

U. S. BUREAU OF MINES  
 HYDROGENATION DEMONSTRATION PLANT  
 LOUISIANA, MISSOURI

TOM Reel 43, Frames 228-231

1119

W. M. Stornberg  
 August, 1947

Essen, Feb. 24, 1942

~~PULVERIZED FUEL GASIFICATION INSTALLATION~~

FOR BRABAG - ZEITZ (Abstract)

Mr. Lackner stated again that while the Brabag Co. was interested in a powdered coal gasification installation, the delivery price quoted of RM 2,800,000, plus the expense to Brabag itself as a result of the construction, is in the way of installing a large scale experimental plant. A decision has therefore been reached to request us to redesign the Schmalfeldt installation at Schwarzheide.

The Koppers Co. expressed an unwillingness to accept any compromises about using any part of the Schmalfeldt plant, and that according to the present plans only the heat exchangers with their recuperators were to be used in the new installation. It has, however, been found that the recuperators were not in working order. A number of other suggestions about the use of existing equipment were made and voted down.

The Brabag management considers the installation in Schmalfeldt of value only if oxygen will be made available for the production of water gas. This was however improbable at that time, as the Linde company has informed them.

In reply to a statement that the decision about building a plant at Zeitz will have to wait until the Koppers Co. is ready to guarantee the powdered coal gasification, it was stated, that the company was ready to guarantee the gas yield, its composition, the oxygen consumption, the heat consumption, the steam consumption and generation, but not the thruput.

Mr. Lackner, of the Ingenieur Techn. Bureau, Brabag, was of the opinions of the I. G. are not unimportant in making the decision. He stated confidentially that when the Koppers claims on the powdered fuel gasification become substantiated on the basis of the as yet non-guaranteed but submitted operating data, the Winkler generator for the water gas production will be a thing of the past. The management of Brabag, in which the I. G. interests are also represented, have it clearly recognized.

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