

ABBREVIATIONS

ACNRS	Advisory Committee on Nuclear and Radiation Safety	BSD	Biennial Shutdown
ACPSR	Advisory Committee for Project Safety Review.	BSM	Beach Sand Minerals
ACS	Advisory Committee on Security	BWR	Boiling Water Reactor
AERB	Atomic Energy Regulatory Board	CANDU	Canada Deuterium Uranium
AFR	Away From Reactor	CBS	Computer Based Systems
AGFS	Annulus Gas Monitoring System	CCP	Critical Channel Power
AIIMS	All India Institute of Medical Sciences	CDA	Core Disruptive Accident
ALARA	As Low as Reasonably Achievable	CDB	Collective Dose Budget
AMD	Atomic Minerals Directorate for Exploration and Research	CE	Control Engineer
AMG	Accident Management Guideline	CESC	Civil Engineer Safety Committee
AOT	Allowed Outage Time/AERB Observers Team	CFD	Computational Fluid Dynamics
APAR	Annual Performance Appraisal Report	CFVS	Containment Filtered Venting System
AR	Adjuster Rod	CHARMS	Corporate Human Assets and Resources Management System
ARPF	Agricultural and Radiation Processing Facility	CISF	Central Industrial Security Force
ASCE	Assistant Shift Charge Engineer	CIWH	Condensation Induced Water Hammer
ASME	American Society Mechanical Engineer	CMG	Crises Management Group
ASTET	AERB Source Term Estimation Tool	CNS	Convention on Nuclear Safety
BARC	Bhabha Atomic Research Centre	CORAL	Compact Reprocessing of Advanced Fuels in Lead Cell
BHAVINI	Bharatiya Nabhikya Vidyut Nigam Limited	CPRF	Combined Piled Raft Foundation
BOC	Bureau of Outreach & Communication	CPSAR	Control and Protection System Adsorber Rod
BRIT	Board of Radiation & Isotope Technology	CPWG	CANDU PSA Working Group
		CR	Control Rod
		CRP	Coordinated Research Project
		CSIR	Council of Scientific & Industrial Research

CSRP	Committee for Safety Research Programmes	ECIL	Electronics Corporation of India Limited
CSS	Commission on Safety Standards/ Containment Spray System	EDX	Energy Dispersive X- ray
CT	Calandria Tubes/Computed Tomography	EFPD	Effective Full Power Day
CWMF	Centralized Waste Management Facility	eLORA	Electronic Licensing of Radiation Applications
DAE	Department of Atomic Energy	EMCCR	En-Masse Coolant Channel Replacement
DAE-SCSR	DAE Steering Committee to coordinate Safety Research	EPR	Emergency Preparedness & Response
DAVP	Directorate of Advertising and Visual Publicity	EPR	Evolutionary Pressurized Reactor
DBGM	Design Basis Ground Motion	EQ	Equipment/ Environmental Qualification
DCSEM	Directorate of Construction, Services & Estate Management	ER	Event Report
DDMP	District Disaster Management Plan	ERRC	Eastern Regional Regulatory Centre
DEC	Design Extension Condition	ESL	Environmental Survey Laboratory
DFRP	Demonstration Fast Reactor Fuel Reprocessing Plant	FAC	First Approach to Critically
DGFT	Director General of Foreign Trades	FBR	Fast Breeder Reactor
DMZ	Demilitarized Zone	FBTR	Fast Breeder Test Reactor
DPP	Document Preparation Profile	FCF	Fuel Cycle Facilities
DPS	Directorate of Purchase and Stores	FFP	Fuel Fabrication Plant
DRA&C	Directorate of Regulatory Affairs and Communications	FINAS	Fuel Incident Notification and Analysis System
DRI	Directorate of Regulatory Inspection	FMS	Flux Mapping System
DRP&E	Directorate of Radiation Protection and Environment	FOAK	First-of-A-Kind
DRS	Directorate of Radiation Safety	FP	Fission Product/ Full Power
DSS	Decision Support System	FPC	First Pour of Concrete
EAL	Emergency Action Level	FPNG	Fission Product Noble Gas
ECCS	Emergency Core Cooling System	FRFCF	Fast Reactor Fuel Cycle Facility
		FSA	Fuel Sub - Assemblies
		GHAVP	Gorakhpur Haryana Anu Vidyut Pariyojana
		GIC	Gamma Irradiation Chamber
		GIS	Geographic Information System
		GRAPF	Gamma Radiation Processing Facilities

GSR	General Safety Requirements	IRRS	Integrated Regulatory Review Service
GUI	Graphical User Interface	IRS	Incident Reporting System
HLLW	High Level Liquid Waste	ISI	In- service Inspection
HWP	Heavy Water Plant	ISO	International Organisation for Standardisation
I&C	Instrum entation & Control	IT	Information Technology
IAEA	International Atomic Energy Agency	KAPP	Kakrapar Atomic Power Project
IARPF	Industrial Accelerator Radiation Processing Facility	KGS	Kaiga Generating Station
IC	Inner Containment/ Ion Chromatography	KKNPP	Kudankulam Nuclear Power Plant/Project
ICCR	Integrated Command Control and Response	LOCA	Loss of Coolant Accident
ICRP	International Commission on Radiological Protection	LRP	Large Rotatable Plug
IFBA	Integral Fuel Burnable Absorber	LWC	Light Water Reactor
IFL	Initial Fuel Loading	LZCS	Loss of Zonal Control System
IFSB	Interim Fuel Storage Building	MAPS	Madras Atomic Power Station
IGALL	International Generic Ageing Lesson Learned	MDEP	Multi-national Design Evaluation Program
IGCAR	Indira Gandhi Centre for Atomic Research	MDP	Management Development Program
IGRED	Industrial Gamma Radiation Exposure Device	MoEF	Ministry of Environment and Forests
IGSCC	Inter Granular Stress Corrosion Cracking	MoPP	Monazite Processing Plant
IHRG	In- house Review Group	MoRTH	Ministry of Road Transport and Highways
IIP	Indian Institute of Packaging	MoU	Memorandum of Understanding
IIT	Indian Institute of Technology	N&IF	Nuclear & Industrial Facilities
ILRT	Integrated Leak Rate Test	NABL	National Accreditation Board for Testing and Calibration Laboratories
IMS	Integrated Management System	NAPS	Narora Atomic Power Station
INES	International Nuclear and Radiological Event Scale	NB	Nucleate Building/Niyamak Bhavan/Nuclear Building
IPHWR	Indian PHWR	NCRI	National Conference on Regulatory Interface
IREL	Indian Rare Earths Limited	NDHM	National Digital Health Mission

NDMA	National Disaster Management Authority	PAHMS	Post- Accident Hydrogen Management System
NEA	Nuclear Energy Agency	PARF	Particle Accelerator Research Facility
NFC	Nuclear Fuel Complex	PC	Primary Containment
NFRG	Nuclear Facilities Regulation Group	PCCS	Passive Containment Cooling System
NHA	National Health Authority	PCR/D	Passive Catalytic Recombiner /Devices
NIC	National Informatics Centre	PCP	Primary Circulating Pump
NOC	No Objection Certificate	PDHRS	Passive Decay Heat Removal System
NORM	Naturally Occurring Radioactive Material	PDSC	Project Design Safety Committee
NPCIL	Nuclear Power Corporation of India Limited	PET	Positron Emission Tomography
NPP	Nuclear Power Plant	PFBR	Prototype Fast Breeder Reactor
NPSD	Nuclear Projects Safety Division	PFFF	PHWR Fuel Fabrication Facility
NREMC	Nuclear and Radiological Emergency Monitoring Cell	PHTS	Primary Heat Transport System
NSAD	Nuclear Safety Analysis Division	PHWR	Pressurized Heavy Water Reactor
NSARG	Nuclear Safety Analysis and Research Group	PIE	Post Irradiation Examination
NUREG	Nuclear Regulatory Commission Regulation	PSA	Probabilistic Safety Assessment
OC	Outer Containment	PSAI	Pre-shipment Inspection Agencies
OECD	Organisation for Economic Cooperation and Development	PSAR	Preliminary Safety Analysis Report
OESC	On-site Emergency Support Center	PSHA	Probabilistic Seismic Hazard Analysis
OHSC	Occupational Health Safety Committee	PSR	Periodic Safety Review
OLIC	Official Language Implementation Committee	PT	Pressure Tube
OPRD	Over Pressure Rupture Disc	PWR	Pressurized Water Reactor
OPSD	Operating Plants Safety Division	QA/QC	Quality Assurance/Control
OSCOM	Orissa Sand Complex	R&D	Research & Development
OSEE	Off-Site Emergency Exercise		
OSL	Optically Stimulated Luminescence		

RAPP	Rajasthan Atomic Power Project	SAR	Severe Analysis Report
RAPS	Rajasthan Atomic Power Station	SARCAR	Safety Review Committee for Committee for Applications of Radiation
RB	Reactor Building		
RCF	Rashtriya Chemicals and Fertilizers	SARCOP	Safety Review Committee for Operating Plants
RCS	Reactor Containment System	SC	Safety Code
REGDOC	Regulatory Safety Document	SCE	Shift Charge Engineer
RERD	Radiation Emergency Response Director	SCRAM	Safety and Control Rod Accelerated Movement
RF	Radiation Facility/Radio Frequency	SCRD	Standing Committee on REGDOCs
RI	Regulatory Inspection	SC-RP	Standing Committee Reactor Physics
RIA	Radiological Impact Assessment	SDDP	Safety Document Development Proposal
RIMP	Records and Information Management Policy	SEC	Site Evaluation Committee
ROPP	Regional Over-power Protection	SEE	Site Emergency Exercise
ROPS	Regional Overpower Protection System	SEM	Scanning Electron Microscope
RPF	Radiation Processing Facility	SER	Significant Event Report/ Site Evaluation Report
RRC	Regional Regulatory Centre	SG	Safety Guide/Steam Generator
RRCAT	Raja Ramanna Centre for Advanced Technology	SIT	Structural Integrity Test
RRS	Reactor Regulating System	SM	Safety Manual
RSA	Radiation Safety Agency	SOP	Standard Operating Procedure
RSD	Radiological Safety Division/ Refuelling Shutdown	SOT	Site Observer Team
RSO	Radiological Safety Officer	SPECT	Single Photon Emission Computed Tomography
RTD	Resistance Temperature Detector	SR	Severity Rate/ Shutoff Rod
RTI	Right to Information	SRI	Safety Research Institute
RUP	Reprocessed Uranium Plant	SRRC	Southern Regional Regulatory Centre
SA	Severe Accident	SS	Safety Standard/ Stainless Steel
SAAP	Severe Accident Analysis Program	SSC	Structures, Systems and Components
SAMG	Severe Accident Analysis & Manage Guidelines	SSI	Soil Structure Interaction
		TAPS	Tarapur Atomic Power Station

TB	Turbine Building	VECC	Variable Energy Cyclotron Centre
TBP	Tri-Butyl Phosphate	VPN	Virtual Private Network
TDP	Technology Demonstration Plant	VSPP	Versatile Solvent Production Plant
TECDOC	Technical Document	VVER	Vodo-Vodyanoi Energetichesky Reactor
TET	Technical Excellence Team	WASIF	Water and Steam Interaction Facility
TF	Task Force	WG	Working Group
TISS	Tata Institute of Social Sciences	WL	Well Logging
TLD	Thermo Luminescence Dosimetry	WMP	Waste Management Plant
TM	Technical Meeting	WRF	Waste Recycle Facility/ Weather Research & Forecasting
TOPA	Transient Over Power Accident	XRD	X- Ray Diffraction
TPA	Tons per Annum	YASHADA	Yashwantrao Chavan Academy of Development Administration
TT	Table Top	ZC	Zirconium Complex
TSO	Technical Support Organisation/ Trainee Scientific Officer	ZFF	Zircaloy Fabrication Facility
UCIL	Uranium Corporation of India Limited		
UNDP	United Nations Development Programme		
USNRC	United States Nuclear Regulatory Commission		