

CCR/AGA-SPONSORED PIPELINE GAS  
GENERATOR RESEARCH AND DEVELOPMENT

Progress Report No. 15  
November 1972  
(BCR Report L-499)

Submitted to

Office of Coal Research  
Department of the Interior  
Washington, D. C.  
and  
American Gas Association

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December 1, 1972

Dr. George R. Hill  
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Office of Coal Research  
U.S. Department of the Interior  
Washington, D. C. 20240

SUBJECT: Monthly Progress Report No. 15  
OCR Contract 14-32-0001-1207

Dear Dr. Hill,

The process and equipment development of the Phase II studies is continuing.

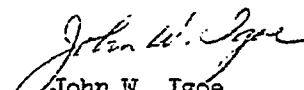
The summary report of the results obtained from the cold flow model studies of the 5 ton/hr gasifier, Special Report No. 3, will be mailed in December.

Results from two of the four new Harshaw methanation catalysts have been compared to the results from the molybdenum oxide catalyst, the most promising catalyst to date, after 1000 hours in the life test unit. The molybdenum oxide catalyst still remains the best of the group, especially with regard to the lack of carbon formation. Chemetron has indicated that they will start sending us catalysts next month.

The methanation PEDU construction has shown good progress. Delivery date for the reformer is still expected in late January.

BCR and Blaw-Knox continue to work with Stearns-Roger to advance the 5 ton/hr pilot plant project. The technical portion of the Stearns-Roger report is included as Appendix D. Blaw-Knox services are covered as appropriate in the general description of activities under Multipurpose Research Pilot Plant Facility.

Yours very truly,

  
John W. Igoe

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8006

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