

List of Abbreviations and Acronyms

AAQS	Ambient Air Quality Standards	EIS	Environmental Impact Statement
ABWR	Advanced Boiling Water Reactor	EPA	Environmental Protection Agency
ACAR	Aluminum Conductor Aluminum Reinforced	EPGA	Effective Peak Ground Acceleration
AEC	U.S. Atomic Energy Commission	EPRI	Electric Power Research Institute
AEP	American Electric Power	EPZ	Emergency Planning Zone
AM	Area Merit	ER	Environmental Report
AP1000	Advanced Pressurized Water Reactor (1000 MW)	ESP	Early Site Permit
AP600	Advanced Pressurized Water Reactor (600 MW)	FEIS	Final Environmental Impact Statement
APT	Accelerator for the Production of Tritium	FEMA	Federal Emergency Management Agency
ASLB	Atomic Safety and Licensing Board	FFA	Federal Facility Agreement
BOP	Balance of Plant	FOAKE	First-Of-A-Kind Engineering
CAA	Clean Air Act	GE	General Electric
CDM	Critical Design Manual	GIS	Gas-Insulated Switchgear
CERCLA	Comprehensive Environmental Response, Compensation, and Liability Act	GSU	Generator Step-Up
CG&E	Cincinnati Gas & Electric	GT-MHR	Gas Turbine-Modular Helium Reactor
CO	Carbon Monoxide	HC	Hydrocarbons
COL	Combined License	HIWMA	Hog Island Wildlife Management Areas
CUP	Conditional Use Permit	HMR	Hydrometeorological Reports
CZMA	Coastal Zone Management Area	INEEL	Idaho National Engineering and Environmental Laboratory
DBA	Design Basis Accident	IPEEE	Individual Plant Examination of External Events
DBE	Design Basis Earthquake	IRIS	International Reactor Innovative and Secure
DOE	U.S. Department of Energy	ISFSI	Independent Spent Fuel Storage Installation
EAB	Exclusion Area Boundary	ITAAC	Inspections, Tests, Analyses, and Acceptance Criteria
EBE	Evaluation Basis Earthquake	LLNL	Lawrence Livermore National Laboratory
EBR-1	Experimental Breeder Reactor Number 1	LOCA	Loss of Coolant Accident
ECAR	East Central Area Reliability Coordination Agreement of the North American Electric Reliability Council	LOS	Level of Service
		LPZ	Low Population Zone

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LQG	Large Quantity Generator	PPE	Plant Parameters Envelope
MOX	Mixed Oxide	PRESS	Piketon Portsmouth Residents for Environmental Safety and Security
MSL	Mean Sea Level	PSAR	Preliminary Safety Analysis Report
N&S	Norfolk and Southern (Railroad)	PSHA	Probabilistic Seismic Hazard Analysis
NAAQS	National Ambient Air Quality Standards	QAP	Quality Assurance Program
NAPS	North Anna Power Station	RCRA	Resource Conservation and Recovery Act
NCDC	National Climatological Data Center	RCRIS	Research Conservation and Recovery Act Information System
NEI	Nuclear Energy Institute	ROI	Region of Interest
NGVD	National Geodetic Vertical Datum	ROW	Right-Of-Way
NOAA	National Oceanic and Atmospheric Administration	SCE&G	South Carolina Electric & Gas
NO _x	Nitrogen Oxides	SM	Site Merit
NPDES	National Pollutant Discharge Elimination System	SODI	Southern Ohio Diversification Initiative
NPL	National Priority List	SPS	Surry Power Station
NPR	New Production Reactor	SR	State Route
NRC	U.S. Nuclear Regulatory Commission	SRS	Savannah River Site
NRHP	National Register of Historic Places	SSAR	Standard Safety Analysis Report Site Safety Analysis Report
NUG	Non-Utility Generator	SSE	Safe Shutdown Earthquake
NWS	National Weather Service	TEDE	Total Effective Dose Equivalent
OECD	Organization for Economic Cooperation and Development	UFSAR	Updated Final Safety Analysis Report
OVEC	Ohio Valley Electric Corporation	UHS	Ultimate Heat Sink
PBMR	Pebble Bed Modular Reactor	USGS	U.S. Geological Survey
PC-4	Performance Category 4	VACAR	Virginia-Carolina Subregion of the Southeastern Electric Reliability Council
PGA	Peak Ground Acceleration	VPDES	Virginia Pollutant Discharge Elimination System
PM	Particulate Matters	WHTF	Waste Heat Treatment Facility
PMF	Probable Maximum Flood		
PMH	Probable Maximum Hurricane		
PMP	Probable Maximum Precipitation		