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LIST OF ACRONYMS

µg	micrograms
µm	micrometers
AAQS	Ambient Air Quality Standards
ANSI	American National Standard Institute
bgs	below ground surface
BACT	Best Available Control Technology
BMP	Best Management Practices
Btu	British thermal units
CAA	Clean Air Act
CDS	Comprehensive Demonstration Study
CFB	circulating fluidized bed
CFR	Code of Federal Regulations
cfs	cubic feet per second
CO	carbon monoxide
CO ₂	carbon dioxide
CR3	Crystal River Unit 3
CREC	Crystal River Energy Complex
db	decibel
dba	A-weighted decibel
DMR	Discharge Monitoring Report
EMS	Emergency Medical Services
EPA	U.S. Environmental Protection Agency
ERP	Environmental Resource Permit
ESP	electrostatic precipitator
°F	Degree Fahrenheit
FAA	Federal Aviation Authority
F.A.C.	Florida Administrative Code
FAS	Florida Aquifer System
FDACS	Florida Department of Agriculture and Consumer Affairs
FDEP	Florida Department of Environmental Protection
FDOT	Florida Department of Transportation
FEMA	Federal Emergency Management Association
FEPPSA	Florida Electric Power Plant Siting Act
FES	Final Environment Statement
FGD	Flue gas desulfurization
FLUCFCS	Florida Land Use, Cover and Forms Classification System
FNAI	Florida Natural Areas Inventory
fps	feet per second
FR	Federal Register
ft	feet
FWC	Florida Fish and Wildlife Conservation Commission
gpd	gallons per day
gpm	gallons per minute
HAPs	Hazardous air pollutants
HCT	Helper Cooling Tower
HRSG	Heat Recovery Steam Generator
Hz	Hertz
IAS	Intermediate Aquifer System

kg	kilograms
kV	kilovolt
L ₁₀	sound pressure level which is exceeded ten percent of the time
L _{eq}	equivalent sound pressure level
L _n	sound pressure level which is exceeded n percent of the time
lb/MMBtu	pounds per million British thermal unit
lb/MW-hr	pounds per megawatt hour
LFA	Lower Floridan Aquifer
LNB	low-NO _x burners
MAF	minimum absolute flow
MGD	million gallons per day
m ³	cubic meter
mm	millimeter
msl	mean sea level
MW	megawatt
MWh	Megawatt hour
MWe	Megawatt electrical
NAAQS	National Ambient Air Quality Standards
NEPA	National Environmental Policy Act
NGVD	national geodetic vertical datum
NO _x	Nitrous oxide
NO ₂	Nitrogen dioxide
NPDES	National Pollutant Discharge Elimination System
NRC	Nuclear Regulatory Commission
NSPS	New Source Performance Standards
NWA	National Wilderness Area
NWS	National Weather Service
O ₃	ozone
OFW	Outstanding Florida Waterway
Pb	lead
PD&E	Project Development and Environment
PEF	Progress Energy Florida
POD	Point of Discharge
PPSA	Power Plant Siting Act
ppt	parts per thousand
PM	particulate matter
PM ₁₀	Particulate matter less than 10 microns
PM _{2.5}	Particulate matter less than 2.5 microns
ppm	parts per million
PSC	Florida Public Service Commission
PSD	Prevention of significant deterioration
PUD	Planned Unit Development
RFP	Request for Proposal
SCA	Site Certification Application
SCR	Selective catalytic reduction
SER	significant emissions rates
SGRP	Steam Generator Replacement Project
SPCC	Spill Prevention and Countermeasure Plan
SPL	sound pressure level
SO ₂	sulfur dioxide

SO ₃	sulfur trioxide
SWFWMD	Southwest Florida Water Management District
TCU	Transportation, Communities and Utilities
TDS	Total Dissolved Solids
TMDL	Total Maximum Daily Load
TPY	tons per year
TV	Title V
UFA	Upper Florida Aquifer
U.S.	United States
USACE	U.S. Army Corps of Engineers
USFWS	U.S. Fish and Wildlife Service
USGS	U.S. Geological Survey
VOC	Volatile organic compounds