



NUCLEAR SECTOR ACRONYMS LIST

A

Acronym	Definition	Acronym	Definition
ABWR	Advanced Boiling Water Reactor	ANT	Advanced Nuclear Technology Program
ACCP	ASNT Central Certification Program	AOA	Axial Offset Anomalies
ACR-1000	HWR Design from AECL (Advanced CANDU Reactor)	AOO	Anticipate Operational Occurrence
ACRS	Advisory Committee on Reactor Safeguards	AOV	Air Operated Valve
ACT	Advanced Cooling Technologies	AP	Action Plan
AE	Acoustic Emission Testing	AP-1000	New Westinghouse PWR design
AECL	Atomic Energy of Canada Limited	APR	Annual Program Review
AEIC	Association of Edison Illuminating Companies	APS	Arizona Public Service
AEP	American Electric Power	APWR	Advanced PWR
AFI	Area for Improvement	ARC	Alternate Repair Criteria
AGCR	Advanced Gas Cooled Reactor	ARP	Annual Research Portfolio
ALARA	As Low as Reasonably Achievable	ARRM	Advanced Radiation-Resistant Materials Project
ALS	Alternative Licensing Strategy	ARMI	Advanced Reactor Material Initiative
AM3	Advanced Manufacturing, Materials, and Methods	ASIC	Application Specific Integrated Circuit
ALWR	Advanced Light Water Reactor	ASME	American Society of Mechanical Engineers
AMP	Aging Management Program	ASME B&PV or BPVC	ASME Boiler and Pressure Vessel Code
ANI	Authorized Nuclear Inspector	ASN	Nuclear Safety Authority (France nuclear regulator)
ANI	American Nuclear Insurers	ASNT	American Society for Nondestructive Testing
ANII	Authorized Nuclear In-service Inspector	ASTM	American Society for Testing and Materials
ANL	Argonne National Laboratory	ATF	Accident Tolerant Fuel
ANPS	Advanced Nuclear Plants Systems	ATR	Advanced Test Reactor
ANS	American Nuclear Society	ATWS	Anticipated Transient Without Scram
ANSI	American National Standards Institute	AWS	American Welding Society

B

Acronym	Definition	Acronym	Definition
BCAM	Business Case Analysis Model	BPIG	Buried Pipe Integrity Group
BEIR	Biologic Effects of Ionizing Radiation	BPITF	Buried Pipe Integrity Task Force
BER/HELB	Break Exclusion/High Energy Line Break	BRAC	BWR Radiation Assessment and Control
BHDL	Bottom Head Drain Line	BSA	Billable Services Agreement
BMI	Bottom Mounted Instrumentation	BSI	British Standards Institute
BMN	Bottom Mounted Nozzle	BTP	Branch Technical Position
BOA	Boron-Induced Offset Anomaly	BUC	Burnup Credit
BOD	Board of Directors	BWR	Boiling Water Reactor
BOP	Balance of Plant	BWROG	Boiling Water Reactor Owners Group
BOPC	Balance of Plant Corrosion Program	BWRVIP	Boiling Water Reactor Vessel and Internals Program
BP	Buried Pipe		

C

Acronym	Definition	Acronym	Definition
CAFTA	Computer Aided Fault Tree Analysis Software	CM	Configuration Management
CAL	Confirmatory Action Letter	CMA	Chemistry Monitoring and Assessment
CAMPS	Cable Aging Management Programs	CMIS	Configuration Management Information Systems
CANDU	Canadian Deuterium Uranium Reactor	CMT	Channel Management Tools
CAP	Corrective Action Program	CNO	Chief Nuclear Officer
CAP EX	Capital Expenditures	COG	CANDU Owners Group
CAR	Corrective Action Report	COL	Combined License
CASL	Consortium for Advanced Simulation of Light Water Reactors	COP	Community of Practice
CASS	Cast Austenitic Stainless Steel	CORAL	Crud Deposition Risk Assessment Model
CBT	Computer Based Training	CP	Cathodic Protection
CC	Code Case	CP	Construction Permit
CCF	Common-Cause Failure	CPA	Construction Permit Application
CCI	Control Component Integrity	CPR	Critical Power Ratio
CCSS	Centrifugally Cast Stainless Steel	CR	Computerized Radiography
CDF	Core damage frequency	CRA	Cumulative Risk Assessment
CDIAP	Channel Distortion Action Plan	CRB	Control Rod Blade
CE	Civil Engineering	CRDA	Control Rod Drop Accident
CEA	Commissariat a l'Energie Atomique (France)	CRDM	Control Rod Drive Mechanism
CEUS	Central and Eastern United States	CRE	Collective Radiation Exposure
CEZ	Czech Republic Utility	CREA	Control Rod Ejection Accident
CF	Capacity factor	CRIEPI	Central Research Institute of Electric Power Industry (Japan)
CFE	Comision Federal de Electricidad	CRS	Condition Reporting System
CFR	Code of Federal Regulations	CSA	Critical Safety Analysis
CGID	Commercial Grade Item Dedication	CSIP	Customer Service Improvement Program
CGOC	Center of Gravity over Corner	CSN	Consejo de Seguridad Nuclear (Spanish Regulatory Agency)
CGR	Crack Growth Rate	CSNF	Commercial Spent Nuclear Fuel
CHUG	CHECWORKS Users Group	CSS	Cast Stainless Steel
CILC	Crud Induced Localized Corrosion	CUF	Cumulative Usage Factor
CIPS	Crud Induced Power Shift		
CIR	Cooperative IASCC Research		

D

Acronym	Definition	Acronym	Definition
D&D	Decontaminate and Dismantle	DHR	Decay Heat Removal
DAW	Dry Active Wastes	DID	Defense in Depth
DB	Design Basis	DM	Degradation Matrix
DBA	Design Base Accidents	DMW	Dissimilar Metal Weld
DC	Design Certification	DNB	Departure from Nucleate Boiling
DCA	Design Certification Application	DNBR	Departure from Nucleate Boiling Ratio
DCD	Design Control Document	DNP	Delivering the Nuclear Promise
DCS	Distributed Control System	DOE	U.S. Department of Energy
DCSS	Dry Cask Storage System	DOL	U.S. Department of Labor
DDREF	Dose and Dose Rate Effectiveness Factor	DOT	U.S. Department of Transportation
DE	Destructive Evaluation	DP	Divider Plate



DED-AM	Directed Energy Deposition-Additive Manufacturing	DR	Digital Radiography
DF	Decontamination Factor	DSA	Deterministic Safety Analysis
DFDX	Decontamination for Disposal (ion exchange)	DTE	Detroit Edison
DFM	Debris-induced Failure Mitigation	DXRI	Digital Transformation Research Initiative
DFR	Dynamic Focusing on Reception		

E

Acronym	Definition	Acronym	Definition
EA	Emissions Allowance	ENIQ	European Network for Inspection Qualification
EAC	Environmentally Assisted Cracking	ENRESA	Empresa Nacional de Residuos Radioactivos, SA
EAF	Environmentally-Assisted Fatigue	ENSI	Swiss Federal Nuclear Safety Inspectorate
EASCC	Environmentally Assisted Stress Corrosion Cracking	ENW	Energy Northwest
EBW	Electron Beam Welding	EOC	Executive Oversight Committee
ECA	Eddy Current Array	EOL	End-of-Life
EC	Eddy Current	EPA	U.S. Environmental Protection Agency
EC	Executive Committee	EPC	Engineer, Procure, Construct
ECCS	Emergency Core Cooling System	EPFM	Elastic-Plastic Fracture Mechanics
ECO	Engineering Change Optimization	EPR	Ethylene Propylene Rubber
ECP	Electro-chemical Potential	EPRI	Electric Power Research Institute
EPSC	Electric Power Software Center	EPSC	European Process Safety Centre
ECR	Equivalent Cladding Reacted	EPU	Extended Power Uprate
EDE	Effective Dose Equivalent	EPWR	Evolutionary Pressurized Water Reactor
EDF	Électricité de France	EQ	Environmental Qualification
EDG	Emergency Diesel Generator	EQMS	Equipment Qualification Management System
EE	Equivalency Evaluation	ER	Equipment Reliability
EEl	Edison Electric Institute	ERO	Electric Reliability Organization
EHWC	Electrolytic Hydrogen Water Chemistry	ERWG	Equipment Reliability Working Group
EI	Emerging Issues	ESBWR	Economic Simplified Boiling Water Reactor
EIA	Energy Information Administration	ESCP	Extended Storage Collaboration Program
EIS	Environmental Impact Study	ESP	Early Site Permit
EMAT	Electromagnetic Acoustic Transducer	ET	Electromagnetic Testing
EMC	Electromagnetic Compatibility	ETN	Eletrobras Termonuclear S.A.
EMI	Electromagnetic Interference	ETSS	Examination Technique Specification Sheet
EMPUG	EPRI MOV Prediction Methodology User Group	ETTM	Engineering Technical Training Modules
ENEC	Emirates Nuclear Energy Corporation	EVT-1	Enhanced Visual Examination

F

Acronym	Definition	Acronym	Definition
FAC	Flow Accelerated Corrosion	FORO Nuclear	Spanish Nuclear Industry Forum (civil nonprofit organization)
FALCON	Fuel Analysis and Licensing Code	FOSAR	Foreign Object Search and Retrieval
FCG	Fatigue Crack Growth	FP	Filming Product
FE	FirstEnergy	FP	Fission Product
FEA	Finite Element Analysis	FPO	Flexible Power Operations
FEDB	Fire Event Database	FPGA	Field Programmable Gate Array
FENOC	FirstEnergy Nuclear Operating Company *now Energy Harbor Nuclear	FRED	Fuel Reliability Database
FFRD	Fuel Fragmentation	FRP	Fuel Reliability Program
FIV	Flow Induced Vibration	FSAR	Final Safety Analysis Report



FMC	Full Matrix Capture	FSIG	Fuel Surveillance and Inspection
FME	Foreign Material Exclusion	FSW	Friction Stir Welding
FMEA	Failure Modes and Effects Analysis	FTD	Fast Track Delivery
FOAK	First of A Kind	FTREX	Fault Tree Rex Software

G

Acronym	Definition	Acronym	Definition
GAG	GOTHIC Advisory Group	GNF	Global Nuclear Fuel
GALL	Generic Aging Lessons Learned	GPI	Groundwater Protection Initiative
GEH	GE-Hitachi Nuclear Energy Americas	GPR	Ground Penetrating Radar
GEIS	Generic Environmental Impact Statement	GRA	Generation Risk Assessment
GI	Generic Issue	GSI	Generic Safety Issue
GIF	Generation IV Information Forum	GTAW	Gas Tungsten Arc Welding
GL	Generic Letter	GTRF	Grid-to-Rod Fretting
GL	Guideline	GW	Guided Wave Testing
GLCP	Generic License Change Package	GW	Groundwater
GMAW	Gas Metal Arc Welding	GWD/T	Gigawatt — Days per metric Ton of uranium
GMR	Giant Magnetoresistive Sensor	GWe	Gigawatt Electric
GNEP	Global Nuclear Energy Partnership		

H

Acronym	Definition	Acronym	Definition
HALEU	High-Assay Low-Enriched Uranium	HPG	Halden Programme Group
HAZ	Heat Affected Zone	HPT	Human Performance Technology
HBU	High burnup	HRA	Human Reliability Analysis
HCLF	High Confidence — Low probability of Failure	HRA Calc UG	HRA Calculator Users Group
HDPE	High-Density Polyethylene	HRT	High Residence Time
HE	High Enrichment/Highly Enriched	HSB	Hartford Steam Boiler Company
HELB	High-Energy Line Break	HSI	Human-System Interface
HEXAN	Heat Stress Analysis Code	HTGR	High Temperature Gas Reactor
HFE	Human Factors Engineering	HVAC	Heating, Ventilation & Air Conditioning
HFIR	High Flux Isotope Reactor	HWR	Heavy Water Reactor
HLW	High Level Waste	HX	Heat Exchanger
HMIT	Human-Machine Interface Technology	HXPUG	Heat Exchanger Performance Users Group
HPAP	Human Performance Assistance Package		

I

Acronym	Definition	Acronym	Definition
I&C	Instrumentation and Control	IMT	Issues Management Table
I&E	Inspection & Evaluation	IN	Information Notice
IAEA	International Atomic Energy Agency	INL	Idaho National Laboratory
IASCC	Irradiation Assisted Stress Corrosion Cracking	INPO	Institute of Nuclear Power Operations
IAW	In Accordance With	IP	Issue Program
ICEA	Insulated Cable Engineers Association	IP	Intellectual Property
ICRP	International Commission on Radiation Protection	IPSN	Institute for the Protection of Nuclear Safety
ID	Inside Diameter	IR	Infrared
IDSCC	Interdendritic Stress Corrosion Cracking	IRI	Incomplete Rod Insertion



IE	Initiation Events	IRIS	INPO Reporting and Information System
IEB	Inspection & Enforcement Bulletin	IRT	Integrated Risk Technologies (Phoenix, CAFTA, EOOS, PRADocAssist)
IEC	International Electrotechnical Commission	IRTUG	IRT Software User Group
IEEE	Institute of Electrical and Electronics Engineers	ISA	Instrumentation, Systems, and Automation Society
IES	Integrated Energy Systems	ISI	In-service Inspection
IFBA	Integral Fuel Burnable Absorber	ISO	International Standards Organization
IGA	Intergranular Attack	ISOE	Information System on Occupational Exposure
IGALL	International Generic Ageing Lessons Learned	ISP	Integrated Surveillance Program
IGSCC	Intergranular Stress Corrosion Cracking	IST	In-service Testing
IHSI	Induction Heating Stress Improvement	IT	Information Technology
IIG	Integration and Implementation Group	ITAAC	Inspections, Tests, Analyses, and Acceptance Criteria
iLAMP	Industrywide Learning Aging Management Program	ITG	Issue Task Group
ILCM	Integrated Life Cycle Management	IVC	Inspection Validation Centre
ILRT	Integrated Leak Rate Test	IVVI	In Vessel Visual Inspection
IMP	Issues Management Process	IWG	Industry Working Group
IMR	International Materials Research		

J

Acronym	Definition	Acronym	Definition
JCNRM	Joint Committee (of ASME/ANS) on Nuclear Risk Management	JUTG	Joint Utility Task Group
JRC	Joint Research Centre (Europe)		

K

Acronym	Definition	Acronym	Definition
KEPRI	Korea Electric Power Research Institute	KOH	Potassium Hydroxide
KFL	Knowledge Feedback Loop	KPI	Key Performance Indicators
KINS	Korean Institute for Nuclear Safety (South Korea nuclear regulator)	KTI	Key Technical Issue
KHNP	Korea Hydro & Nuclear Power		

L

Acronym	Definition	Acronym	Definition
LA	License Application	LOCA	Loss of Coolant Accident
LAMDA	Long-term Asset Management Database	LOI	Letter of Intent
LAR	License Amendment Request	LOOP	Loss of Offsite Power
LAS	Low Alloy Steel	LPSD	Low Power and Shutdown
LB	Licensing Basis	LR	License Renewal
LBB	Leak Before Break *acronym has been changed to xLPR	LRA	License Renewal Application
LBW	Laser Beam Welding	LRIWG	License Renewal Implementation Working Group
LCM	Life Cycle Management	LSN	Licensing Support Network
LEFM	Linear Elastic Fracture Mechanics	LT	Leak Testing
LEMUG	Large Electric Motor Users Group	LTCP	Low Temperature Crack Propagation
LHGR	Linear Heat Generation Rate	LTO	Long Term Operations



LERF	Large Energy Release Frequency	LTR	Licensing Topical Report
LLNL	Lawrence Livermore National Lab	LWR	Light Water Reactor
LLW	Low Level Waste	LWRS	DOE Light Water Reactor Sustainability Program
LM	Laser Testing		
LNG	Liquefied Natural Gas		

M

Acronym	Definition	Acronym	Definition
M&TE	Materials & Test Equipment	MOX	Mixed Oxide
M&TS	Member and Technical Services	MPE	Maintenance Proficiency Evaluation
MA	Minor Actinide	MPS	Missing Pellet Surface
MAAP	Modular Accident Analysis Program	MRO	Maintenance, Repair & Operations
MAI	Materials Ageing Institute	MRP	Materials Reliability Program
MARCOM	Marketing Communications	MRS	Member Requested Support
MCPR	Minimum Critical Power Ratio	MRUG	Maintenance Rule User Group
MDM	Materials Degradation Matrix	MSIP	Mechanical Stress Improvement Process
MEOG	Materials Executive Oversight Group	MSPI	Mitigating Systems Performance Index
METT	Manager of EPRI Technology Transfer	MsS	Magnetostrictive Sensor
MFL	Magnetic Flux Leakage Testing	MT	Magnetic Particle Testing
MIC	Microbiologically Influenced Corrosion	MTAG	Materials Technical Advisory Group
MILA	Master International License Agreement	MUG	MAAP User Group
MIULA	Master International Utility License Agreement	MULA	Master Utility License Agreement
MMM	Materials Management Matrix	MV	Medium Voltage
MOU	Memorandum of Understanding	MW(e)	Megawatt Electric
MOV	Motor Operated Valve	MWhr	Megawatt Hours

N

Acronym	Definition	Acronym	Definition
NACE	National Association of Corrosion Engineers	NIAC	Nuclear Industry Assessment Committee
NAM	Nuclear Asset Management	NLP	Natural Language Processing
NAS	National Academy of Sciences	NMAC	Nuclear Maintenance Application Center
NASA	Nucleoelectrica Argentina S.A.	NMCA	Noble Metal Chemical Addition
NAUG	Neutron Absorber User Group	NMETT	Nuclear Manager of EPRI Technology Transfer
NCR	Nonconformance Report	NNL	National Nuclear Laboratory (UK)
NCRP	National Council on Radiation Protection & Measurements	NNS	Near-net shaped
NDE	Nondestructive Evaluation	NNSA	National Nuclear Security Administration (DOE)
NDEC	Nondestructive Evaluation Center	NOAK	Nth Of A Kind
NEA	Nuclear Energy Agency	NOC	Nuclear Oversight Committee
NEG	Non-Emitting Generation	NP	Nuclear Program
NEI	Nuclear Energy Institute	NPC	Nuclear Power Council
NEPO	Nuclear Energy Plant Optimization	NPDPM	New Nuclear Plant Deployment Program Model
NERAC	Nuclear Energy Research Advisory Committee	NPDSU	New Project Development Startup
NERC	North American Electric Reliability Council	NPIC	Nuclear Power Instrumentation & Control
NERI	Nuclear Energy Research Initiative	NPP	Nuclear Power Plant
NETL	National Energy Technology Laboratory (DOE)	NPPD	Nebraska Public Power District
NFIR	Nuclear Fuel Industry Research	NPS	Nuclear Power Sector
NFPA	National Fire Protection Association	NPT	Treaty on the Non-Proliferation of Nuclear Weapons
NGA	Next Generation Attenuation (Seismic studies)	NQA	Nuclear Quality Assurance
NGNP	Next Generation Nuclear Plant	NQML	Nuclear Quality Management Leadership
NGO	Non-governmental Organization	NR	Neutron Radiographic Testing



Acronym	Definition	Acronym	Definition
NRA	Nuclear Regulation Authority (Japan)	NSSS	Nuclear Steam Supply System
NRC	U.S. Nuclear Regulatory Commission	NSTI	Nuclear Steam Turbine Generator Initiative
NRC-RES	NRC Office of Research	NSUF	Nuclear Science User Facilities
NRCA	Nuclear Research Collaboration Alliance	NUCC	Nuclear Utilities Coating Council
NRIC	Nuclear Reactor Innovation Center (DOE)	NUOG	Nuclear Utility Obsolescence Group
NRR	NRC Office of Nuclear Reactor Regulation	NUP	Nuclear Utility Procurement
NRWG	Nuclear Regulators Working Group	NUPIC	Nuclear Utility Procurement Issues Corporation
NSCSL	Nuclear Supply Chain Strategic Leader	NUREG	U.S. Nuclear Regulatory Commission Publication
NSIAC	Nuclear Strategic Issues Advisory Committee (NEI)	NWTRB	Nuclear Waste Technical Review Board
NSP	Nuclear Strategic Plan		
NSPFA	Nuclear Supplemental Program Funding Agreement		

O

Acronym	Definition	Acronym	Definition
O&M	Operations and Maintenance	OLM	On-Line Monitoring
O/O	Owner/Operator	OLNC	Online NobleChem
OD	Outside Diameter	OMF	Outage and On-line Maintenance Management Forum
ODSCC	Outside Diameter Stress Corrosion Cracking	OPEX	Operational Experience
OE	Operational Experience	OPG	Ontario Power Generation
OECD	Organization for Economic Cooperation & Development	OPPD	Omaha Public Power District
OEM	Original Equipment Manufacturer	ORNL	Oak Ridge National Laboratory
OG	Owner's Group	OSS	On Site Storage
OL	Operating License	OWOL	Optimized Weld Over-Lay

P

Acronym	Definition	Acronym	Definition
P2EP	Plant Performance Enhancement Program	PIIE	Plant Information Integration & Evaluation
PAA	Poly Acrylic Acid	PIN	Plant Information Network
PAUT	Phased Array Ultrasonic Testing	PIRT	Phenomenon Identification and Ranking Table
PBC	Performance-Based Certification	PISC	Programme for Inspection of Steel Components
PBSA	Performance Based Supplier Audit	PLC	Programmable Logic Circuit
PCI	Pellet Cladding Interaction	PM	Preventive Maintenance
PCMI	Pellet Cladding Mechanical Interaction	PM-HIP	Powder Metallurgy-Hot Isostatic Pressing
PCT	Peak Cladding Temperature	PMBD UG	Preventive Maintenance Basis Database Users Group
PD	Performance Demonstration	PMIR	Preventive Maintenance Information Repository
PDM	Predictive Maintenance	PMMP	SGMP Executive Oversight Committee
PDQS	Performance Demonstration Qualification Summary	PMTB	Plant Modernization Toolbox
PDU	Power Delivery and Utilization	PNNL	Pacific Northwest National Laboratory
PEJ	Polskie Elektrownie Jadrowe (Polish Utility)	POD	Probability of Detection
PE	Plant Engineering	POMS	Proactive Obsolescence Management System
PFM	Probabilistic Fracture Mechanics	PPA	Power Purchase Agreement
PG&E	Pacific Gas & Electric	PPA	Personnel Proficiency Assessment
PGSC	Product Group Steering Committee	PPE	Personnel Proficiency Evaluation
PHWR	Pressurized Heavy Water Reactor	PPE	Personnel Protection Equipment
PIE	Post-Irradiation Examination	PPL	Originally Pennsylvania Power & Light



Acronym	Definition	Acronym	Definition
PQ&C	Personnel Qualification and Certification	PSI	Pre-Service Inspection
PQD	Post Quench Ductility	PT	Liquid Penetrant Testing
PQP	Project Quality Plan	PTS	Pressurized Thermal Shock
PRA	Probabilistic Risk Assessment	PVRC	Pressure Vessel Research Council
PRCI	Pipeline Research Council International	PWR	Pressurized Water Reactor
PSA	Probabilistic Safety Assessment	PWROG	PWR Owners Group
PSAR	Preliminary Safety Analysis Report	PWSCC	Primary Water Stress Corrosion Cracking
PSEG	Public Service Electric & Gas	PZR	Pressurizer

Q

Acronym	Definition	Acronym	Definition
QA	Quality Assurance	QMP	Quality Management Program
QAP	Quality Assurance Program	QPI	Quality Program Instruction
QDA	Qualified Data Analyst		

R

Acronym	Definition	Acronym	Definition
R&D	Research and Development	RIP	Rod Internal Pressure
RAC	Research Advisory Committee	RIS	Regulatory Issue Summary
RAI	Request for Additional Information	RISC	Risk-Informed Steering Committee
RCCA	Rod Cluster Control Assembly	RISMC	Risk-Informed Safety Margin Characterization
RCM	Reliability Centered Maintenance	RITS	Risk-Informed Technical Specifications
RCP	Reactor Coolant Pump	RM	Regional Managers
RD&D	Research, Development and Demonstration	RMS	Root Mean Square
RDP	Reactor Development Program	ROCET	Readiness for Organizational Change Evaluation Tool
REM	Roentgen Equivalent Man	RoHS	Restriction of Hazardous Substances
REM	Radiation Exposure Management	RP	Radiation Protection
REMP	Radiological Environmental Monitoring Program	RPA	Research Portfolio Agreement
RES	NRC Office of Nuclear Regulatory Research	RPV	Reactor Pressure Vessel
RETS	Radiological Effluent Technical Specifications	RRM	Repair, Replacement and Modifications
RFI	Radio Frequency Interface	RRUG	Risk & Reliability User Group
RFT	Remote Field Testing	RS	Radiation Safety
RG	Regulatory Guide	RSM	Risk & Safety Management
RHV	Reliable Hardened Vents	RT	Radiographic Test
RI	Risk Informed	RTNDT	Reference Temperature Nil Ductility Temperature
RIA	Reactivity Insertion Accident	RUL	Remaining Useful Life
RIAM	Risk Insight for Aging Management	RV	Reactor (Pressure) Vessel
RIC	Research Integration Committee	RVI	Remote Visual Inspection
RI-ISI	Risk-Informed In-Service Inspection	RVUH	Reactor Vessel Upper Head
RIM	Reliability and Integrity Management		



S

Acronym	Definition	Acronym	Definition
S&TD	Science & Technology Development	SMA	Seismic Margin Assessment
SACAP	Self-Assessment Corrective Action Program	SMART	System Performance Monitoring, Reporting & Trending Tool
SAFDL	Specified Acceptable Fuel Design Limit	SMR	Small Modular Reactor
SAMG	Severe Accident Management Guideline	SNERDI	Shanghai Nuclear Engineering Research & Design Institute
SAR	Safety Analysis Report	SNOC	Southern Nuclear Operating Company (EPRI Member-United States)
SC	Steering Committee	SOER	Significant Operating Experience Report
SCC	Stress Corrosion Cracking	SPN	Supplemental Project Notice
SCE	Southern California Edison	SPV	Single Point Vulnerability
SCE&G	South Carolina Electric & Gas	SPVAT	Single Point Vulnerability Assessment Tool
SCG	Slow Crack Growth	SQC	Swedish Qualification Centre
SD	Shutdown	SQUG	Seismic Qualification Utility Group
SDF	Self-Directed Funding	SQURTS	Seismic Qualification Reporting and Testing Standardization
SDM	Shutdown Margin	SR	Stub Runner
SE	Safety Evaluation	SR&I	Structural Reliability and Integrity (in Risk & Safety)
SEQUAL	Seismic Experience Based Qualification	SRA	Subscriber Requested Assistance
SER	Safety Evaluation Report	SRMP	Standard Radiation Monitoring Points
SER	Significant Event Report	SRP	Standard Review Plan
SFC	Single Failure Criterion	SS	Stainless Steel
SFP	Spent Fuel Pool	SSC	Seismic Source Characterization
SG	Steering Group	SSC	Systems, Structures and Components
SG	Steam Generator	SSE	Safe Shutdown Earthquake
SGDD	Steam Generator Degradation Database	STARS	Strategic Teaming And Resource Sharing
SGMP	Steam Generator Management Program	STE	Standardized Task Evaluations for Portable Qualifications
SHIZAM	Study of Hydrogen Impacts on Zirconium	STP	South Texas Project
SITF	Seismic Issues Task Force	SU	Startup
SJLF	Slip Joint Leakage Flow	SÚJB	State Office for Nuclear Safety (Czech Republic nuclear regulator)
SL	Selective Leaching	SVTI	Swiss Association for Technical Inspections
SLTF	Selective Leaching Task Force		

T

Acronym	Definition	Acronym	Definition
TA	Technical Advisor	TOFD	Time of Flight Diffraction Ultrasonics
TAC	Technical Advisory Committee	TRB	Technical Review Board
TAG	Technical Advisory Group	TRISO	Tri-structural Isotopic
TC	Tailored Collaboration	TRL	Technology Readiness Level
TEPCO	Tokyo Electric Power Company	TS	Tube Sheet
TERI	Technical Evaluation of Replacement Items	TSG	Technical Strategy Group
TFFSC	Task Force on Fuel Safety Criteria	TSLCC	Total System Life Cycle Cost
TFM	Total Focusing Method	TSP	Tube Support Plate
TGSCC	Transgranular Stress Corrosion Cracking	TSPA	Total System Performance Assessment (Yucca Mountain)
TGUG	Turbine Generator Users Group	TSUG	Transformer and Switchyard Users Group



TI	Technology Innovation	TTS	Top of Tube Sheet
TLAA	Time-Limited Aging Analysis	TVA	Tennessee Valley Authority
TMI	Three Mile Island		

U

Acronym	Definition	Acronym	Definition
UC	Underlying Committee	UG	User Group
UF	Used Fuel	ÚJV	Ústav (Institute) Jaderná (Nuclear) Výzkum (Research) Czech Republic
UFC	Ultrasonic Fuel Cleaning	URD	Utility Requirement Document
UFM	Ultrasonic Flow Meter	UT	Ultrasonic Testing

V

Acronym	Definition	Acronym	Definition
VA	Vibration Analysis Testing	VTT	Finish Research Center
VCD	Vacuum Carbon Deoxidation	VVER	Voda-Vodyanoi Energeticheski Reaktor
VHTR	Very High Temperature Reactor	VWO	Valves wide open
VT	Visual Testing		

W

Acronym	Definition	Acronym	Definition
WANO	World Association of Nuclear Operators	WEC	Westinghouse Electric Company
WCAP	Westinghouse Commercial Atomic Power	WG	Working Group
WCC	Water Chemistry Control	WOL	Weld overlay
WCNOC	Wolf Creek Nuclear Operating Corp.	WRTC	Welding and Repair Technology Center (formerly RRAC)

XYZ

Acronym	Definition	Acronym	Definition
xLPR	Extremely Low Probability of Rupture	YM	Yucca Mountain
XRD	X-Ray Diffraction		