

Shoebrooks, Jeff and Robin
Winchester, KY
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Comment No. 1
Comment noted.

Issue Code: 16



Kentucky Pioneer Integrated Gasification
Combined Cycle Demonstration Project
Draft Environmental Impact Statement
U.S. Department of Energy
National Energy Technology Laboratory

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Written Comment Form
Must be received by January 4, 2002.

Date 1/31/02

Dear Mr. Spears,

I am writing this letter to state my opinion
against the planned Combined Cycle Project slated
for Trapp, KY. I am a registered nurse and work
for the Veterans Hospital in Lexington, KY. I have
a wife, daughter 11 yrs. old, son 8 years, and infant twins.
We have lived in Winchester KY for six years
after moving from Lexington, KY. We moved to get
away from the city and the traffic. We both
longed to live in a smaller town, closer to the
Country, as it grows up.

Recently, we found the property we have
longed dreamed for. We sold our house in
downtown Winchester and bought a home in the
Country with five acres. After moving I heard

1/16

Comment forms may be mailed to:
Mr. Roy Spears
U.S. Department of Energy
National Energy Technology Laboratory
3610 Collins Ferry Road
Morgantown, WV 26507-0880

Comment forms may be faxed to:
Mr. Roy Spears
(304) 285-4403

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about this planned electricity plant but was
unable to attend the public discussion due to
work. We now live at 366 Old Ruckersville Rd.
Winchester. The serenity and peace of this property
is hard to find in this area. It was a
dream come true for us to raise our children
in this setting and experience life to the fullest
as our parents did. The wildlife is wonderful
and the previous owner was a wildlife photographer.
He catalogued all the wildlife species and we
have attached this list for your viewing.

Now, as I learn more about this proposed
project it is sad to think of how our
lives will be affected. My son will attend
Shipp elementary school which is about 1/2 mi

Please use other side if more space is needed.

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Comment No. 2

Issue Code: 08

DOE appreciates the provided list of wildlife species in the project area. Section 4.9, Ecological Resources, of the EIS provides information regarding species that are typically found in the region as well as special interest species. Section 5.9, Ecological Resources, provides an assessment of impacts to species common to the region and special interest species. The submitted list of wildlife species will be retained for reference in the project administrative record.

2/08

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miles from our house. The roads leading to this area consist of 2 lane curves, no guard rails, steep hillsides with creeks running along side. It is a dangerous road (Highway 89) leading from downtown Winchester to Tapp. Just last week an ice storm hit the area hard with no warning. As I was coming to work that morning I witnessed numerous accidents on this road. One such accident was a fire engine in the ditch at the bottom of the hill. It couldn't stop due to the steep decline leading out of Winchester. The planned road route leading from I-64 to Tapp would travel over railroads, bridges, through 2 school zones with crossings and a largely 35 mph/hr area with numerous houses sitting practically on the road.

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Comment No. 3

Issue Code: 10

Comment noted. Solid waste would be transported to landfills via trucks. An Emergency Response Plan, which documents procedures for providing emergency response and cleanup for any project related spills during materials transport, has not yet been developed by KPE. The plan will be developed during the engineering and construction phase of the project and would adhere to local, state, and federal regulations. Section 5.11, Traffic and Transportation, has been revised to discuss the Emergency Response Plan.

4/03

Comment No. 4

Issue Code: 03

The commentor's concern regarding the potential for impacts to any cultural resources in the vicinity of downtown Winchester has been addressed as part of the consultation with the Kentucky Heritage Council. The Section 106 Review process has been completed and the Kentucky SHPO has issued a finding of no effect on historic properties from this project.

3/10

Chapter 4 has been revised to clarify that impacts to the entire Area of Potential Effect have been addressed as part of the Section 106 process.

3/10
(cont.)

Comment No. 5

Issue Code: 06

Comment noted. As detailed in Table 5.7-3 of the EIS, maximum air quality impacts from the proposed project would be less than 1 percent of the relevant federal air quality standards for gaseous pollutants such as NO_x, SO₂, and CO. Maximum impacts of the proposed project on PM₁₀ concentrations would be less than 4 percent of the federal 24-hour PM₁₀ standard and less than 1.5 percent of the federal annual average PM₁₀ standard. As noted in the EIS, the carbon content of the syngas is expected to be less than that of natural gas. Consequently, greenhouse gas emissions from the proposed project would be less than from a comparable facility using natural gas.

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There are also 2 truck entrances (a large Sylvania plant). The semi tractor trailer trucks would have to travel through downtown historic Winchester, across main street. This is all within a 4.5 mile distance from the interstate just to my house. These dirty, dangerous trucks which disperse many peoples lives and pose a hazard to everyone who travels these roads.

Secondly, as I read your government web pages to try to understand what the plant would entail, I have become alarmed at the pollutants and possible carcinogens that would be released from the smoke stacks into the air. As the government site states "with the President's

Clean coal power initiative a means now exists for them

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Comment No. 5 (cont.)

Issue Code: 06

Table 5.7-4 of the EIS identifies estimated maximum downwind concentrations of hazardous pollutants expected to be emitted by the proposed facility and the associated maximum lifetime cancer risks. Most of these compounds (all except benzene, carbon disulfide, carbonyl sulfide, formaldehyde, and hydrogen sulfide) would be associated with PM₁₀ emissions. Dispersion modeling conducted for the PSD/Title V Permit application indicates that the location of maximum 24-hour average and maximum annual average PM₁₀ concentrations would be within 0.8 kilometers (0.5 miles) of the facility, within the boundaries of the J. K. Smith Site property. PM₁₀ concentrations (and consequently most hazardous air pollutant concentrations) beyond the boundaries of the J. K. Smith Site property would be less than the maximum values. The area of maximum annual average concentration for gaseous emissions would be about 9.1 kilometers (5.7 miles) downwind of the facility.

3/10
(cont.)

3/10
(cont.)

5/06

Section 5.7 of the EIS, Air Resources, has been revised to discuss the general downwind distances to areas of maximum pollutant impact.