Abbreviations and Acronyms Used in this Report

ACC Antelope Coal Company

ANC acidification neutralization capacity

ac-ft acre-foot, acre-feet

ac-ft/yr acre-foot per year, acre-feet per year

AQRV air quality related values ARCO Atlantic Richfield Company

AREV SEO water rights database and program

AVF alluvial valley floor

BACT best available control technology

bcy bank cubic yards

BLM Bureau of Land Management BN-UP, BN&UP Burlington Northern-Union Pacific

B.P. before present

Btu British thermal units

Btu/lb British thermal units per pound

CBM coal bed methane

CERCLA Comprehensive Environmental Response, Compensation, and

Liability Act of 1980

CFR Code of Federal Regulations

CHIA Cumulative Hydrologic Impact Assessment

CO carbon monoxide

COE U.S. Army Corps of Engineers

CREG Consensus Revenue Estimating Group

cy cubic yards

dBA A-weighted decibels

DEIS Draft Environmental Impact Statement

DM&E Dakota, Minnesota & Eastern Railroad Corporation

DOI Department of the Interior

dv deciview, a measure of view impairment

EA Environmental Assessment

EC elemental carbon particles (re: air quality)

EIS Environmental Impact Statement

ENCOAL Encoal Corporation

EPA Environmental Protection Agency

F Fahrenheit

FCLAA Federal Coal Leasing Act Amendments of 1976

FEA Final Environmental Assessment FEIS Final Environmental Impact Statement

FEIS Final Environmental Impact Statement

FLPMA Federal Land Policy Management Act of 1976

FR Federal Register

ft feet, foot ft/day feet per day ft/mile feet per mile

GAGMO Gillette Area Ground Water Monitoring Organization

GNP Gross National Product gpm gallons per minute GSP Gross State Product

IBLA Interior Board of Land Appeals

IMPROVE Interagency Monitoring of Protected Environments IWAQM Interagency Workgroup on Air Quality Monitoring

Abbreviations and Acronyms Used in this Report

JRCC Jacobs Ranch Coal Company

Km kilometers

KMCC Kerr-McGee Coal Corporation

Kv kilovolts

LAC limits of acceptable change (re: air quality)

LBA lease by application

lbs/mmBtu pounds per million British thermal units

LFC Liquids From Coal

LRMP Land and Resource Management Plan

LW Lower Wyodak coal seam

MBHFI migratory birds of high federal interest

 $\mu g/m^3$ micrograms per cubic meter $\mu eq/L$ microequivalents per liter

mg/L milligrams per liter

mi mile

MLA Mineral Leasing Act of 1920 mmbcy million bank cubic yards mmtpy million tons per year

mph miles per hour

MW Middle Wyodak coal seam

Mw megawatts

NAAQS National Ambient Air Quality Standards

NAPG North American Power Group

NEPA National Environmental Policy Act of 1969

NO₂ nitrogen dioxide NO_x nitrogen oxides

NRHP National Register of Historic Places

O₃ photochemical oxidants OC organic carbon particles

OSM Office of Surface Mining Reclamation & Enforcement

P.M. Prime Meridian

PM₁₀ particulates finer than 10 microns

PMT postmining topography

PP&L Pacific Power and Light Company

PRB Powder River Basin

PRBRC Powder River Basin Resource Council

PRCC Powder River Coal Company
PRRCT Powder River Regional Coal Team
PSD prevention of significant deterioration
R2P2 Resource Recovery and Protection Plan

RMP Resource Management Plan

ROD Record of Decision ROW Right-of-Way

SARA Superfund Amendment & Reauthorization Act of 1986

SEO State Engineer's Office

SHPO State Historic Preservation Office

SMCRA Surface Mining Control and Reclamation Act of 1977

SO₂ sulfur dioxide

T&E threatened and endangered TBCC Thunder Basin Coal Company

Abbreviations and Acronyms Used in this Report

TBNG Thunder Basin National Grassland

TDS total dissolved solids

TSP total suspended particulates

U.S. United States

USC, U.S.C. United States Code

USDI U.S. Department of the Interior

USFS U.S. Forest Service USGS U.S. Geological Survey

USFWS U.S. Fish and Wildlife Service
UW Upper Wyodak coal seam
VRM visual resource management

WCIC Wyoming Coal Information Committee

WDEQ Wyoming Department of Environmental Quality

WDEQ/AQD Wyoming Department of Environmental Quality/Air Quality

Division

WDEQ/LQD Wyoming Department of Environmental Quality/Land Quality

Division

WGFD Wyoming Game and Fish Department

WMA Wyoming Mining Association WOC Wyoming Outdoor Council

WOGCC Wyoming Oil and Gas Conservation Commission

WSGS Wyoming State Geological Survey