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LIST OF ACRONYMS

A/C	air-to-cloth ratio
acf m	actual cubic feet per minute
AHPC	advanced hybrid particulate collector
APS	aerodynamic particle sizer
CAAAs	Clean Air Act Amendments of 1990
CEQ	Council on Environmental Quality
CFR	Code of Federal Regulations
COHPAC	compact hybrid particulate collector
CO	carbon monoxide
DENR	Department of Environment and Natural Resources (South Dakota)
DOE	U.S. Department of Energy
EA	Environmental Assessment
EERC	Energy & Environmental Research Center (University of North Dakota)
EPA	U.S. Environmental Protection Agency
ESP	electrostatic precipitator
°F	temperature in Fahrenheit degrees
ft	feet (or foot)
ft/min	feet per minute
ft/s	feet per second
gpm	gallons per minute
gr/acf	grains per actual cubic foot
gr/scf	grains per standard cubic foot
HAP(s)	Hazardous Air Pollutant(s)
in	inch(es)
kW	kilowatts
lb	pound
MW	megawatts
MWh	megawatt hours
NAAQS	National Ambient Air Quality Standards
NEPA	National Environmental Policy Act
NESHAPs	National Emission Standards for Hazardous Air Pollutants
NETL	National Energy Technology Laboratory (DOE)
NO ₂	nitrogen dioxide
NO _x	nitrogen oxides
NRHP	National Register of Historic Places
NSPS	New Source Performance Standards
OTPC	Otter Tail Power Company
Pb	lead
PCB	polychlorinated biphenyl
PJBH	pulse-jet baghouse
PM	particulate matter
PM _{2.5}	particulate matter less than 2.5 micron aerodynamic diameter
PM ₁₀	particulate matter less than 10 micron aerodynamic diameter
PSD	Prevention of Significant Deterioration
scfm	standard cubic feet per minute
SIP	State Implementation Plan