

## ABBREVIATIONS

3-D	3-dimensional
$\chi/Q$	dispersion values
A2LA	American Association for Laboratory Accreditation
AAC	alternate AC
ABWR	Advanced Boiling Water Reactor
ac	acre(s)
AC	Air Conditioning
ac	alternating current
ACF	Automatic Control Function
ACI	American Concrete Institute
ACIWA	ac-independent water addition
ACLASS	ACLASS Accreditation Services
ACS	atmospheric control system
ADAMS	Agencywide Documents Access and Management System
ADCIRC	Advanced Circulation
ADS	automatic depressurization system
AFFF	aqueous film-forming foam
AFI	alternate feedwater injection
AFIP	automatic fixed incore probe
AFT	as-found tolerance
AHU	air handling unit
AIA	aircraft impact assessment
AISC	American Institute of Steel Construction
ALARA	as low as is reasonably achievable
ALT	as-left tolerance
AMP	Aging Management Program
ANS	American Nuclear Society
ANSI	American National Standards Institute
ANSS	Advanced National Seismic System
AOO	anticipated operational occurrence
AOP	Abnormal Operating Procedure
AOV	air-operated valve
APR	automatic power regulator
APRM	average power range monitor
AQCR	Air Quality Control Region
ARI	alternate rod insertion
ARM	area radiation monitor
ARS	amplitude response spectrum
ART	adjusted reference temperature

ASA	applicable safety analysis
ASCE	American Society of Civil Engineers American Society of Civil Engineers/Structural Engineering Institute
ASCE/SEI	Institute
ASD	adjustable speed drive American Society of Heating, Refrigerating, and Air-Conditioning Engineers
ASHRAE	Engineers
ASLB	Atomic Safety and Licensing Board
ASME	American Society of Mechanical Engineers
ASNT	American Society for Nondestructive Testing
ASTM	American Society for Testing and Materials
ATIP	automated traversing incore probe
ATLM	automatic thermal limit monitoring
ATWS	anticipated transient without scram
AV	allowable value
AWS	American Welding Society
BAS	breathing air system
BDBEE	beyond-design-basis earthquake event
BE	best estimate
BGS	below ground surface
BIL	basic insulation level
BOP	balance of plant
BPU	bypass unit
BPV	boiler and pressure vessel
BRL	Ballistic Research Laboratory
BTP	Branch Technical Position
BWR	Boiling Water Reactor
BWRVIP	BWR vessel and internal project
C	Celsius
CAM	containment atmospheric monitoring
CAS	central alarm station
CB	control building
CBA	control building annex
CCF	common-cause failure
CDA	critical digital asset
CDE	committed dose equivalent
CDF	core damage frequency
CDFM	conservative deterministic failure margin
CDI	conceptual design information
CDM	certified design material
CDO	Climate Data Online
CEUS	Central and Eastern United States
CEUSSC	Central and Eastern United States seismic source characteristic

CFD	computational fluid dynamic
CFO	critical flash-over
CFR	Code of Federal Regulations
CFRW	crane foundation retaining wall
CFS	condensate and feedwater system
cfs	cubic feet per second
CFT	channel functional test
CH	chugging
CHRA	control room habitability area
CIP	construction inspection program
CIV	combined intermediate valve
cm	centimeter(s)
CMS	core monitoring system
CMTR	certified material test report
CO	condensation oscillation
COL	combined license
COLA	combined license application
COLR	core operating limit report
COM	commitment
COPS	containment overpressure protection system
CP	core plate
CPS	condensate purification system
CPT	cone penetrometer tests
CRD	control rod drive
CRDA	control rod drop accident
CRDH	control rod drive housing
CRDHS	CRD hydraulic system
CRDS	control rod drive system
CRGT	control rod guide tube
CRHA	control room habitability area
CRR	cyclic resistance ratio
CRT	cathode ray tube
CS	core support
CSA	channel statistical allowance
CSC	Coastal Services Center
CSDRS	certified seismic design response spectra
CSP	cyber security program
CSR	cyclic stress ratio
CST	condensate storage tank
CTG	combustion turbine generator
CUW	reactor water cleanup
CUWS	reactor water cleanup system
Cv	charpy V-notch
CV	control valve
CVAP	Comprehensive Vibration Assessment Program

CVCF	constant voltage, constant frequency
CWS	circulating water system
D3	diversity and defense-in-depth
DAC	Design Acceptance Criterion/Criteria
DB	design basis
DBA	design-basis accident
DBF	design-basis flood
DBFL	design-basis flood level
DBT	design-basis tornado
DC	design certification
dc	direct current
DCD	design control document
DCF	data communication function
DCR	design certification rule
DCV	drywell connecting vent
DEP	departure
DEPSS	drywell equipment and pipe support structure
DFSER	draft final safety evaluation report
DFT	divisional function test
DG	diesel generator
DGFOSV	diesel generator fuel oil storage vault
DGFOT	diesel generator fuel oil tunnel
DHS	Department of Homeland Security
DI&C	digital instrumentation and control
DLF	dynamic load factor
DM	direct method
DNFSB	Defense Nuclear Facilities Safety Board
DOE	Department of Energy
DOI	dedicated operator interface
DOT	Department of Transportation
DP	differential pressure
DQR	dynamic qualification report
D-RAP	Design Reliability Assurance Program
DSHS	Department of State Health Services
DTF	digital trip function
DTM	digital trip module
DTS	drain transfer system
E	modulus of elasticity
EAB	exclusion area boundary
EAL	emergency action level
EC	essential communication
ECCS	emergency core cooling system
ECF	essential communication function

ECL	effluent concentration limit
ECP	essential cooling pond
EDECWS	emergency diesel engine cooling water system
EDG	emergency diesel generator
EEA	electrical equipment area
EER	equivalency evaluation report
EF	emergency filtration
EFS	emergency feedwater system
EFU	emergency filtration unit
EHC	electro-hydraulic control
EI	elevation
ELAP	extended loss of all ac power
ELCS	emergency safety features logic and control system
EMC	electromagnetic compatibility
EMI	electromagnetic interference
EMS	essential multiplexing system
ENS	emergency notification system
EOC-RPT	end-of-cycle recirculation pump trip
EOF	emergency operations facility
EOP	emergency operating procedure
EP	Emergency Plan
EPA	electrical protection assembly
EPC	engineering, procurement, and construction
EPDS	electrical power distribution system
EPG	emergency procedure guideline
EP-ITAAC	emergency planning ITAAC
EPRI	Electric Power Research Institute
EPU	extended power uprate
EPZ	emergency planning zone
EQ	environmental qualification
EQD	environmental qualification document
EQP	EQ Program
EQR	environmental qualification records
ER	environmental report
ERC	External Review Panel
ERCOT	Electric Reliability Council of Texas
ERDC	Engineer Research and Development Center
ERO	Emergency Response Organization
ESD	electrostatic discharge
ESF	engineered safety feature
ESFAS	emergency safety features actuation system
ESP	early site permit
EST	earth science team
ETAP	Electrical Transient Analysis Program
ETD	emergency trip device

ETE	evacuation time estimate
ETS	emergency trip system
F	Fahrenheit
FAA	Federal Aviation Administration
FAC	flow accelerated corrosion
FATT	fracture appearance transition temperature
FCS	flammability control system
FDDI	fiber-distributed data interface
FE	finite element
FEA	finite element analysis
FEM	finite element model
FEMA	Federal Emergency Management Agency
FFD	fitness for duty
FIRS	foundation input response spectra
FIV	flow-induced vibration
FIVAP	Flow-Induced Vibration Assessment Program
FIVE	Fire-Induced Vulnerability Evaluation
FM	farm-to-market
FMCRD	fine motion control rod drive
FMDC	fine motion driver cabinet
FMEA	failure modes and effects analysis
FOAK	first-of-a kind
FOCD	foreign ownership, control, or domination
FPC	fuel pool cooling
FPCCS	fuel pool cooling and cleanup system
FPGA	field programmable gate array
FRS	floor response spectra
FSAR	Final Safety Analysis Report
FSER	Final Safety Evaluation Report
ft	foot/feet
FTS	fluid trip system
FV	Fussel-Vesely
FWCS	feedwater control system
FWLB	feedwater line break
FWPH	fire water pump house
FWRB	feedwater runback
FWST	firewater storage tank
GALL	Generic Aging Lessons Learned
GCSZ	Gulf Coast Source Zone
GDC	General Design Criterion/Criteria
GE	General Electric
GEH	General Electric - Hitachi
GIS	geographic information system

GL	generic letter
GMM	ground motion model
GMO	Geomap Fault O
GMRS	ground motion response spectra
gpm	gallons per minute
GSC	gland steam condenser
GSE	gland steam evaporator
GSI	generic safety issue
GTO	gate-turn-off
GTS	generic technical specification
GVA	giga volt ampere
GWMS	gaseous waste management system
Gy	Gray
h	hour
HCLPF	high confidence low probability of failure
HCU	hydraulic control unit
HCW	high conductivity waste
HDPE	high-density polyethylene
HEC-HMS	Hydrologic Engineering Center-Hydrologic Modeling System
HEC-RAS	Hydrologic Engineering Center-River Analysis System
HECW	HVAC emergency cooling water
HEPA	high-efficiency particulate air
HEWC	HVAC emergency water cooling
HF	high frequency
HMR	hydrometeorological reports
HNCW	HVAC normal cooling water
HP	high-pressure
HPCF	high-pressure core floodder
HSI	human-system interface
HSL	high speed serial link
HURDAT	hurricane database
HVAC	heating, ventilation, and air conditioning
HVT	horizontal vent test
HWCS	hydrogen water chemistry system
HX	heat exchanger
Hz	Hertz
I&C	instrumentation and control
IAS	International Accreditation Service
IBC	International Building Code
IBD	instrument block diagram
IC	initiating condition
ICE	interdiction capability evaluation
ICGT	in-core guide tube

ICMH	in-core monitoring housing
IDLH	immediately dangerous to life and health
IE	Inspection and Enforcement
IEC	International Electrotechnical Commission
IED	instrument and electrical diagram
IEEE	Institute of Electrical and Electronics Engineers
ISG	interim staff guidance
IGSCC	intergranular stress corrosion cracking
ILAC	International Laboratory Accreditation Cooperation
in	inch(es)
INPO	Institute of Nuclear Power Operators
IOE	industry operating experience
IOZ	inorganic zinc
IPET	Interagency Performance Evaluation Task Force
ISA	Instrument Society of America
ISC	International Seismological Centre
ISFSI	independent spent fuel storage installation
ISG	interim staff guidance
ISI	inservice inspection
ISLOCA	interfacing systems loss-of-coolant accident
ISO	Independent System Operator
ISRS	in-structure response spectra
IST	inservice testing
ISV	intermediate stop valve
ITA	inspections, tests, (and) analyses
ITAAC	inspections, tests, analyses, and acceptance criteria
ITP	Initial Test Program
IV	intercept valve
J/s	Joules/second
JABWR	Japanese Advanced Boiling Water Reactor
JFD	joint frequency distribution
JLD	Japan Lesson-Learned Project Directorate
JLD-ISG	Japan Lesson-learned Project directorate-interim staff guidance
JOG	Joint Owners' Group
JPM	joint probability method
JSME	Japanese Society of Mechanical Engineers
JTG	Joint Test Group
Ka	thousand years ago
kg	kilogram(s)
km	kilometer(s)
kPaD	kilopascals differential
kPaG	kilopascals gauge
ksf	kilopound per square foot



kV	kilovolt
L	liter
L-A-B	Laboratory-Accreditation-Bureau
LB	lower bound
LBL	large-break LOCA
LC	load combination
LCO	limiting conditions for operation
LCRA	Lower Colorado River Authority
LCW	low conductivity waste
LCWPR	Lower Colorado Water Planning Region
LD	lower drywell
LDF	lower drywell flooder
LDS	Leak detection (and isolation) system
LEAB	large equipment access building
LF	low frequency
LFL	lower flammable limit
LHGR	linear heat generation rate
LiDAR	light detection and ranging
LLEAs	local law enforcement agencies
LLHS	light load handling system
LLNL	Lawrence Livermore National Laboratory
LOA	letters of agreement
LOCA	loss-of-coolant accident
LOOP	Loss of offsite power
LOPP	loss of preferred power
LP	low-pressure
LPFL	low-pressure [core] flooder
LPRM	local power range monitoring
LPSP	low power setpoint
LPZ	low population zone
LRB	licensing review board
LRS	Little Robbins Slough
LSFT	logic system functional test
LSSS	limiting safety systems settings
LTP	licensed thermal power
LTSP	limiting trip setpoint
LUHS	loss of (access to the) UHS
LVDT	linear variable differential transformer
LWMS	liquid waste management system
LWR	light-water reactor
M	moment magnitude
M&E	mass and energy
M&TE	measuring and test equipment

Ma	million years ago
MAPLHGR	maximum average planar linear heat generation rate
MAT	Middle America Trench
M <sub>b</sub>	body wave magnitude
mb	millibar
MBq	mega Becquerel
MC	main condenser
MC&A	material control and accounting
MCAE	main control room area envelope
MCC	motor control center
MCES	main condenser evacuation system
MCPR	minimum critical power ratio
MCR	main control room
MD	Maryland
MDC	main drainage channel
MEEG	Mt. Enterprise-Elkhart Graben
MG	motor-generator
mi	mile
MIL	Military
min	minute
MLHGR	maximum linear heat generation rate
mm	millimeter
MOM	Maximum of Maximum
MOU	Memorandum of Understanding
MOV	motor operated valve
MPCWLL	maximum primary containment water level limit
MPL	Master Parts List
MPT	main power transformer
MRA	Mutual Recognition Arrangement
MRBM	multi-channel rod block monitoring
MRFF	maintenance rule functional failure
MRI	mean recurrence intervals
ms	millisecond
M <sub>s</sub>	surface wave magnitude
MsCIP	Mississippi Coastal Improvements Program
MSIV	main steam isolation valve
MSL	mean sea level
MSLB	main steam line break
MSLRM	main steamline radiation monitor
MSM	modified subtraction method
MSR	moisture separator reheater
MSSS	main steam supply system
MSV	main stop valve
MTI	measuring, testing, and inspection

MTP	maintenance and test panel
MTS	maintenance and test processor
MUWC	makeup water condensate
MUWP	makeup water purified
MVA	mega-volt-amps
MVES	medium voltage electrical system
MW	megawatt(s)
MW/°C	megawatt per degree Celsius
MWe	megawatt electrical
MWP	makeup water preparation
MWPS	makeup water preparation system
MWt	megawatt thermal
NAC	Nuclear Advisory Committee
NAVD	North American Vertical Datum
NAP	Negation Action Plan
NBR	nuclear boiler rated
NBS	nuclear boiler system
NCDC	National Climatic Data Center
NCRS	Natural Resources Conservation Service
NCS	nuclear criticality safety
NDE	nondestructive examination
NDRC	National Defense Research Council
NDT	nil ductility temperature
NDTT	nil ductility transition temperature
NECF	non-essential data communication function
NEI	Nuclear Energy Institute
NEMS	non-essential multiplexing system
NFPA	National Fire Protection Association
NFR	new fuel rack
NFV	new fuel vault
NGDC	National Geophysical (or Geodetic) Data Center
NGVD	National Geodetic Vertical Datum
NGVD29	National Geodetic Vertical Datum of 1929
NHC	National Hurricane Center
NI	nuclear island
NINA	Nuclear Innovation North America
NIRMA	Nuclear Information and Records Management Association
NIST	National Institute of Standards and Technology
NMFS	New Madrid fault system
nmi	nautical mile
NMS	neutron monitoring system
NMSZ	New Madrid seismic zone
NOAA	National Oceanic and Atmospheric Administration
NPAR	Nuclear Plant Aging Research

NPS	nominal pipe size
NPSH	net positive suction head
NRC	U.S. Nuclear Regulatory Commission
NRCS	Natural Resources Conservation Service
NRD	non-radioactive drainage
NRO	Office of New Reactors
NRW	non-rewritable
NSAC	Nuclear Safety Analysis Center
NSIAC	Nuclear Strategic Issues Advisory Committee
NSOA	nuclear safety operational analysis
NSSL	National Severe Storms Laboratory
NSSS	nuclear steam supply system
NST	National Standard Thread
NTS	nominal trip setpoint
NTTF	Near-Term Task Force
NUMARC	Nuclear Management and Resources Council
NVLAP	National Voluntary Laboratory Accreditation Program
NWS	National Weather Service
OBE	operating-basis earthquake
OCA	owner-controlled area
OCR	overconsolidation ratio
ODCM	offsite dose calculation manual
OGS	offgas system
OHLH	overhead heavy load handling
ONAF	oil natural air forced
ONAN	oil natural air natural
OPRM	oscillation power range monitor
OQAP	Operational Quality Assurance Program
OQAPD	Operational Quality Assurance Program Description
O-RAP	Operational-Reliability Assurance Program
OSC	operational support center
OSHA	Occupational Safety and Health Administration
P&ID	pipng and instrumentation diagrams
Pa	probabilities of activity
PA	protected area
PAM	post-accident monitoring
PBL	planetary boundary layer
PCF	plant (process) computer function
pcf	pound per cubic feet
PCIV	primary containment isolation valve
PCP	process control program
PCS	process computer system
PCV	primary containment vessel

PDE	preliminary determination of epicenters
PDN	plant data network
PEZ-N	Paleozoic Extended Zone - narrow
PFD	process flow diagram
PG	power generation
PGA	peak ground acceleration
PGCS	power generation control system
PI	plasticity index
PICS	plant information and control system
PIP	plant investment protection
PIV	pressure isolation valve
PLU	power-load unbalance
PM	preventive maintenance
PMCS	performance and monitoring control system
PMF	probable maximum flood
PMH	probable maximum hurricane
PMMW	probable maximum meteorological wind
PMP	probable maximum precipitation
PMSS	probable maximum storm surge
PMT	probable maximum tsunami
PMWP	probable maximum winter precipitation
PMWS	probable maximum wind storm
PORC	Plant Operations Review Committee
POV	power-operated valve
PRA	probabilistic risk assessment
PRMS	process radiation monitoring system
PRNM	power range neutron monitors
PS	pool swell
PSB	Power Systems Branch
PSD	power spectral density
psf	pound per square foot
PSHA	probabilistic seismic hazard analysis
PSI	preservice inspection
psid	pounds per square inch, differential
psig	pounds per square inch, gauge
PSP	Physical Security Plan
PSTF	Pressure Suppression Test Facility
P-STG	plant-specific technical guideline
PSW	potable and sanitary water
PSWS	potable and sanitary water system
PT	pressure transducer
P-T	pressure-temperature
PTLR	pressure-temperature limits report
PTS	plant-specific technical specification
PWR	pressurized-water reactor

PWROG	PWR Owner's Group
Q	quality
QA	quality assurance
QAM	Quality Assurance Manual
QAP	Quality Assurance Program
QAPD	Quality Assurance Program Description
QG	quality group
rads/s	radians per second
RAI	request for additional information
RAP	Reliability Assurance Program
RAPI	rod action and position information
RAT	reserve auxiliary transformer
RAW	risk-achievement worth
RB	reactor building
RBSRDG	reactor building safety-related diesel generator
RBV	reactor building vibration
RCC	remote communication cabinet
RCCV	reinforced concrete containment vessel
RCIC	reactor core isolation cooling
RCIS	rod control and information system
RCPB	reactor coolant pressure boundary
RCS	reactor coolant system
RCTS	resonant column torsional shear
RCW	reactor building cooling water
RDLC	remote digital logic controller
REC Model	reconstituted model
REM	radiological emergency management
REMP	Radiological Environmental Monitoring Program
REP	Radiological Emergency Planning and Preparedness
RFCS	recirculation flow control system
RFI	radio-frequency interference
RG	regulatory guide
RHR	residual heat removal
RIP	reactor internal pump
RIS	Regulatory Issue Summary
RJABWR	referenced Japanese Advance Boiling Water Reactor
RLME	repeated large magnitude earthquake
RM	resolution method
RMHX	recirculation motor heat exchanger
RMI	reflective metallic insulation
RMPF	reservoir makeup pumping facility
RMS	root mean square
RMU	remote multiplexing unit

RO	reactor operator
RPM	revolutions per minute
RPS	reactor protection system
RPT	recirculation pump trip
RPV	reactor pressure vessel
RR	Reelfoot Rift
RRPS	referenced rod pull sequence
RSA	response spectrum analysis
RSS	remote shutdown system
RSW	reactor service water
RT	reference temperature
RTIS	reactor trip and isolation system
RTNSS	regulatory treatment of non-safety systems
RTP	rated thermal power
RTS	reactor trip system
RV	reactor vessel
RVSP	reactor vessel (materials) surveillance (capsule) program
RVT	random vibration theory
RWB (RW/B)	radwaste building
RWE	rod withdrawal event
RWM	rod worth minimizer
s	second
S&PC	steam and power conversion
S/P	suppression pool
SACTI	seasonal/annual cooling tower impact
SAFDL	specified acceptable fuel design limits
SAG	severe accident guideline
SAL	safety analysis limit
SAM	Startup Administrative Manual
SAS	service air system
SAS	secondary alarm station
SAT	systematic approach to training
SB	service building
SB&PC	steam bypass and pressure control system
SBO	station blackout
SCCG	standard cold core geometry
SCG	Startup Coordinating Group
SCP	Setpoint Control Program
SCP	Safeguards Contingency Plan
SCRRI	selected control rod run-in
SDC	synchro-to-digital converter
SDM	shutdown margin
SDMP	Steam Dryer Monitoring Plan

SE	safety evaluation
SEI	Structural Engineering Institute
SER	safety evaluation report
SFR	spent fuel rack
SG	strain gauge
SGI	safeguards information
SGTS	standby gas treatment system
SIT	structural integrity test
SL	safety limit
SLC	standby liquid control
SLCS	standby liquid control system
SLD	single line diagram
SLF	safety logic function
SLMCPR	safety limit minimum critical power ratio
SLOSH	sea, lake, and overland surges from hurricanes
SLU	system logic unit
SM	subtraction method
SMT	scaled model testing
SNM	special nuclear material
SOG	Seismic (Seismicity) Owner's Group
SOV	solenoid-operated valve
SPC	suppression pool cooling
SPCU	suppression pool cleanup
SPDS	safety parameter display system
SPT	standard penetration testing
SPTM	suppression pool temperature monitoring
SR	surveillance requirement
SRM	Staff Requirements Memorandum/Memoranda
SRNM	startup range neutron monitoring
SRO	senior reactor operator
SRP	Standard Review Plan
SRSS	square root of the sum of the squares
SRV	safety and relief valve (safety/relief valve)
SS	shift supervisor
SSAR	standard safety analysis report
SSC	structure, system, and component
SSE	safe-shutdown earthquake
SSEP	Safety, Security, and Emergency Preparedness
SSHAC	Senior Seismic Hazard Analysis Committee
SSI	soil-structure interaction
SSLC	safety system logic and control
SSSI	structure-soil-structure interaction
STC	surveillance test controller
STD	standard technical departure
STP	South Texas Project



STPEGS	South Texas Project Electric Generating Station
STPNOC	South Texas Project Nuclear Operating Company
STS	standard technical specification
S <sub>u</sub>	undrained shear strain
Sv	Sievert
SWMS	solid waste management system
T	thickness; temperature
T&QP	Training and Qualification Plan
TA	total allowance
TAF	top of active fuel
TANE	Toshiba America Nuclear Energy
TBCW	turbine building cooling water
TBS	turbine bypass system
TCC	Texas Central Company
TCW	turbine building cooling water
TDH	total developed head
TEDE	total effective dose equivalent
TEEL	temporary emergency exposure limit
TEPCO	Toyko Electric Power Company
TG	turbine generator
TGSS	turbine gland sealing system
TI	technical integrator
TLD	thermoluminescent dosimeter
TLF	trip logic function
TMI	Three-Mile Island
TN	transmission network
TPCN	test procedure change notice
TR	Technical Report
TRM	Technical Requirements Manual
TS	technical specification(s)
TSC	technical support center
TSP	transmission service provider
TSTF	Technical Specification Task Force
TSW	turbine building service water
TWDB	Texas Water Development Board
TWL	turbine water lubricated
U.S. EPA	U.S. Environmental Protection Agency
UAT	unit auxiliary transformer
UB	upper bound
UBC	Uniform Building Code
UC	unconfined compression
UD	upper drywell

UFL	upper flammable limit
UFSAR	Updated Final Safety Analysis Report
UHRS	uniform hazard response spectra
UHS	ultimate heat sink
UPS	uninterruptible power supplies
URD	Utility Requirements Document
URG	Utility Resolution Guidance
URS	ultimate rupture strength
USACE	U.S. Army Corps of Engineers
USGCRP	U.S. Global Change Research Program
USGS	U.S. Geological Survey
UT	ultrasonic testing
UTM	Universal Transverse Mercator
UU	unconsolidated-undrained
UV	undervoltage
V&V	verification and validation
V/H	vertical-to-horizontal
VAC	volt alternating current
Vac	volt alternating current
VBS	vehicle barrier system
VDC	volt direct current
Vdc	volt direct current
VDU	video display units
VFTP	Ventilation Filter Test Program
VHRA	very high radiation area
VPI	compressional velocity
VPI	valve position indication
$V_s$	shearwave velocity
WCAP	Westinghouse Commercial Atomic Power
WEC	Westinghouse Electric Corporation
WPMR	whole pool multi-rack
WWTP	Waste Disposal and Water Supply Corporation
yr	year
ZIS	zinc injection system
ZOI	zone of influence
ZPA	zero period acceleration