

Gen. Apps, Inc.
Winchester, KY
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Kentucky Pioneer Integrated Gasification
Combined Cycle Demonstration Project
Draft Environmental Impact Statement
U.S. Department of Energy
National Energy Technology Laboratory

JAN - 7 2002

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

I would like to raise my concerns
about the new power plant to be built in
Trapp, KY. This power plant will be powered
by compacted waste and/or coal (as I was
informed). First of all coal burning emits
sulfur by-products which have been proven
to create acid rain. Compacted waste will
release heavy metals (mostly from painted
materials) which are hazardous to human
health (especially kids). This power plant
will be located very close from small
communities (less than a mile) and about 5 to
10 miles from cities (Winchester, Irvine, Richmond).

I am strongly opposed to such projects.
Vincent Robert Scientist 4262 Colby Road
GenApps Inc. Winchester KY 40391

Please use other side if more space is needed.
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

Comment No. 1

Issue Code: 06

The proposed project is not a conventional power plant burning coal or RDF. Instead of burning such fuels in a boiler system, the proposed project would use gasification technologies to convert the solid fuels into syngas similar to natural gas. That syngas would be the fuel burned in the gas turbine generator system. More than 99 percent of the sulfur content of the raw fuel materials (coal and RDF pellets) would be removed and recovered as a marketable byproduct. The syngas would have a sulfur content similar to that of fuel oil, which is much lower than that of coal.

Chapter 5, Section 5.7 of the EIS, Air Resources, has been revised to discuss the sulfur content of syngas fuel and to clarify that acid deposition impacts would not be significant.

1/06

Comment No. 2

Issue Code: 11

The gasification process would produce a small amount of wastewater containing primarily dissolved salts. Heavy metals and mercury would be emitted only from the power island component (CTs) of the Kentucky Pioneer IGCC Demonstration Project. Total heavy metal deposition in areas downwind of the project would be much less than 1.1 kilogram per hectare (1 pound per acre) accumulated over 20 years and present little risk to human health and the environment. Furthermore, the air quality permit for the project requires continuous emission monitoring for major criteria pollutants and annual emission testing for cadmium, lead, mercury, hydrogen chloride, and dioxins/furans. Noncompliance with permitted emission levels would result in a plant shutdown.

2/11

3/16

Comment No. 3

Issue Code: 16

Commented noted.