

Appendix C Abbreviations and Acronyms

Abbreviation	Definition
1D	One-Dimensional
2D	Two-Dimensional
2RPT	Dual Recirculation Pump Trip
3D	Three-Dimensional
3D MONICORE	General Electric/Global Nuclear Fuels Core Monitoring Software
AA78	Void Quality Correlation
ABB	ASEA Brown-Boveri (now Westinghouse Electric Company)
ABWR	Advanced Boiling-Water Reactor
ANS	American Nuclear Society
AOO	Anticipated Operational Occurrence
APRM	Average Power Range Monitor
ARMA	Autoregressive Moving Average
AS16/01	Steam Separator Tests
ATRIUM	AREVA Fuel Design Designation
ATWS	Anticipated Transient Without SCRAM
BISON	a One-Dimensional Transient Analysis Code
BNL	Brookhaven National Laboratory
BOC	Beginning of Cycle
BOP	Balance of Plant
BPWS	Banked Position Withdrawal Sequence
BSP	Backup Stability Protection
BWR	Boiling Water Reactor
BWROG	Boiling Water Reactor Owners' Group
C	centigrade
C#	Cycle #
CCFL	Countercurrent Flow Limit
CENP	Combustion Engineering Nuclear Power (now Westinghouse Electric Company)
CFR	Code of Federal Regulations
CLTF	Closed Loop Transfer Function
CLTP	Currently Licensed Thermal Power
[]	[]
CPR	Critical Power Ratio
CRDA	Control Rod Drop Accident
CZP	Cold Zero Power
DCD	Design Control Document
DF01/02	Dix Findlay Void Quality Correlation 1 or 2
DIVOM	Delta Critical Power Ratio versus Oscillation Magnitude
DR	Decay Ratio
DSS	Detect and Suppress Solution

Abbreviation	Definition
ECCS	Emergency Core Cooling System
EIA	Enhanced I-A
ENDF	Evaluated Nuclear Data File
EOC	End of Cycle
EPRI	Electric Power Research Institute
EPU	Extended Power Uprate
EPU/MELLLA	EPU with a MELLLA High Flow Control Line
EPU/MELLLA+	EPU with a MELLLA+ Flow Control Window
ESBWR	Economic Simplified Boiling Water Reactor
FCW	Flow Control Window
FGR	Fission Gas Release
[]	Test Facility
FMCRD	Fine Motion Control Rod Drive
FRIGG	Test Facility
FSAR	Final Safety Analysis Report
FSER	Final Safety Evaluation Report
GDC	General Design Criterion
GE	General Electric (now GE Hitachi)
GNF	Global Nuclear Fuels
GOBLIN	A Thermal-Hydraulics Code
GWD/MT or GWD/T	Gigawatts-Days per Metric Tonne
H	high
H#	Heat Transfer Coefficient Correlation #
HELIOS	a Lattice Physics Code
HFCL	High Flow Control Line
HFP	Hot Full Power
HPCF	High Pressure Core Flooder
ICA	Interim Corrective Action
ICF	Increased Core Flow
ICS	Isolation Condenser System
ID	inside diameter
INEL	Idaho National Laboratory (now INL)
J	joule
K	Kelvin
kg	kilogram
[]	[]
L	low
LAPUR	a Frequency Domain Stability Code
LHGR	Linear Heat Generation Rate
LOCA	Loss of Coolant Accident
LOFW	Loss of Feedwater

Abbreviation	Definition
LOFWH	Loss of Feedwater Heat
LPCF	Low Pressure Core Flooder
LPRM	Local Power Range Monitor
LTP	Licensed Thermal Power
LTS	Long Term Stability Solution
LWR-PROTEUS	a Physics Test
m	meter
M	medium
MAPLHGR	Maximum Average Planar Linear Heat Generation Rate
MATPRO	Materials Properties Database
MCNP	Monte Carlo N Particle
MCPR	Minimum Critical Power Ratio
MELLLA	Maximum Extended Load Line Limit Analysis
MELLLA+	Maximum Extended Load Line Limit Analysis Plus
MEOD	Maximum Extended Operating Domain
Mlbm	Million pounds mass
MLHGR	Maximum Linear Heat Generation Rate
MOC	Middle of Cycle
MOX	Mixed Oxide
Mpa	megapascal
msec	milliseconds
MSIV	Main Steam Isolation Valve
MWth	Megawatt Thermal
NCL	Natural Circulation Line
NEA	Nuclear Energy Agency
NRC	Nuclear Regulatory Commission
OD	outside diameter
ODYNA	GE ODYN code for ABWR
OECD	Organisation for Economic Co-operation and Development
[]	[]
OLTF	Open Loop Transfer Function
OLTP	Originally Licensed Thermal Power
OPRM	Oscillation Power Range Monitor
P	Proportional (controller)
PANTHER 4X4	Benchmark Problem
PARA	a Steam Line Code
PARCS	Purdue Core Simulator
PB2	Peach Bottom Unit 2
pcm	per cent mille
PHOENIX	a Lattice Physics Code
PI	Proportional Integral (controller)

Abbreviation	Definition
TIP	Traversing In-core Probe
T-M	Thermal-Mechanical
TRACE	TRAC RELAP Advanced Computational Engine
TR	Topical Report
TRX	Criticality Test Facility
TS	Technical Specifications
TT	Turbine Trip
[]	[]
um	micron
Westinghouse	Westinghouse Electric Company
w/o	Weight Percentage
WRSE	Westinghouse Reload Safety Evaluation