

Appendix B Abbreviations and Acronyms Used in the ABWR Certified Design Material

~~The information in this appendix of the reference ABWR DCD is incorporated by reference with no departures or supplements.~~

STD DEP T1 3.4-1

ABS	Absolute	CFCAE	Condensate Feedwater and Condensate Air Extraction
AC	Alternating Current	CFS	Condensate and Feedwater System
AC	Atmospheric Control	CID	Control Interface Diagram
ADS	Automatic Depressurization System	CIV	Combined Intermediate Valve
AFPC	Augmented Fuel Pool Cooling	CMP	Configuration Management Plan
AMB	Ambient	CMU	Control Room Multiplexing Unit
ATLM	Automated Thermal Limit Monitor	COL	Combined Operating License
APR	Automatic Power Regulator	CPS	Condensate Purification System
APRM	Average Power Range Monitor	CRD	Control Rod Drive
ARD	Anti-Rotation Device	CRDHS	Control Rod Drive Hydraulic System
ARI	Alternate Rod Insertion	CRGT	Control Rod Guide Tube
ARM	Area Radiation Monitoring	CRHA	Control Room Habitability Area
AS	Turbine Auxiliary Steam System	CS	Containment Spray
ASD	Adjustable Speed Drive	CST	Condensate Storage Tank
ASME	American Society of Mechanical Engineers, Boiler and Pressure Vessel Code	CTG	Combustion Turbine Generator
Code		CUW	Reactor Water Cleanup
ATWS	Anticipated Transient Without Scram	CV	Check Valve
BLDG	Building	CV	Control Valve
C&I	Control and Instrumentation	CVCF	Constant Voltage Constant Frequency
C/B	Control Building	CW	Circulating Water
CBSREA	Control Building Safety-Related Equipment Area	DC	Direct Current
C/C	Cooling Coil	DEPSS	Drywell Equipment and Piping Support Structure
CAMS	Containment Atmospheric Monitoring System	DG	Diesel Generator, Emergency
		DIV	Division

D/S	Dryer and Separator	HNCW	HVAC Normal Cooling Water
DTM DTF	Digital Trip Modules <u>Function</u>	HPCF	High Pressure Core Flooder
DWC	Drywell Cooling	HPIN	High Pressure Nitrogen Gas Supply
E/B	Electrical Building	HSI	Human-System Interfaces
EAB	Exclusion Area Boundary	HVAC	Heating, Ventilating, and Air Conditioning
EAROM	Electrically-Alterable Read-Only Memory	HWH	Hot Water Heating
ECCS	Emergency Core Cooling System	HX	Heat Exchanger
EDG	Emergency Diesel Generator	IA	Instrument Air
EMC	Electromagnetic Compatibility	ICGT	In-Core Guide Tube
EMI	Electromagnetic Interference	I&C	Instrumentation and Control
EMSECF	Essential Multiplexing-System <u>Communication Function</u>	INST	Instrumentation
EPD	Electrical Power Distribution	ISLOCA	Intersystem Loss-of-Coolant Accident
ESD	Electrostatic Discharge	ISI	In-Service Inspection
ESF	Engineered Safety Feature	ITAAC	Inspection, Tests, Analyses, and Acceptance Criteria
FCS	Flammability Control System	ITP	Initial Test Program
FCU	Fan Coil Unit	IV	Intercept Valve
FDWC	Feedwater Control	ISV	Intercept Stop Valve
FIV	Flow-Induced Vibration	LCP	Local Control Panels
FMCRD	Fine Motion Control Rod Drive	LCW	Low Conductivity Waste
FP	Fire Protection	LD	Load Driver
FPC	Fuel Pool Cooling and Cleanup	LDS	Leak Detection and Isolation System
FPS	Fire Protection System	LOCA	Loss-of-Coolant Accident
FW	Feedwater	LOPP	Loss of Preferred Power
GL	Grade Level	LPFL	Low Pressure Core Flooder
GSC	Gland Seal Condenser	LPMS	Loose Parts Monitoring System
HAZ	Heat-Affected Zone	LPRM	Local Power Range Monitor
HCU	Hydraulic Control Unit	LPZ	Low Population Zone
HCW	High Conductivity Waste	LSPS	Lighting and Servicing Power Supply
HECW	HVAC Emergency Cooling Water	MC	Main Condenser
HEPA	High Efficiency Particulate Air	M/C	Metal-Clad
HFE	Human Factors Engineering		

MCAE	Main Control Area Envelope	PCHS	Power Cycle Heat Sink
MCC	Motor Control Center	PCS	Primary Containment System
MCES	Main Condenser Evacuation System	PIP	Plant Investment Protection
MCR	Main Control Room	PMG	Plant Main Generator
MCRP	Main Control Room Panels	PRM	Process Radiation Monitoring
MG	Motor Generator	PROM	Programmable Read-Only Memory
MOV	Motor-Operated Valve	PS	Pipe Space
MPT	Main Power Transformer	PSW	Potable and Sanitary Water
MRBM	Multi-Channel Rod Block Monitor	R/B	Reactor Building
MS	Main Steam	RAT	Reserve Auxiliary Transformer
MSIV	Main Steam Isolation Valve	RCCV	Reinforced Concrete Containment Vessel
MSL	Main Steamline	RCIC	Reactor Core Isolation Cooling
MTSV	Main Turbine Stop Valve	RCIS	Rod Control and Information System
MT	Main Turbine	RCPB	Reactor Coolant Pressure Boundary
MUWC	Make Up Water (Condensate)	RCW	Reactor Building Cooling Water
MUWP	Make Up Water (Purified)	RFC	Recirculation Flow Control
MWP	Makeup Water Preparation	RFI	Radio Frequency Interference
NBS	Nuclear Boiler System	RHR	Residual Heat Removal
NEMS NECF	Non-Essential Multiplexing-System Non-Essential Multiplexing-System Communication Function	RHX	Regenerative HX
NMS	Neutron Monitoring System	RIP	Reactor Internal Pump
NPSH	Net Positive Suction Head	RMU	Remote Multiplexing Unit
NRHX	Non-Regenerative HX	RPS	Reactor Protection System
NSD	Non-Radioactive Storm Drain	RPV	Reactor Pressure Vessel
OGS	Off-Gas System	RRS	Reactor Recirculation System
OLU	Output Logic Unit	RSS	Remote Shutdown System
OPRM	Oscillating Power Range Monitor	RSW	Reactor Service Water
OSC	Operational Support Center	RW/B	Radwaste Building
OST	Oil Storage and Transfer	RX	Reactor
P/C	Power Center	S/B	Service Building
PASS	Post-Accident Sampling System	S/P	Suppression Pool
		SA	Service Air

SAM	Sampling System	TLU <u>TLF</u>	Trip Logic Unit Function
SB&PC	Steam Bypass and Pressure Control	TMSL	Typical Mean Sea Level Elevation
SC	Shutdown Cooling	TN	Transmission Network
SCRR1	Selected Control Rod Run-In	TSC	Technical Support Center
SD	Storm Drain	TSW	Turbine Service Water
SD	Smoke Detector	UAT	Unit Auxiliary Transformers
SDC	Shutdown Cooling	UHS	Ultimate Heat Sink
SGTS	Standby Gas Treatment System	USE	Upper-Shelf Energy
SJAE	Steam Jet Air Ejectors	V&V	Verification and Validation
SIT	Structural Integrity Test		
SLC	Standby Liquid Control		
SLUSLF	Safety System Logic Unit Function		
SMP	Software Management Plan		
S/P	Suppression Pool		
SPC	Suppression Pool Cooling		
SPCU	Suppression Pool Cleanup		
SPTM	Suppression Pool Temperature Monitoring		
SRNM	Startup Range Neutron Monitor		
SRV	Safety/Relief Valve		
SSE	Safe Shutdown Earthquake		
SSLC	Safety System Logic and Control		
SSPV	Scram Solenoid Pilot Valve		
STP	Simulated Thermal Power		
SWC	Surge Withstand Capability		
T/B	Turbine Building		
TB	Turbine Bypass		
TBS	Turbine Bypass System		
TCW	Turbine Building Cooling Water		
TD	Tornado Damper		
TDH	Total Developed Head		
TGS	Turbine Gland Seal		