

Acronyms and abbreviations

3S	safety, security, and safeguards
ABWR	advanced boiling water reactor
ADEME	Agence de l'environnement et de la maîtrise de l'énergie
AEC	Atomic Energy Council
AELB	Atomic Energy Licensing Board
ANU	The Australian National University
APP	atomic power plant
Areva NC	Areva Nuclear Cycle
Areva NP	Areva Nuclear Power
ASEAN	Association of Southeast Asian Nations
ASEANTOM	ASEAN Network of Regulatory Bodies on Atomic Energy
ASN	Autorité de sûreté nucléaire
AUM	assets under management
BAPETEN	Nuclear Energy Regulatory Agency of Indonesia
BATAN	National Nuclear Energy Agency of Indonesia
BEIR	Biological Effects of Ionizing Radiation
Bq	becquerel
Bq/m ³	becquerel per cubic metre
BWR	boiling water reactor
CAC40	Commissariat aux Comptes 40
CCS	carbon capture and storage
CEA	Commissariat à l'énergie atomique et aux énergies alternatives

CGNPC	China General Nuclear Power Corporation
CI	confidence intervals
CIA	Central Intelligence Agency
Cigéo	Centre industriel de stockage géologique
CNEA	China National Energy Administration
CNNC	China National Nuclear Corporation
CNRS	Centre National de la Recherche Scientifique
CO ₂	carbon dioxide
COP	Conference of the Parties
CP	Contract Programme
CPV	concentrating photovoltaics
CSSI	Chung Shan Science Institute
CT	computed tomography
CWIP	construction work-in-progress
DPP	Democratic Progressive Party
EDF	Électricité de France
EIA	Environmental Impact Assessment
EPR	European pressurised reactor
ESBWR	economic simplified boiling water reactor
EU	European Union
FBR	fast breeder reactor
FEPC	Federation of Electric Power Companies
GCR	gas-cooled, graphite-moderated reactor
GDP	gross domestic product
GE	General Electric
GW	gigawatt
GWe	gigawatt electric
GWh	gigawatt hour
Gy	gray
HLW	high-level radioactive waste
HTGR	high-temperature gas-cooled reactor
HVDC	high voltage direct current

ACRONYMS AND ABBREVIATIONS

HWGCR	heavy water–moderated, gas-cooled reactor
IAEA	International Atomic Energy Agency
ICRP	International Commission on Radiological Protection
IEA	International Energy Agency
IMF	International Monetary Fund
INER	Institute of Nuclear Energy Research
INES	International Nuclear and Radiological Event Scale
IU	Indiana University
JAEA	Japan Atomic Energy Agency
JAEC	Japan Atomic Energy Commission
kBq/m ²	kilobecquerel per square metre
KEPCO	Korea Electric Power Company
KFEM	Korean Federation for Environmental Movements
KHNP	Korea Hydro & Nuclear Power
KMT	Kuomintang
kV	kilovolt
kW	kilowatt
kWh	kilowatt hour
kW/m ²	kilowatt per square metre
LCOE	levelised cost of energy
LNT	linear no-threshold
LWR	light-water reactor
METI	Ministry of Economy, Trade and Industry
mGy	milliGray
MNPC	Malaysia Nuclear Power Cooperation
mSv	milliSievert
MW	megawatt
MWe	megawatt electric
MWh	megawatt hour
NATO	North Atlantic Treaty Organization
NDRC	National Development and Reform Commission

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NEA	Nuclear Energy Agency
NEC-SSN	Nuclear Energy Cooperation Sub-Sector Network
NEPIO	Nuclear Energy Program Implementing Organisation
NGO	non-governmental organisation
NPP	nuclear power plant
NRC	Nuclear Regulatory Commission
NSSC	Nuclear Safety and Security Commission
NTS	Non-Traditional Security
OAP	Office of Atoms for Peace
OECD	Organisation for Economic Co-operation and Development
PHES	pumped hydro energy storage
PHWR	pressurised heavy-water reactor
PRIS	Power Reactor Information System
Pu	plutonium
PV	photovoltaics
PWR	pressurised water reactor
RECNA	Research Center for Nuclear Weapons Abolition
RSIS	S. Rajaratnam School of International Studies
SCGR	sodium-cooled, graphite-moderated reactor
SNPTC	State Nuclear Power Technology Corporation
SOE	state-owned enterprise
Sv	sievert
TECRO	Taipei Economic and Cultural Representative Office
TEPCO	Tokyo Electric Power Company
TFU	Tohoku Fukushi University
tHM	tonnes of heavy metal
TSE	Total Support Estimate
TWh	terawatt hour
UAE	United Arab Emirates
UK	United Kingdom

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UN	United Nations
UNGG	Uranium Naturel Graphite Gaz
UNSCEAR	United Nations Scientific Committee on the Effects of Atomic Radiation
US	United States
VARANS	Vietnam Agency for Radiation and Nuclear Safety
VINATOM	Vietnam Atomic Energy Institute
VVER	water–water energetic reactor
W	watts
WHO	World Health Organization
WIPP	Waste Isolation Pilot Plant
$\mu\text{Sv/h}$	microSievert per hour

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