

CHAPTER 6

6. SUPPORTING INFORMATION

6.1. Literature Cited

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6.2. Acronyms, Symbols, and Abbreviations

>	Greater Than
AA	Adipic Acid
ADT	Average Daily Traffic
BAP	Bottom Ash (Boiler Slag) Pond
BMP	Best Management Practice
BRF	Bull Run Fossil Plant
CAA	Clean Air Act
CCB	Coal Combustion Byproduct
CO	Carbon Monoxide
COF	Colbert Fossil Plant
dB	Decibel
dBA	A-weighted Decibel Scale
DBA	Dibasic Acid
DSN	Discharge Serial Number
EA	Environmental Assessment
EO	Executive Order
ESP	Electrostatic Precipitator
FICON	Federal Interagency Committee on Noise
FONSI	Finding of No Significant Impact
FGD	Flue Gas Desulfurization
gpm	Gallons per Minute
H ₂ SO ₄	Sulfuric Acid
IC ₂₅	An estimate of the effluent concentration which reduces growth by 25 percent of the test organisms in the time period prescribed by the test, expressed as the IC25
ISCST3	Industrial Source Complex 3 - a USEPA-approved model used to estimate air pollutant concentrations
KDOW	Kentucky Division of Water
IBI	Index of Biotic Integrity
JCAP	Jacobs Creek Ash Pond
KIF	Kingston Fossil Plant
km	Kilometer
KPDES	Kentucky Pollutant Discharge Elimination System
kV	Kilovolt
kWh	Kilowatt Hour
L	Liter
lb	Pound
lb/hr	Pounds per Hour

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LC₅₀	An estimate of the effluent concentration which is lethal to 50 percent of the test organisms in the time period prescribed by the test, expressed as the LC50
L_{dn}	Day-Night Average Sound Level
LOS	Level of Service
L/G	Liquid-to-Gas
LSFO	Limestone Forced Oxidation Scrubbing
m	Meter
MBI	Macroinvertebrate Bioassessment Index
MCL	Maximum Contaminant Level
mg	Milligram
mgd	Million Gallons per Day
mg/m³	Milligram per Cubic Meter
mg/L	Milligram per Liter
MBtu	Millions of British thermal units
MW	Megawatt
MWh	Megawatt Hour
NAAQS	National Ambient Air Quality Standards
NAPAP	National Acid Precipitation Assessment Program
NEPA	National Environmental Policy Act
NHPA	National Historic Preservation Act
NO₂	Nitrogen Dioxide
NO_x	Nitrogen Oxide
NPDES	National Pollutant Discharge Elimination System
NRHP	National Register of Historic Places
O₃	Ozone
P&L	Paducah and Louisville Railroad
PAF	Paradise Fossil Plant
Parkway	Western Kentucky Parkway
Pb	Lead
pH	Standard Unit of Acidity
PM	Particulate Matter
PM_{2.5}	Particulate Matter Whose Particles are Less Than or Equal to 2.5 micrometers
PM₁₀	Particulate Matter Whose Particles are Less Than or Equal to 10 micrometers
ppm	Parts per Million
RFP	Request for Proposals
SAMI	Southern Appalachian Mountains Initiative
SCR	Selective Catalytic Reduction
SHPO	State Historic Preservation Officer
SO₂	Sulfur Dioxide

SPL	Sound Pressure Level
SR	State Route
s.u.	Standard Unit
TVA	Tennessee Valley Authority
mg/m³	Micrograms per Cubic Meter
USACE	United States Army Corps of Engineers
USEPA	United States Environmental Protection Agency
USGS	United States Geological Survey
WET	Whole Effluent Toxicity
WMA	Wildlife Management Area