

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