The ___________________________________ has primary regulatory authority over North Dakota’s seven coal-based power plants.

Environmental laws and regulations cover three areas of power plant operations:

_____________________________________________________________

_____________________________________________________________

_____________________________________________________________

The ___________________________________ set federal standards for six criteria pollutants. The three that affect power plants are: ___________________________________, _________________ and _________________. These standards were advanced through the Clean Air Act Amendments of ___________ and ___________ and accompanying regulations.

Power plants are equipped with ____________________________ that provide real-time data of air emissions.

Reducing emissions:

• _______________ removes sulfur dioxide.
• Nitrogen dioxide can be reduced during and after _______________.
• Baghouses and electrostatic precipitators remove _______________.

______________ stem from the North Dakota Pollutant Discharge Elimination System permits.

______________ stem from the Resource Conservation and Recovery Act. ____________ from the power plants is a regulated waste.

Upcoming regulations include:

• _________________
• _________________
• _________________

There are beneficial uses of coal combustion products such as:

____________________________________________________________________________________

____________________________________________________________________________________
North Dakota utilities have invested __________________ in technologies that reduce pollutants and keep the plants in compliance with all laws and regulations.

Notes: