

Appendix C Acronyms

A2LA	American Association for Laboratory Accreditation
ac	alternating current
ACLASS	ACLASS Accreditation Services
ACRS	Advisory Committee on Reactor Safeguards
ADAMS	Agencywide Documents Access and Management Systems
AHS	auxiliary heat sink
ALARA	as low as reasonably achievable
ANS	American Nuclear Society
AOOs	anticipated operational occurrences
API	American Petroleum Institute
AREOR	Annual Radiological Environmental Operating Report
ASA	applicable safety analyses
ASCE	American Society of Civil Engineers
ASHRAE	American Society of heating, Refrigerating and Air-Conditioning Engineers
ASME	American Society of Mechanical Engineers
ASTM	American Society for Testing and Materials
ATWS	anticipated transient without scram
AWWA	American Water Works Association
BPV	boiler and pressure vessel
BTP	branch technical positions
BWR	boiling-water reactor
CAM	continuous air monitors
CDI	conceptual design information
CEOF	central emergency operations facility
cfm	cubic-feet per minuet
CFR	<i>Code of Federal Regulations</i>
CIRC	circulating water system
COL	combined license
COLA	combined license application
COLR	Core Operating Limits Report
COV	coefficient of variation
COVRERP	Commonwealth of Virginia's Radiological Emergency Response Plan
CPS	condensate purification system
CPT	cone penetrometer tests
CRHAVS	control room habitability area heating and ventilation system
CSDRS	certified seismic design response spectrum
CS&TS	condensate storage and transfer system
CST	condensate storage tank
CWS	circulating water system
DAC	design acceptance criteria
DBA	design-basis accident
dc	direct current
DC	design certification
DCA	design certification application
DCD	design control document
DCR	design certification rule

DCRA	design-center review approach
DCWG	design-center working group
DG	diesel generator
DGFOSTS	diesel generator fuel oil storage and transfer system
DOM	Dominion Nuclear Facility
DRAP	design reliability assurance program
DVP	Dominion Virginia Power (DVP or Dominion)
EAB	exclusion area boundary
EAL	emergency action level
EAS	emergency alert system
EFU	emergency filtration unit
ENC	emergency news center
ENS	emergency notification system
EOC	emergency operations center
EOF	emergency operations facility
EP	emergency plan
EP	emergency planning
EP	emergency preparedness
EPA	U.S. Environmental Protection Agency
EPIP	emergency plan implementing procedure
EPRI	Electric Power Research Institute
EPZ	emergency planning zone
EQ	environmental qualification
EQD	environmental qualification document
ER	environmental review
ERDS	emergency response data system
ERF	emergency response facility
ERO	emergency response organization
ESBWR	Economic Simplified-Water Reactor
ESE	east-southeast
ESF	engineered safety features
ESP	early site permit
ETE	evacuation time estimate
EWS	early warning system
FAA	U.S. Federal Aviation Administration
FAC	flow acceleration corrosion
FAPCS	fuel and auxiliary pools cooling system
FB	fuel building
FEIS	final environmental impact statement
FEMA	Federal Emergency Management Agency
FHA	fire hazards analysis
FIRS	foundation input response spectra
FIV	flow-induced vibration
FPS	fire protection system
FRMAC	Federal Radiological Monitoring and Assessment Center
FRPP	fiberglass reinforced polyester pipe
FRS	floor response spectra
FS	factor of safety
FSAR	final safety analysis report
FSER	final safety evaluation report
FWSC	fire water service complex

g/cm	gram per cubic centimeters
GDC	general design criteria
GDC	general design criterion
GEH	General Electric-Hitachi
GL	generic letter
GMRS	ground motion response spectra
gpm	gallon per minute
GTGs	generic technical guidelines
GTS	generic technical specification
GWMS	gaseous waste management system
HCLPF	high confidence low probability of failure
HEC	Hydrologic Engineering Center
HEPA	high-efficiency particulate air
HFE	Human Factors Engineering
HPM	human performance monitoring
HPN	Health Physics Network
HSI	human system interface
HVAC	heating, ventilating, and air conditioning
HWC	hydrogen water chemistry
HWCS	hydrogen water chemistry system
IAS	International Accreditation Service
IBC	International Building Code
ICs	initiating conditions
IC/PCC	isolation condenser/passive containment cooling
IE	Inspection and Enforcement
IEEE	Institute of Electrical and Electronic Engineers
IFTS	inclined fuel transfer system
ILAC	Internal Laboratory Accreditation Cooperation
IN	Information Notice
INPO	Institute of Nuclear Power Operations
ISFSI	independent spent fuel storage installation
ISI	inservice inspection
IST	inservice testing
ITA	Inspections, tests, analyses
ITAAC	inspections, tests, analyses, and acceptance criteria
ITP	initial test program
JIC	joint information center
L-A-B	Laboratory Accreditation Bureau
LAN	local area network
LCO	limiting condition for operation
LEOF	local emergency operations facility
LOCA	loss-of-coolant accident
LOPP	loss of preferred power
LPZ	low population zone
LTC	load tap changer
LWMS	liquid waste management system
M&TE	measuring and test equipment
MCL	Management Counterpart Link
MCPR	minimum critical power ratio
MCR	main control room
MCVH/VCU	Medial College of Virginia Hospitals/Virginia Commonwealth University

MRA	Mutual Recognition Arrangement
mrem	milli-rem
MSIV	allowable values for main steam isolation valve
msl	mean sea level
mSv	milli-Sievert
MWS	makeup water system
MWt	megawatt thermal
NACE	National Association of Corrosion Engineers
NAEP	North Anna Emergency Plan
NANIC	North Anna Nuclear Information Center
NAPS	North Anna Power Station
NAVD	North American Vertical Datum
NDE	nondestructive examination
NDT	nil ductility temperature
NFPA	National Fire Protection Association
NIRMA	Nuclear Information and Records Management Association
NEI	Nuclear Energy Institute
NERC	North American Electric Reliability Corporation
NIST	National Institute of Standards and Technology
NPHS	normal power heat sink
NQA	Nuclear Quality Assurance
NRC	U.S. Nuclear Regulatory Commission
NS	nonseismic
NSSS	nuclear steam supply system
NUMARC	Nuclear Management and Resource Council (now NEI)
NUREG	NRC technical report designation (<u>N</u> uclear <u>R</u> egulatory Commission)
NVLAP	National Voluntary Laboratory Accreditation Program
NWS	National Weather Service
OBE	Operating Basis Earthquake
ODCM	offsite dose calculation manual
ODEC	Old Dominion Electric Cooperative
OE	operating experiences
OGS	off-gas system
OM	Operation and Maintenance
ORE	occupational radiation exposure
OSC	operational support center
OSHA	U. S. Office of Safety and Health Administration
OW	observation wells
P&IDs	pipng and instrumentation diagrams
PAM	post accident monitoring
PAR	protective action recommendation
PAR	protective action response
PASS	post accident sampling system
PCCS	passive containment cooling system
PCP	process control program
PCTMS	plant cooling tower makeup system
PDP	procedures development plan
PGP	procedures generation package
PJM	Pennsylvania, New Jersey, and Maryland
PP	pocket penetrometer
PPS	preferred power supply

PMCL	Protective Measures Counterpart Link
PMF	probable maximum flood
PMH	probable maximum hurricane
PMP	probable maximum precipitation
PMT	probable maximum tsunami
PMWS	probable maximum wind storm
PNNL	Pacific Northwest National Laboratory
PRA	probabilistic risk assessment
PRMS	process radiation monitoring system
PSHA	probabilistic seismic hazard analysis
PSI	preservice inspection
PSS	process sampling system
P-STGs	plant-specific technical guidelines
P-SWG	plant-specific writers' guide
PSWS	plant service water system
P/T	pressure and temperature
PTLR	pressure temperature limits report
PTS	plant-specific TS
PWR	pressurized-water reactor
PWS	potable water system
PWSS	pretreated water supply system
QA	quality assurance
QAPD	quality assurance program description
RAI	request for additional information
RAP	reliability assurance program
RB	reactor building
RCA	radiological consequence analyses
RCCWS	reactor component cooling water systems
RCPB	reactor coolant pressure boundary
RCS	reactor coolant system
RCTS	resonant column torsional shear
rem	radiological equivalent mammal
REMP	environmental monitoring program
RER	radiological emergency response
RERP	radiological emergency response plan
RG	regulatory guide
RIS	Regulatory Issue Summary
RM	resolution method
RMSR	root mean squared residual
RO	reactor operators
RPP	radiation protection program
RPS	reactor protection system
RPV	reactor pressure vessel
RQD	rock quality designation
RSCL	Reactor Safety Counterpart Link
RT	radiographic techniques
RTNSS	regulatory treatment of non-safety systems
RTO	regional transmission operator
RVSP	reactor vessel materials surveillance program
RWMS	radioactive waste management systems
SACTI	Seasonal/Annual Cooling Tower Impact

SAG	severe accident guidelines
SAM	Startup Administrative Manual
SAMA	severe accident mitigation alternatives
SAMDA	severe accident mitigation design alternatives
SAT	systems approach to training
SBO	station blackout
SCP	setpoint control program
SCRRI	selected control rod run-in
SDG	standby diesel generator
SE	safety evaluation
SER	safety evaluation report
SFP	spent fuel pool
SIS	system impact study
SLCS	standby liquid control system
SNL	Sandia National Laboratory
SPDS	safety parameter display system
SPT	standard penetration test
SR	surveillance requirement
SREC	standard radiological effluent controls
SRI	select rod insert
SRM	staff requirements memorandum
SRNM	startup range neutron monitor
SRO	senior reactor operator
SRP	standard review plan
SRV	safety relief valve
SS	site specific
SSAR	site safety analysis report
SSC	structures, systems, and components
SSE	safe shutdown earthquake
STD COL	standard combined license information item
STD SUP	standard supplemental information
STP	sewage treatment plant
STS	specific technical specifications
SUNSI	Security-Related Sensitive and Classified Non-Safeguard Information
Sv	sievert
SWDS	sanitary waste discharge system
SWM	storm water management
SWMS	solid waste management system
SWPPP	storm water pollution prevention plan
SWR	service water reservoir
SWS	station water system
SWST	station water storage tank
TEDE	total effective dose equivalent
TG	technical guide
TGS	turbine generator system
TLDs	thermoluminescent dosimeters
TR	topical report
TS	technical specification
TSC	technical support center
UATs	unit auxiliary transformers
μCi/cc	micro curies per cubic centimeter

UHS	ultimate heat sink
UT	ultrasonic techniques
VAR	variance
VDEM	Virginia Department of Emergency Management
VDGIF	Virginia Department of Game and Inland Fisheries
VHRAs	very high radiation areas
V&V	verification and validation
WHTF	waste heat treatment facility
ZIS	Zinc Injection System