

Plant Level Environmental Compliance

Unit 4: Environmental Impacts & Stewardship

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
