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ACRONYMS AND ABBREVIATIONS

°C	degrees Celcius
°F	degrees Farenheit
BEA	U.S. Bureau of Economic Analysis
BGL	British Gas Lurgi
CAA	<i>Clean Air Act</i>
CCT	Clean Coal Technology
CCT PEIS	<i>Clean Coal Technology Programmatic Environmental Impact Statement</i>
CEQ	Council on Environmental Quality
CFR	Code of Federal Regulations
CO	carbon monoxide
CO ₂	carbon dioxide
COS	carbonyl sulfide
CT	combustion turbine
dB	decibel
dba	“A-weighted” decibel
dbc	“C-weighted” decibel
DOE	U.S. Department of Energy
EA	environmental assessment
EIS	environmental impact statement
EIV	environmental information volume
EKPC	East Kentucky Power Cooperative
EMF	electric and magnetic fields
EPA	U.S. Environmental Protection Agency
EPCRA	<i>Emergency Planning and Community Right-to-Know Act</i>
ER	Environmental Report
FAA	Federal Aviation Administration
FONSI	finding of no significant impact
FR	<i>Federal Register</i>
GE	General Electric
H ₂	hydrogen gas
H ₂ S	hydrogen sulfide
IGCC	integrated gasification combined cycle
J.K. Smith EIS	<i>Final Environmental Impact Statement J.K. Smith Power Station Units 1 and 2</i>
KAR	Kentucky Administrative Regulations
KDEP	Kentucky Department of Environmental Protection
KHC	Kentucky Heritage Council
KPDES	Kentucky Pollutant Discharge Elimination System
KPE	Kentucky Pioneer Energy, L.L.C.
KRS	Kentucky Revised Statutes
kV	kilovolt
L _{dn}	day-night average sound level
L _{eq}	equivalent noise levels
mG	milligauss
MGD	million gallons per day
MLD	million liters per day
MM	Modified Mercalli Index
MP	milepost
MSW	Municipal Solid Waste
MW	megawatt
N ₂	nitrogen gas
NAAQS	National Ambient Air Quality Standards
NAGPRA	<i>Native American Graves Protection and Repatriation Act</i>
NEPA	<i>National Environmental Policy Act</i>

NESHAP	National Emission Standards for Hazardous Air Pollutant
NHPA	<i>National Historic Preservation Act</i>
NIEHS	National Institute of Environmental Health Services
NOI	Notice of Intent
NO _x	oxides of nitrogen
NPDES	<i>National Pollutant Discharge Elimination System</i>
NRHP	National Register of Historic Places
NSPS	New Source Performance Standards
NSR	New Source Review
O ₂	oxygen gas
OSHA	Occupational Safety and Health Administration
PCB	polychlorinated biphenyl
PM _{2.5}	fine particulate matter
PM ₁₀	inhalable particulate matter
PPM	parts per million
PSD	prevention of significant deterioration
psig	pounds per square inch-gauge
RCRA	<i>Resource Conservation and Recovery Act</i>
RDF	refuse derived fuel
REA	Rural Electrification Agency
ROD	Record of Decision
ROG	reactive organic compounds
ROI	region of influence
RUS	U.S. Department of Agriculture's Rural Utility Service
SHPO	State Historic Preservation Officer
SIP	State Implementation Plan
SO ₂	sulfur dioxide
SO _x	sulfur oxides
SPCC	Spill Prevention, Control, and Countermeasure
syngas	synthesis gas
<u>TCLP</u>	<u>Toxicity Characteristic Leaching Procedure</u>
TCP	Traditional Cultural Property
TPD	tons per day
TPY	tons per year
USACE	U.S. Army Corps of Engineers
USC	United States Code
USFWS	U.S. Fish and Wildlife Service

UNITS CONVERSION GUIDE

To Convert Into Metric			To Convert Into English		
If You Know	Multiply By	To Get	If You Know	Multiply By	To Get
Length					
inch	2.54	centimeter	centimeter	0.3937	inch
feet	30.48	centimeter	centimeter	0.0328	feet
feet	0.3048	meter	meter	3.281	feet
yard	0.9144	meter	meter	1.0936	yard
mile	1.60934	kilometer	kilometer	0.62414	mile (Statute)
Area					
square inch	6.4516	square centimeter	square centimeter	0.155	square inch
square feet	0.092903	square meter	square meter	10.7639	square feet
square yard	0.8361	square meter	square meter	1.196	square yard
acre	0.40469	hectare	hectare	2.471	acre
square mile	2.58999	square kilometer	square kilometer	0.3861	square mile
Volume					
fluid ounce	29.574	milliliter	milliliter	0.0338	fluid ounce
gallon	3.7854	liter	liter	0.26417	gallon
cubic feet	0.028317	cubic meter	cubic meter	35.315	cubic feet
cubic yard	0.76455	cubic meter	cubic meter	1.308	cubic yard
Weight					
ounce	28.3495	gram	gram	0.03527	ounce
pound	0.45360	kilogram	kilogram	2.2046	pound
short ton	0.90718	metric ton	metric ton	1.1023	short ton
long ton	1.016	metric ton	metric ton	0.9843	long ton
Force					
dyne	0.00001	newton	newton	100,000	dyne
Temperature					
Fahrenheit	Subtract 32 then multiply by 5/9ths	Celsius	Celsius	Multiply by 9/5ths, then add 32	Fahrenheit