

Virginia City Hybrid Energy Center
Response to Data Request
Hullihen Moore, Virginia Air Pollution Control Board

Question (E-Mail):

Veeco answer is not responsive. The question is the same as items 7 and 9, except its for Mercury concentrations rather than Sulfur and Btus. Attachment 1 of item 1 shows mercury concentrations for each station and the company knows the coal involved; it's the same coal used to provide the data in 7 and 9.

Response:

Dominion understood the original question was to seek a breakdown in coal cost depending on the coal mercury content. Dominion does not conduct routine coal sampling and testing for mercury. While the ash and sulfur content are measured for each shipment and are actual figures for the coal consumption data in Attachment 1, the mercury data is not. Coal mercury content information for the Dominion facilities was obtained from the annual emissions inventory (EIS) statements which are based upon the following:

Altavista – 1999 ICR data
Bremo – AP-42 Emission Factor
Chesterfield – 1999 ICR data
Chesapeake – 1999 ICR data
Clover – 1999 ICR data
Mecklenburg – 2000 stack test
Southampton – 1999 ICR data
Yorktown – 1999 ICR data

Note: ICR refers to EPA's Information Collection Request conducted partly for the purpose of determining the mercury content and characteristics of coals used in the United States.

The most recently available, accepted methods and information with regard to each specific pollutant is used to populate the EIS. Data on BTU/lb as well as ash and sulfur are reported for each individual shipment made to our stations and this data was used to construct the answers for items 7 and 9. Coal is not purchased on the basis of mercury content, nor is mercury tracked when purchasing coal. Therefore, it is not possible to provide cost data with regard to coal mercury content.