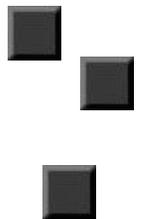
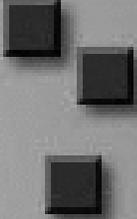


Environmental Information Session

American Municipal Power - Ohio
Meigs County Power Plant Project

October 25, 2007

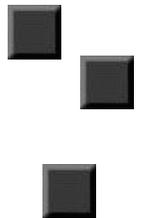


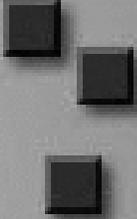


American Municipal Power -Meigs County Power Plant

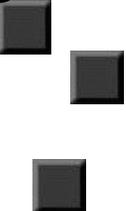
Presented by Rod Windle

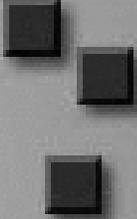
- Ohio EPA, Division of Air Pollution Control, Central Office





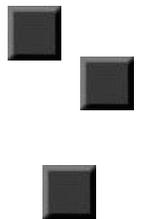
What is involved in the evaluation of a Prevention of Significant Deterioration (PSD) permit-to-install (PTI)

- Applicant submits air application
 - Ohio EPA evaluates impacts to determine if project meets PSD regulations
 - After negotiations with applicant, decision is made and action is drafted (denial or draft permit)
- 



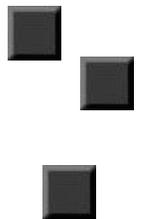
What Do the PSD Rules Require?

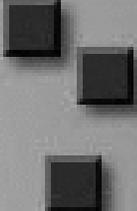
- Best Available Control Technology (BACT) on equipment and operations
- Emissions modeling
- Secondary Impacts Analysis



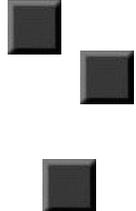
■ What Is Involved in Drafting a PSD Permit?

- - If an application is approved, develop the following terms and conditions
 - Emissions limits and control requirements
 - Operational restrictions
 - Monitoring and record keeping
 - Reporting
 - Compliance demonstration methods



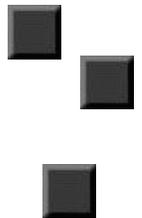


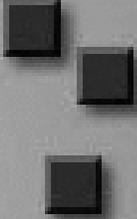
AMP-Ohio Application...

- To be located along State Route 124 near Letart Falls, Ohio
 - Two (2) 5191 million Btu/hr coal-fired boilers
 - Supporting operations:
 - 150 million Btu/hr natural gas-fired auxiliary boiler
 - Two (2) cooling towers
 - Flyash & flue gas desulfurization (FGD) landfill
- 

Best Available Control Technology (BACT) Requirements...

- Nitrogen Oxides (NO_x):
 - Low NO_x burners and selective catalytic reduction
- Sulfur Dioxide (SO₂):
 - FGD with limestone or ammonia
- Particulate:
 - Baghouses and wet electrostatic precipitators (WESP)
- Volatile Organic Compounds (VOCs) and Carbon Monoxide (CO):
 - Good combustion practices
- Lead:
 - Same as particulate (Baghouses & WESP)
- Sulfuric Acid Mist:
 - WESP

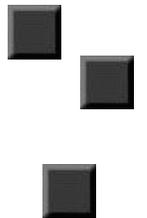


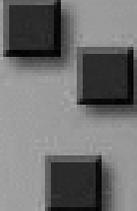


Proposed Project Emissions

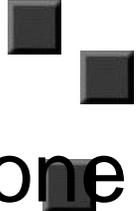
- Allowable Emissions in the draft permit are:

- NO_x = 3194 tons per year (tpy)
- SO₂ = 6820 tpy
- Particulate = 1182 tpy
- VOC = 167 tpy
- CO = 7009 tpy
- Lead = 0.44 tpy
- Sulfuric Acid Mist = 343 tpy
- Mercury = 172 pounds per year



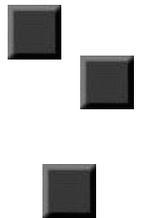


If the PSD Permit is Issued Final, AMP Can...

- Begin Construction
 - *After approval is secured from other Ohio EPA divisions (solid waste, surface water, etc.)*
 - Conduct emissions tests as required by the permit
 - Operate equipment per the terms and conditions of final permit-to-install
 - Apply for a permit-to-operate (PTO) within one year of beginning to operate
- 

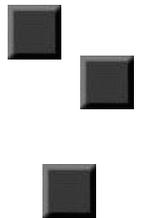
■ ■ What Is Ohio EPA Doing to Protect ■ My Health?

- Terms of Permit based on the Best Available Control Technology
- Terms of Permit based on approved ambient air modeling



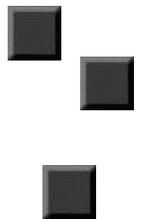
■ ■ What Is Ohio EPA Doing to Protect ■ My Health?

- Reporting, record keeping and emissions testing required by the permit
- Ohio EPA would perform periodic on-site inspections of facility and investigate citizen complaints



■ Topics Ohio EPA Cannot Consider As ■ Part of Our Review...

- Facility Location
- *Local zoning*
- Location of Transmission Lines
- Truck Traffic
- Who builds the facility
- Electricity Need
- *Ohio Power Siting Board*

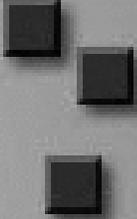


Draft PSD Permit Comment Process

- Ohio EPA issues draft permit and requests public comments
- Public Notice placed in local paper
- News release sent to all local media outlets
- Citizen advisory sent to interested parties list
- Public information session and hearing held (if requested)
- Written comments accepted until 11/30/07
- *Comment period extended 30 days by request*

What happens after tonight?

- Ohio EPA reviews comments given at hearing and submitted in writing during comment period
 - (Closes 11/30/07)
- After reviewing comments, the director decides to *issue*, *modify* or *deny* the final PDS permit
- Director's decision is final, but appealable to ERAC within 30 days
- A "Responsiveness Summary" written to respond to comments received



For more information...

- Ohio EPA, Attn: Dean Ponchak, Southeast District Office, Division of Air Pollution Control, 2195 Front St., Logan, OH 43138.

- [Http://www.epa.state.oh.us](http://www.epa.state.oh.us)

- Permit: http://www.epa.state.oh.us/dapc/pti_issued/pti_pdf_07/0608138d.pdf
- Application: <http://www.epa.state.oh.us/dapc/transfer/amp/amp.html>

- Meigs County Library - Racine

- Information Repository established

- Jed Thorp, Public Involvement Coordinator,

- 614- 644-2160, jed.thorp@epa.state.oh.us

