

CHAPTER 7
INSTRUMENTATION AND CONTROL

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LIST OF ACRONYMS

AFAS	Auxiliary Feedwater Actuation System
AFW	Auxiliary Feedwater
ATWS	Anticipated Transient Without Scram
BGE	Baltimore Gas and Electric Company
CB	Check Valve Bypass
CCW	Component Cooling Water
CE	Combustion Engineering, Inc.
CEA	Control Element Assembly
CEDM	Control Element Drive Mechanism
CEDS	Control Element Drive System
CET	Core Exit Thermocouple
CFR	Code of Federal Regulations
CIS	Containment Isolation Signal
CMI	CEA Motion Inhibits
CRS	Containment Radiation Signal
CRT	Cathode Ray Tube
CSAS	Containment Spray Actuation Signal
CSF	Critical Safety Functions
CVCIS	Chemical and Volume Control Isolation Signal
d/p	Differential Pressure
DAS	Data Acquisition System
DEV	Deviation Alarm
DNB	Departure From Nucleate Boiling
DNBR	Departure From Nucleate Boiling Ratio
DSS	Diverse Scram System
DTT	Diverse Turbine Trip
ECCS	Emergency Core Cooling System
EHC	Electro-Hydraulic Control
ERGO	Excessive Regulatory Group Overlap
ESF	Engineered Safety Feature
ESFAS	Engineered Safety Feature Actuation System
ET	Emergency Trip
ETS	Emergency Trip Signal
FCR	Facility Change Request
HJTC	Heated Junction Thermocouple
HPSI	High Pressure Safety Injection
ICC	Inadequate Core Cooling
ICCI	Inadequate Core Cooling Instrumentation
ICI	Incore Instrumentation
IEB	Inspection and Enforcement Bulletin
IEEE	Institute of Electrical and Electronic Engineers
LOCA	Loss-of-Coolant Accident
LOCI	Loss-of-Coolant Incident
LPSI	Low Pressure Safety Injection
MFIV	Main Feedwater Isolation Valve
MIRG	Shutdown Group Insertion Interlock
MISH	Regulating Group Withdrawal Interlock

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LIST OF ACRONYMS

MSIV	Main Steam Isolation Valve
MSLB	Main Steam Line Break
MSR	Moisture Separator Reheaters
NRC	Nuclear Regulatory Commission
NSSS	Nuclear Steam Supply System
OOS	Out-of-Sequence
OPC	Overspeed Protection Control
PA	Public Address
PAM	Post-Accident Monitoring
PDIL	Power Dependent Insertion Limit
PORV	Power-Operated Relief Valve
Q-List	Quality-List
RAS	Recirculation Actuation Signal
RCP	Reactor Coolant Pump
RCS	Reactor Coolant System
RPS	Reactor Protective System
RPSCIP	Reactor Protective System Calibration and Indication Panel
RTD	Resistance Temperature Detector
RVLMS	Reactor Vessel Level Monitoring System
RWT	Refueling Water Tank
SCMM	Subcooled Margin Monitor
SER	Safety Evaluation Report
SG	Steam Generator
SGIS	Steam Generator Isolation Signal
SIAS	Safety Injection Actuation Signal
SPDS	Safety Parameter Display System
SRW	Service Water
TDM	Testable Dump Manifold
TM/LP	Thermal Margin/Low Pressure
TMR	Triple Modular Redundant
TSC	Technical Support Center
UFSAR	Updated Final Safety Analysis Report