



Acronyms List

ACS	Active Cooling System	DFC	Depressurized Forced Cooling
AMS	Activity Measurement System	DiD	Defense-in-Depth
AOO	Anticipated Operational Occurrence	DLOFC	Depressurized Loss of Forced Cooling
BDBE	Beyond Design Basis Event	DPP	Demonstration Power Plant
BUMS	Burn-up Measurement System	DSRS	Dry Gas Seal Supply and Recovery System
CBCS	Core Barrel Conditioning System	EPCC	Equipment Protection Cooling Circuit
CCS	Core Conditioning System	EPS	Equipment Protection System
CFRC	Carbon Fiber Reinforced Composite	FHSS	Fuel Handling and Storage System
CRS	Control Rod Scram	FIMA	Fissions per Initial Metal Atom
CS	Core Structures	FMEA	Failure Modes and Effects Analysis
CSC	Core Structure Ceramics	HICS	Helium Inventory Control System
CUD	Core Unloading Device	HMS	Helium Make-up System
DBE	Design Basis Event	HPB	Helium Pressure Boundary
DCA	Design Certification Application	HPS	Helium Purification System
DCD	Design Control Document	HTGR	High Temperature Gas Reactor



Acronyms List

HX	Heat Exchanger	PLOFC	Pressurized Loss of Forced Cooling
HVAC	Heating, Ventilation and Air-Conditioning	PRS	Pressure Relief System
ICS	Inventory Control System	PTG	Power Turbine-Generator
LBE	Licensing Basis Event	RCCS	Reactor Cavity Cooling System
LOFC	Loss of Forced Cooling	RCS	Reactivity Control System
MCR	Maximum Continuous Rating	RCSS	Reactivity Control and Shutdown System
MCRI	Maximum Continuous Rating Inventory	ROT	Reactor Outlet Temperature
MDSS	Manual Diverse Shutdown System	RPS	Reactor Protection System
MHSS	Main Heat Sink System	RPV	Reactor Pressure Vessel
MM	Multi-Module	RSS	Reserve Shutdown System
MPS	Main Power System	SAS	Small Absorber Spheres
OCS	Operational Control System	SFC	Static Frequency Converter
PB	Pressure Boundary	SMS	Seismic Monitoring System
PCU	Power Conversion Unit	SSC	Structure, System, Component
PLICS	Primary Loop Initial Clean-up System	TGS	Turbo-Generator Set