

ENERGY STREAMLINING TASK FORCE PROJECT SUMMARY

Name: Thoroughbred Energy Complex

EG-3

Entity Proposing Project: Thoroughbred Generating Company (TGC) (Peabody Energy submitted comment)

Category of Project: Electricity Generation

Brief description of project: 1500 MW very clean coal, low-cost, mine-mouth generation project located in Muhlenberg County, Kentucky – 2 miles northeast of Central City; consists of 2-750 MW coal boilers with emissions controls including low NOX burners, SCR's, scrubbers and baghouse or wet electrostatic precipitator; site includes mine, power plant and ash disposal facilities.

Agencies that must be consulted and agencies from which approval is needed:

Federal: Army Corps of Engineers

Environmental Protection Agency (Region IV)

Federal Aviation Administration

Federal Energy Regulatory Commission

Fish & Wildlife Service

National Park Service (NPS)

Office of Management and Budget

Tennessee Valley Authority

State: Kentucky Department of Environmental Protection, Division of Air Quality (KYDAQ) – reviews Prevention of Significant Deterioration, Title V, Acid Deposition air permit

Kentucky Heritage Council

Kentucky Public Service Commission

Kentucky State Nature Preserves Commission

Kentucky Transportation Commission

Project Timeline:

Prevention of Significant Deterioration permit submitted to KYDAQ – February 26, 2001

Application deemed administratively complete – April 23, 2001

KYDAQ requested TGC to respond to NPS questions/concerns re: visibility impacts on Mammoth Cave National Park; review of permit placed on hold until resolution of these issues – May 24, 2001

TGC revised permit application to include use of control equipment for SO₂, NO_x and sulfuric acid mist emission removal that is beyond currently accepted “best available control technology”

Reason for bringing project to the task force's attention: TGC's environmental performance could set the industry standard and could showcase the environmental improvements of clean coal technology, as well as create high paying jobs and a stable source of energy to meet growing demand.