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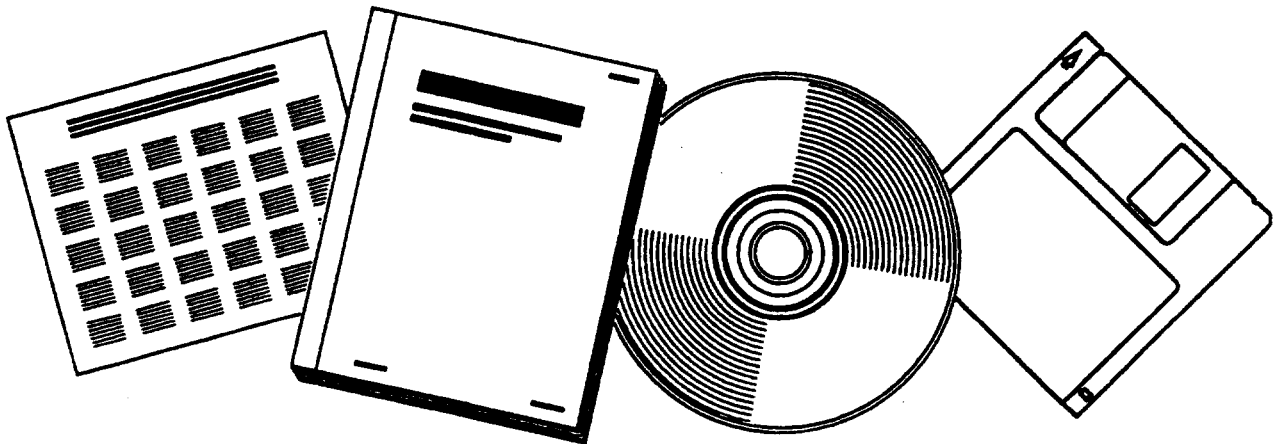
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PROCEEDINGS OF THE DOE CONTRACTORS' CONFERENCE ON INDIRECT LIQUEFACTION

DEPARTMENT OF ENERGY, PITTSBURGH, PA.
PITTSBURGH ENERGY TECHNOLOGY CENTER

1981

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U.S. DEPARTMENT OF COMMERCE
National Technical Information Service

CONF-8105169--

DESA 005787

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FOREWORD

An Indirect Liquefaction Contractors' Conference was held on May 20-21, 1981 at the Holiday Inn - Airport, Pittsburgh, PA. The purpose of this meeting was to review the status of research and development work being sponsored by DOE in support of the Indirect Liquefaction process development. A second purpose was to promote a technical exchange among DOE contractors in these areas and add insight into how individual projects fit together to support the overall program.

Specific objectives to be achieved were: to review updated project results; to provide an opportunity for contractors working in the subject area to hold discussions and to exchange information among themselves; to provide DOE's input to the subject review area.

This report consists of the meeting agenda, list of attendees, and copies of non-confidential versions of the presentations. Papers are not available for two of the presentations.

The U.S. Department of Energy wishes to express appreciation to participants for attending this meeting and to speakers for their time in preparing and delivering reports.

We would also like to acknowledge our thanks to Dr. Richard E. Hildebrand, HQ Program Manager, who served as moderator. His effort contributed to the success of the conference.

George Cinquegrane, PETC Liquefaction Project
Management Division

AGENDA

DOE Contractors' Conference on
Indirect Liquefaction

Holiday Inn - Airport
Pittsburgh, Pennsylvania

May 20-21, 1981

May 20, 1981

- 8:35 Welcome by A. Snarkey, Deputy Director, Pittsburgh Energy Technology Center, DOE
- 8:40 Introduction - Richard Hildebrand, DOE, Fossil Energy
- 8:45 M. Greene, Chem Systems, Alcohols
- 9:15 Questions and Answers
- 9:25 W. Lee, Mobil, FRG M-Gasoline Pilot Plant
- 9:40 Questions and Answers
- 9:50 Break
- 10:10 K. Klier, Lehigh University, Methanol Catalyst
- 10:25 Questions and Answers
- 10:35 R. Diffenbach, DOE/PETC, F-T Catalysts
- 11:05 Questions and Answers
- 11:15 W. Slegeir, Brookhaven National Lab, F-T Bimetallic Catalysts
- 11:35 Questions and Answers
- 11:45 Lunch
- 1:00 U. Rao, DOE/PETC, Zeolites
- 1:30 Questions and Answers
- 1:40 L.B. Sand, Worcester Polytechnic Institute, Zeolite Catalyst Synthesis and Particulation
- 1:50 Questions and Answers
- 2:00 R. Eschenbach, Union Carbide, Shape Selective Components

2:15 Questions and Answers
2:25 Break
2:45 A.T. Bell, University of California, Berkeley,
Selective Synthesis of Gasoline Range Components
3:05 Questions and Answers
3:15 R.A. Strehlow, ORNL, Mechanisms
3:45 Discussion
4:15 Adjourn

May 21, 1981

8:15 Introduction
8:20 G.J. Thompson, UOP, F-T Catalyst Characterization
8:50 Questions and Answers
9:00 P. Dyer, Air Products and Chemicals, F-T Cata-
lysts and Metal Cluster Catalysts
9:20 Questions and Answers
9:30 F. Massoth, University of Utah, F-T Catalyst
Characterization
9:45 Questions and Answers
9:55 Break
10:15 G.A. Huff, Jr., MIT, F-T Slurry
10:45 Questions and Answers
10:55 J.C.W. Kuo, Mobil, Two-Stage Slurry F-T/Mobil
Syngas Conversion
11:10 Questions and Answers
11:20 J.L. Rankin, Brigham Young University, Investi-
gation of Selectivity in Hydrocarbon Synthesis
11:40 Questions and Answers
11:50 Discussion
12:20 Adjourn

LIST OF ATTENDEES

Dr. Rand F. Batchelder
U.S. Department of Energy
Pittsburgh Energy Technology Center
Post Office Box 10940
Pittsburgh, Pennsylvania 15236

Dr. Alexis T. Bell
University of California
LBL & Department of Chemistry
Gilman Hall, Room 106
Berkeley, California 94720

Dr. Bernard D. Blaustein
U.S. Department of Energy
Pittsburgh Energy Technology Center
Post Office Box 10940
Pittsburgh, Pennsylvania 15236

Dr. Ugo Bozzano
UOP
20 UOP Plaza
Des Plaines, Illinois 60016

Dr. James W. Brockington
Air Products and Chemicals, Inc.
Post Office Box 538
Allentown, Pennsylvania 18105

Dr. Stephen A. Butter
U.S. Department of Energy
Mail Stop E-338, GTN
FE-23
Washington, DC 20545

Mr. George J. Cinquegrane
U.S. Department of Energy
Pittsburgh Energy Technology Center
Post Office Box 10940
Pittsburgh, Pennsylvania 15236

Dr. Bernard R. Cooper
West Virginia University
Department of Physics
Morgantown, West Virginia 26506

Dr. Richard A. Diffenbach
U.S. Department of Energy
Pittsburgh Energy Technology Center
Post Office Box 10940
Pittsburgh, Pennsylvania 15236

Dr. Glenn W. Dodwell
Worcester Polytechnic
Institute
Department of Chemical
Engineering
Worcester, Massachusetts 01609

Dr. Paul N. Dyer
Air Products and Chemicals, Inc.
Post Office Box 538
Allentown, Pennsylvania 18105

Dr. Richard C. Eschenbach
Union Carbide Corporation
Tarrytown Technical Center
Linde Division
Tarrytown, New York 10591

Dr. Marvin Greene
Chem Systems Incorporated
One Evans Street
Fairfield, New Jersey 07006

Dr. Robert Hamilton
U.S. Department of Energy
Mail Stop F-315, GTN
FE-23
Washington, DC 20545

Mr. William P. Haynes
U.S. Department of Energy
Pittsburgh Energy Technology Center
Post Office Box 10940
Pittsburgh, Pennsylvania 15236

Dr. Richard E. Hildebrand
U.S. Department of Energy
Mail Stop E-338, GTN
FE-23
Washington, DC 20545

Dr. George A. Huff, Jr.
Massachusetts Institute of
Technology
Department of Chemical Engineering
Building 66-557
Cambridge, Massachusetts 02139

Dr. John A. Jung, Jr.
Chem Systems, Incorporated
One Evans Street
Fairfield, New Jersey 07006

Dr. Kamil Klier
Lehigh University
Center for Surface & Coatings Research
Sinclair Laboratory #7
Bethlehem, Pennsylvania 18015

Dr. Harold Kung
Northwestern University
Chemical Engineering Department
Evanston, Illinois 60201

Dr. James C. Kuo
Mobil Research & Development Co.
Billingsport Road
Paulsboro, New Jersey 08066

Dr. Wooyoung Lee
Mobil Research and Development Co.
Billingsport Road
Paulsboro, New Jersey 08066

Dr. Garry N. Long
Union Carbide Corporation
Tarrytown Technical Center
Linde Division
Tarrytown, New York 10591

Mr. Lloyd Lorenzi, Jr.
U.S. Department of Energy
Pittsburgh Energy Technology Center
Post Office Box 10940
Pittsburgh, Pennsylvania 15236

Dr. Franklin E. Massoth
University of Utah
Department of Mining & Fuels Engin.
521 Browning Road
Salt Lake City, Utah 84112

Dr. Gordon A. Melson
Virginia Commonwealth University
Department of Chemistry
1015 West Main street
Richmond, Virginia 23284

Dr. Thomas E. O'Hare
Brookhaven National Laboratory
Building 120
Upton, New York 11973

Dr. Peter Orenski
Union Carbide
270 Park Avenue-8
New York, New York 10017

Dr. Ali Paravar
Worcester Polytechnic Institute
Department of Chemical Engineering
Worcester, Massachusetts 01609

Mr. Henry W. Pennline
U.S. Department of Energy
Pittsburgh Energy Technology Center
Post Office Box 10940
Pittsburgh, Pennsylvania 15236

Dr. Ronald Pierantozzi
Air Products and Chemicals, Inc.
Post Office Box 538
Allentown, Pennsylvania 18105

Dr. Sidney S. Pollack
U.S. Department of Energy
Pittsburgh Energy Technology Center
Post Office Box 10940
Pittsburgh, Pennsylvania 15236

Dr. Jule A. Rabo
Union Carbide Corporation
Tarrytown Technical Center
Old Saw Mill River Road
Tarrytown, New Jersey 10591

Dr. Jeffrey L. Rankin
Brigham Young University
1521 280 East
Orem, Utah 84057

Dr. V. Udaya S. Rao
U.S. Department of Energy
Pittsburgh Energy Technology Center
Post Office Box 10940
Pittsburgh, Pennsylvania 15236

Dr. Leonard Sand
Worcester Polytechnic Institute
Chemical Engineering Department
Worcester, Massachusetts 01609

Dr. Richard Sapienza
Brookhaven National Laboratory
Building 526
Upton, New York 11973

Dr. Richard R. Schehl
U.S. Department of Energy
Pittsburgh Energy Technology Center
Post Office Box 10940
Pittsburgh, Pennsylvania 15236

Dr. James C. Schlatter
Catalytica Associates, Incorporated
3255 Scott Boulevard
Suite 7E
Santa Clara, California 95051

Dr. Russell C. Schulz
UOP, Incorporated
20 UOP Plaza
Des Plaines, Illinois 60016

Dr. William Slegeir
Brookhaven National Laboratory
Building 526
Upton, New York 11973

Dr. Dennis N. Smith
U.S. Department of Energy
Pittsburgh Energy Technology Center
Post Office Box 10940
Pittsburgh, Pennsylvania 15236

Dr. John M. Stencel
U.S. Department of Energy
Pittsburgh Energy Technology Center
Post Office Box 10940
Pittsburgh, Pennsylvania 15236

Dr. Joseph P. Strakey
U.S. Department of Energy
Pittsburgh Energy Technology Center
Post Office Box 10940
Pittsburgh, Pennsylvania 15236

Dr. Richard A. Strehlow
U.S. Department of Energy
Oak Ridge National Laboratory
Post Office Box X
Oak Ridge, Tennessee 37830

Mr. Gregory J. Thompson
UOP, Incorporated
20 UOP Plaza
Des Plaines, Illinois 60016

Dr. Anthony G. Vickers
UOP, Incorporated
UOP Process Division
20 UOP Plaza
Des Plaines, Illinois 60016

Dr. Sterling E. Voltz
Mobil Research and Development Corp.
Billingsport Road
Paulsboro, New Jersey 08066

Mr. John C. Winslow
U.S. Department of Energy
Pittsburgh Energy Technology Center
Post Office Box 10940
Pittsburgh, Pennsylvania 15236

Mr. Michael F. Zarochak
U.S. Department of Energy
Pittsburgh Energy Technology Center
Post Office Box 10940
Pittsburgh, Pennsylvania 15236