Dear Sirs; 9/15/08

I believe that Hyperion Energy Centers Prevention of Significant Deterioration Permit Application as submitted should be denied. The entire applications data submitted is based on technologically feasible operations not many of which have ever been proven on such a large scale. Union County of the State of South Dakota should not be a testing ground for such feasible technology. Data submitted for the PSD permit should be data obtained from proven operations not just feasible operations.

No where did the data submitted for total emissions account for any emissions givin off during start ups, shut downs, or flaring. These activities are some of the most polluting activities of a refinery (note last paragraph of 2.3.4). With the given particulate emissions given at 94% of the allowible what

would that percent increase if these activities were accounted for?

There are many unanswered questions throughout the permit. An example is unanswered questions pertaining to (2.2.16.6) activated Sluge Biological Treatment. How will Climatic temperature effect the treatment center? Microorganisms react differently at different temperatures. Reaction rates are higher during warmer months and lower during colder months. How will varying metabolic rates effect emissions seasonly? Is a larger volume area set aside to hold more sluge during the colder months when metabolic reactions will be slower?

Please reject this application until further clarification of emissions can be given.

The permit application stated that over 18 million tons of CO_2 per year would be emitted. Now Hyperion is stating that it may burn coal to increase its

electrical output necessary to run the refinery. Was this taken into account in the data given for emission totals?

Further clarification is necessary before this application is approved.

What are the penalties if the given emission totals are underestimated and feasible technology fails? Once our environment is broken, air and earth and water polluted, residents health effected, a dollar amount of a penalty really doesn't mean much. Once our environment is broken we have to live with it.

Please take the time to investigate the data given in application to verify that it is valid and obtained in a verified manner.

My State, My County and my health depend on you. Denie this permit as written, please.

Sincerely

Craig L. Deamer

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