- ✗ BRUCE — PHWR (CANDU)
- ✗ DARLINGTON — PHWR (CANDU)
- ✗ DOUGLAS POINT — PHWR (CANDU)
- ✗ GENTILLY — HWLWR
- PHWR (CANDU)
- ✗ PICKERING — PHWR (CANDU)
- ✗ POINT LEPREAU — PHWR (CANDU)

China
- ✗ DAYA BAY — PWR
- ✗ QINSHAN — PWR, PHWR
- ✗✗ TIANWAN — PWR (VVER)

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
- ✗ CREYS-MALVILLE — FBR
- ✗ CRUAS — PWR
- ✗ 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)
- ✗ SNR 300,KALKAR — FBR
- ✗ STADE (KKS) — PWR
- ✗ THTR 300 HAMM-UENTROP — HTGR
- ✗ UNTERWESER (KKU) — PWR
- ✗ VAK KAHL — BWR
- ✗ WUERGASSEN (KWW) — BWR

Hungary
- ✗ PAKS — PWR (VVER)

India
- ✗ KAIGA — PHWR
- ✗ KAKRAPAR — PHWR
- ✗ MADRAS — PHWR
- ✗ NARORA — PHWR
- ✗✗ RAJASTHAN — PHWR
- ✗✗ TARAPUR — BWR, PHWR
- ✗ KUDANKULAM — PWR (VVER)

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
- ✗ SHIMANE — BWR
- ✗ TAKAHAMA — PWR
- ✗ TOKAI — BWR
- ✗ TOMARI — PWR
- ✗ TSURUGA — BWR, PWR

Kazakhstan
- ✗ AKTAU — FBR

Korea
- ✗ KORI — PWR
- ✗ ULCHIN — PWR
- ✗ WOLSONG — PHWR (CANDU)
- ✗ YONGGWANG — PWR

Lithuania
- ✗ IGNALINA — LWGR

Mexico
- ✗ LAGUNA VERDE — BWR

Netherlands
- ✗ BORSSELE — PWR
- ✗ DODEWAARD — BWR

Pakistan
- ✗✗ CHASNUPP — PWR
- ✗✗ KANUPP — PHWR

Romania
- ✗ CERNAVODA — PHWR

Russia
- ✗ BALAKOVO — PWR (VVER)
- ✗ BELOYARSK — LWGR, FBR
- ✗ BILIBINO — LWGR
- ✗ KALININ — PWR (VVER)
- ✗ KOLA — PWR (VVER)
- ✗ KURSK — LWGR
- ✗ LENINGRAD — LWGR
- ✗ NOVOVORONEZH — PWR (VVER)
- ✗ VOLGODONSK — PWR (VVER)
- ✗ SMOLENSK — LWGR
- ✗ MURMANSK

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

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
- ✗ KHMELNITSKY — 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 A — AGR
- ✗ HEYSHAM — AGR
- ✗ HINKLEY POINT A — Magnox
- ✗ HINKLEY POINT B — AGR
- ✗ HUNTERSTON A — Magnox
- ✗ HUNTERSTON B — AGR
- ✗ OLDBURY — Magnox
- ✗ SIZEWELL A — Magnox
- ✗ SIZEWELL B — PWR
- ✗ TORNESS — AGR
- ✗ TRAWSFYNYDD — Magnox
- ✗ WINDSCALE AGR — AGR
- ✗ WINFRITH SGHWR — SGHWR
- ✗ WYLFA — Magnox

United States of America
- ✗ ARKANSAS NUCLEAR ONE — PWR
- ✗ BEAVER VALLEY — PWR
- ✗ BIG ROCK POINT — BWR
- ✗ BRAIDWOOD — PWR
- ✗ BROWNS FERRY — BWR
- ✗ BRUNSWICK — BWR
- ✗ BYRON — PWR
- ✗ CALLAWAY — PWR
- ✗ CALVERT CLIFFS — PWR
- ✗ CATAWBA — PWR
- ✗ CLINTON — BWR
- ✗ COLUMBIA — BWR
- ✗ COMANCHE PEAK — PWR
- ✗ CONNECTICUT YANKEE — PWR
- ✗ COOK — PWR
- ✗ COOPER — BWR
- ✗ CRYSTAL RIVER 3 — PWR
- ✗ DAVIS BESSE — PWR
- ✗ DIABLO CANYON — PWR
- ✗ DONALD C. COOK — PWR
- ✗ DRESDEN — BWR
- ✗ DUANE ARNOLD — BWR
- ✗ FARLEY — PWR
- ✗ FERMI — FBR, BWR
- ✗ FITZPATRICK — BWR
- ✗ FORT CALHOUN — PWR
- ✗ FORT ST. VRAIN — HTGR
- ✗ GINNA — PWR
- ✗ GRAND GULF — BWR
- ✗ HATCH — BWR
- ✗ HUMBOLT BAY — BWR
- ✗ INDIAN POINT — PWR
- ✗ KEWAUNEE — PWR
- ✗ LACROSSE — BWR
- ✗ LASALLE COUNTY — BWR
- ✗ LIMERICK — BWR
- ✗ MAINE YANKEE — PWR
- ✗ 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
- ✗ RANCHO SECO — PWR
- ✗ RIVER BEND — BWR
- ✗ ROBINSON — PWR
- ✗ SALEM / HOPE CREEK — PWR, BWR
- ✗ SAN ONOFRE — PWR
- ✗ SEABROOK — PWR
- ✗ SEQUOYAH — PWR
- ✗ SHEARON HARRIS — PWR
- ✗ SHOREHAM — BWR
- ✗ SOUTH TEXAS PROJECT — PWR
- ✗ ST. LUCIE — PWR
- ✗ SUMMER — PWR
- ✗ SURRY — PWR
- ✗ SUSQUEHANNA — BWR
- ✗ THREE MILE ISLAND — PWR
- ✗ TROJAN — PWR
- ✗ TURKEY POINT — PWR
- ✗ VERMONT YANKEE — BWR
- ✗ VOGTLE — PWR
- ✗ WATERFORD 3 — PWR
- ✗ WATTS BAR — PWR
- ✗ WOLF CREEK — PWR
- ✗ YANKEE ROWE — PWR
- ✗ ZION — PWR

A & O Cornes - Paris VIII - France - - Tel. +33 1 44 13 75 75

World Association of Nuclear Operators