

List of Abbreviations and Acronyms

ANENT	=	Asian Network for Education in Nuclear Technology
ANSN	=	Asian Nuclear Safety Network
APEC	=	Asia-Pacific Economic Cooperation
ASEAN	=	Association of Southeast Asian Nations
ASEANTOM	=	ASEAN Network of Regulatory Bodies on Atomic Energy
APSN	=	Asia-Pacific Safeguards Network
ANSTO	=	Australian Nuclear Science and Technology Organization
AtomCARE	=	Atomic Computerized Technical Advisory System for a Radiological Emergency
BAPETEN	=	Badan Pengawas Tenaga Nuklir (Nuclear Energy Regulatory Agency of Indonesia)
BATAN	=	Badan Tenaga Nuklir Nasional (National Nuclear Energy Agency)
BNPB	=	(National Disaster Management Agency)
BNPP	=	Bataan Nuclear Power Plant
BNSR	=	Bureau of Nuclear Safety Regulation
CAEA	=	China Atomic Energy Authority
CBM	=	coal bed methane
CEA	=	Commissariat à l'énergie atomique et aux énergies alternatives (France)
CGNPC	=	China Guangdong Nuclear Power Corporation
CDM	=	Clean Development Mechanisms
CMT	=	Crisis Management Team
CO ₂	=	carbon dioxide
CoE	=	Centre of Excellence
COGIC	=	French Government Emergency Management Operations Centre
CPRs	=	Code of PNRI Regulations (Philippines)
CPPNM	=	Convention on the Physical Protection of Nuclear Material
CSCAP	=	Council for Security Cooperation in the Asia-Pacific
CTBTO	=	Comprehensive Nuclear-Test-Ban Treaty Organization (Vienna)
DECC	=	Department of Energy and Climate Change (United Kingdom)
DEFRA	=	Department for Environment, Food & Rural Affairs

		(United Kingdom)
DOE	=	Department of Energy (Philippines)
		Department of Science and Technology
DOST	=	(Philippines)
DSA	=	Deterministic Safety Assessment
		European Community Urgent Radiological
ECURIE	=	Information Exchange
EDF	=	Électricité de France
EGAT	=	Electricity Generating Authority of Thailand
EIA	=	environmental impact assessment
EMA	=	Energy Market Authority
		European Nuclear Safety Training and Tutoring
ENSTTI	=	Institute
EP	=	emergency preparedness
EPPO	=	Energy Planning and Policy Office (Thailand)
EPR(EP&R)	=	emergency preparedness and response
EVN	=	Vietnam Electricity
FCD	=	facility completion date
FNCA	=	Forum for Nuclear Cooperation in Asia
FRI	=	fuel reliability
GHG	=	greenhouse gas
GTRI	=	Global Threat Reduction Initiative
GWe	=	gigawatts
GWy	=	gigawatt-year
HRD	=	human resource development
IAEA	=	International Atomic Energy Agency
IEC	=	information, education, and communication
INSA	=	International Nuclear Non-proliferation and
		Security Academy (Republic of Korea)
INSS	=	International Nuclear Safety School (Republic of
		Korea)
IRISS	=	International Regulatory Infrastructure Support
		Service
ITB	=	(Bandung Institute of Technology)
IVR	=	in-vessel retention
JAEA	=	Japan Aeronautical Engineer's Association
JAEC	=	Japan Atomic Energy Commission
KAERI	=	Korea Atomic Energy Research Institute
KAIST	=	Korea Advanced Institute of Science and
		Technology
KEPCO	=	Korea Electric Power Corporation
KINAC	=	Korea Institute of Nuclear Non-proliferation and
		Control

KINS	=	Korea Institute of Nuclear Safety
KWh	=	kilowatt-hour
LNG	=	liquefied natural gas
LPG	=	liquid petroleum gas
MAED	=	Model for Assessment of Energy Demand
MEP	=	Ministry of Environmental Protection (China)
MESSAGE	=	Model of Energy Supply Strategy Alternatives and their General Environmental Impacts
MEST	=	Ministry of Education, Science and Technology (Republic of Korea)
MOIT	=	the Ministry of Industry and Trade (Viet Nam)
MOST	=	Ministry of Science and Technology (Viet Nam)
MOU	=	memorandum of understanding
Mtpa	=	million tons per annum
MWe	=	megawatt
NCNS	=	National Council for Nuclear Safety (Viet Nam)
NDRC	=	National Development and Reform Commission (China)
NEA	=	National Environment Agency
NEC-SSN	=	Nuclear Energy Cooperation Sub-Sector Network (of ASEAN)
NEMC	=	National Nuclear Emergency Management Committee
NEPR	=	National Energy Policy Report (of Singapore)
NETF	=	Nuclear Education and Training Fund (of Singapore)
NDRRMC	=	National Disaster Risk Reduction and Management Council (Philippines)
NNEO	=	National Nuclear Emergency Office (China),
NNREP	=	National Nuclear and Radiological Emergency Plan (Viet Nam)
NNSA	=	National Nuclear Safety Administration (China)
NPC	=	National Power Corporation (Philippines)
NPIDP	=	Nuclear Power Infrastructure Development Plan (of Malaysia)
NPPs	=	nuclear power plants
NPRIDP	=	Nuclear Power Regulatory Infrastructure Development Plan (of Malaysia)
NPT	=	nuclear power technology
NRC	=	Nuclear Regulatory Commission
NRE	=	new and renewable energy
NRF	=	National Research Foundation (of Singapore)
NSSC	=	Nuclear Safety and Security Commission

NSREP	=	Nuclear Safety Research and Educational Programme (of Singapore)
OAP	=	Office of Atoms for Peace
OEMC	=	Off-site Emergency Management Center
ONR	=	Office for Nuclear Regulation (United Kingdom)
PAEC	=	Philippine Atomic Energy Commission
PDP	=	Power Development Plan
PNG	=	piped natural gas
PNRI	=	Philippine Nuclear Research Institute
PHWR	=	pressurized heavy water reactor
PSA	=	Probabilistic Safety Assessment
PWR	=	pressurized water reactor
RADPLAN	=	Radiological and Emergency Preparedness Plan
RCA	=	Regional Cooperative Agreement for Research, Development and Training Related to Nuclear Science and Technology for Asia and the Pacific
R&D	=	research and development
RIMNET	=	Radioactive Incident Monitoring Network (United Kingdom)
RPNSD	=	Radiation Protection & Nuclear Science Department (of Singapore)
R/P	=	production ratio
SAET	=	Safety Assessment Education and Training Program (of IAEA)
SAR	=	Safety Analysis Report
SEANWFZ	=	Southeast Asia Nuclear-Weapon-Free-Zone Treaty
SGSDN	=	Secrétariat général de la défense et de la sécurité nationale
SSM	=	Swedish Radiation Safety Authority
SNPTC	=	State Nuclear Power Technology Corporation (China)
SNRSI	=	Singapore Nuclear Research and Safety Initiative
STTN	=	(Polytechnic of Nuclear Technology)
TINT	=	Thailand Institute of Nuclear Technology
TSO	=	Technical and Scientific Support Organization
TNA	=	training needs analysis
UGM	=	(Gadjah Mada University)
U-REST	=	Ubiquitous Regional Radiation Emergency Supporting Team
US DOE	=	US Department of Energy
US EPRI	=	US Electric Power Research Institute
VARANS	=	(Vietnam Agency for Radiation and Nuclear Safety)

VINASARCOM	=	National Committee for Search and Rescue of the Socialist Republic of Vietnam
VVER	=	Voda Voda Energo Reactor
WANO	=	World Association of Nuclear Operators
WNA	=	World Nuclear Association