COMMONWEALTH OF KENTUCKY

BEFORE THE KENTUCKY STATE BOARD ON
ELECTRIC GENERATION AND TRANSMISSION SITING

In the Matter of:

THE APPLICATION OF THOROUGHBRED GENERATING COMPANY, LLC FOR A MERCHANT POWER PLANT CONSTRUCTION CERTIFICATE IN MUHLENBERG, COUNTY, KY	))))))	CASE NO. 2002-00150

BOARD CONSULTANT'S FIRST DATA REQUEST
TO THOROUGHBRED GENERATING COMPANY, LLC

Board Consultant requests that Thoroughbred Generating Company, LLC ("Thoroughbred") file with the Board the original and 6 copies of the following information, with a copy to all parties of record. If a requested document consists of 20 or more pages, Thoroughbred may file 2 copies. The information requested herein is due no later than August 29, 2003. Each copy of the data requested should be placed in a bound volume with each item tabbed. When a number of sheets are required for an item, each sheet should be appropriately indexed, for example, Item 1(a), Sheet 2 of 6. Include with each response the name of the person who will be responsible for responding to questions relating to the information provided. Careful attention should be given to copied material to ensure that it is legible. Where information requested herein has been previously provided, in the format requested herein, reference may be made to the specific location of said information in responding to this information request.

1. Does the estimate of 2,300 additional vehicles to be added to U.S. Highway 62 (2,200 during the construction phase of the project) represent a total vehicle count for both directions over a 24-hour period?

2. Regarding the additional traffic on U.S. Highway 62, describe the estimated directional split, i.e., the percentage coming from and going east and the percentage coming from and going west.

3. Explain the estimated flow of additional vehicles entering the project worksite in the morning and exiting in the afternoon. If possible, provide a breakdown of traffic flow during various phases of the project. For example, would there be 1,150 vehicles per day ("vpd") entering the site in the morning and 1,150 vpd exiting the site in the afternoon at the beginning of the project, as well as during peak construction?

4. Would all 1,150 vehicles arrive during the same peak morning hour(s) and leave during the same afternoon peak hour(s)? If yes, state the hours.

5. Provide the results of any peak-hour traffic analysis that was performed.

6. State the width of the main access road into the site from U.S. Highway 62.

7. Is more pavement design information needed for the access road leading into the site at this stage? Explain.

8. Regarding the east access road at-grade railroad crossing, what type of crossing protection, if any, is planned?

9. Will U.S. Highway 62 will be widened on both sides of the highway or only the west side?

10. Is a future left-turn lane required on southbound U.S. Highway 62 at the site access road intersection?

11. Explain the nature of the traffic patterns, if known, in the area. Provide the percent of truck traffic now and projections of what it will be once the plant is up and running.

12. Describe the wildlife area south of the proposed stack and explain how it is used and by whom.

13. State the scale of the profiles in the exhibits. Provide a larger-scale topographic map or a DTM that could be used to check the profiles.

14. Regarding the tower plumes and stack emissions, provide a reference to information in your application where the visual impact of the plumes, using such models as CALPUFF, can be derived. Also, provide a reference to information in your application pertaining to the use of drift eliminators.

15. Provide a description of all other structures being built.

16. Is an ash landfill planned for the site?

17. Do you anticipate any permanent change in the pattern of traffic during construction and in future operations?

18. Provide documents with a higher resolution (of data points) for Figure 3-1 and Figure 7-1.

Thomas M. Dorman
Executive Director
Public Service Commission
on behalf of The Kentucky State Board on
Electric Generation and Transmission Siting
Post Office Box 615
Frankfort, KY 40602

DATED: August 22, 2003

cc: Parties of Record