

## APPENDIX C. ACRONYMS

ABWR	Advanced Boiling Water Reactor
ACRS	Advisory Committee on Reactor Safeguards
ADAMS	Agencywide Documents Access and Management System
ASME	American Society of Mechanical Engineers
BPV	Boiler and Pressure Vessel
B/U	bias errors and uncertainties
C	Celsius
CFD	computational fluid dynamics
CFR	<i>Code of Federal Regulations</i>
CRD	control rod drive
CRGT	control rod guide tube
CS	core support
CSDRS	certified seismic design response spectra
DCD	design control document
DCIS	distributed control and information system
EPU	extended power uprate
ESBWR	economic simplified boiling water reactor
F	Fahrenheit
FE	finite element
FEM	finite element model
FIV	flow-induced vibration
FRF	frequency response functions
FSER	final safety evaluation report
GDC	general design criterion
GDCS	gravity-driven cooling system
GEH	General Electric – Hitachi Nuclear Energy
GGNS	Grand Gulf Nuclear Station
GWMS	gaseous waste management system
HF	high frequency
Hz	hertz
IC	isolation condenser
ICGT	incore guide tube
ICMGT	incore monitor guide tube
ITAAC	Inspections, tests, analyses, and acceptance criteria
Kpa	kilopascals
ksi	kilopounds per square inch
LF	low frequency
LOCA	loss-of-coolant accident
LTR	licensing topical report
m/s	meters per second
MASR	minimum alternating stress ration
MCR	main control room
MPa	megapascals
MSL	main steamline
NEI	Nuclear Energy Institute
NRC	Nuclear Regulatory Commission
NRO	New Reactors Licensing
OGS	offgas system

OLTP	Originally Licensed Thermal Power
PAT	Power Ascension Test
PBLE	plant-based load evaluation
PSD	power spectra density
psi	Pounds per square inch
RAI	request for additional information
RANS	Reynolds-averaged Navier-Stokes
RAT	reserve auxiliary transformer
RBV	reactor building vibration
RG	regulatory guide
RMS	root mean square
rpm	revolutions per minute
RPV	reactor pressure vessel
RSD	replacement steam dryer
RWCU	reactor water cleanup
SDC	shutdown cooling
SDMP	steam dryer monitoring plan
SF	singularity factors
SER	safety evaluation report
SFSQ	spent fuel seismic qualification
SLC	standby liquid control
SMT	scale model test
SRP	Standard Review Plan
SRSS	square root of the sum of the squares
SRV	safety relief valve
SS	stainless steel
SSC	structures, systems, and components
SSE	safe shutdown earthquake
SSES	Susquehanna Steam Electric Station
SV	safety valve
TB	turbine building
UAT	unit auxiliary transformer
VY	Vermont Yankee Nuclear Power Station
VPF	vane passing frequency