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8 June 1956

## MEMORANDUM

TO: Chairman, Economic Defense Intelligence Committee

FROM: Chairman, Working Group on Propellents and Fuel Additives

SUBJECT: EDIC Seminar on High-Energy Fuels

1. A "Propellents Seminar," under the auspices of the EDIC Working Group on Propellents and Fuel Additives, is scheduled to be held on 13-14 June in the CIA Orientation Room, Central Building. The purpose of this seminar is to provide intelligence officers and US officials concerned with export control programs with a working knowledge of the strategic materials and production equipment required for missile propellents and other high-energy fuels. The Defense member of the Working Group, in collaboration with the Office of the Assistant Secretary of Defense for Research and Development, has arranged for two government-contract groups, the Battelle Memorial Institute and the Solid Propellant Information Agency, to make the actual presentations. A transcript of the seminar proceedings will be made.

2. Late in 1955, in response to an EDAC request, EDIC completed an evaluation of the strategic significance and military uses of boron. Subsequently, EDIC was asked to study various other materials of possible significance in the development of high-energy fuels. After the completion of the original boron paper, the Working Group on Propellents and Fuel Additives decided on a propellents seminar as the most efficient way to establish a common working basis among technical staffs, intelligence components, and action agency officials concerned with high-energy fuels in the export control context.

3. An agenda for the seminar and a preliminary attendance list are attached.

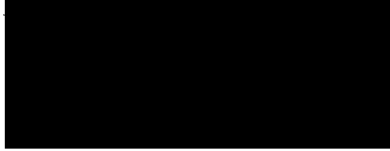
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4. It is requested that EDIC members be asked to give this memorandum appropriate circulation in their respective agencies and to report any changes in, or additions to, the attendance list not later than c.o.b. 11 June to the Secretary of the Working Group, [REDACTED] code 143, extension 4247.

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5. The classification of the seminar will be "Secret/Noform."



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**Attachments:**

1. Agenda for Propellents Seminar
2. Preliminary Attendance List

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ECONOMIC DEFENSE INTELLIGENCE COMMITTEE  
Working Group on Propellents and Fuel Additives

PROPELLENTS SEMINAR  
CIA Orientation Room, [REDACTED]  
2430 E Street, N.W.  
13-14 June 1956

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AGENDA

13 JUNE

0930 Introduction

Liquid Rocket Propellents

0945 Criteria for selection  
1015 Break  
1030 Monopropellents, oxidizers, fuels  
1200 Lunch  
1300 Monopropellents, oxidizers, fuels (cont.)  
1430 Break  
1445 Summary:  
    Materials of importance  
    Sources of information  
1545 Discussion  
1615 Adjournment

14 JUNE

Solid Propellents

0900 Research and development program in the US  
0945 Nitrocellulose-type gun propellents  
1015 Break  
1030 Composite propellents  
1130 Nitrocellulose-type rocket propellents  
1200 Lunch  
1300 Manufacturing processes and equipment  
1330 Igniters, primers, squibs  
1345 Some aspects of foreign technology  
1430 Break  
1445 Recent developments  
1515 Discussion  
1615 Adjournment

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ECONOMIC DEFENSE INTELLIGENCE COMMITTEE  
Working Group on Propellants and Fuel Additives

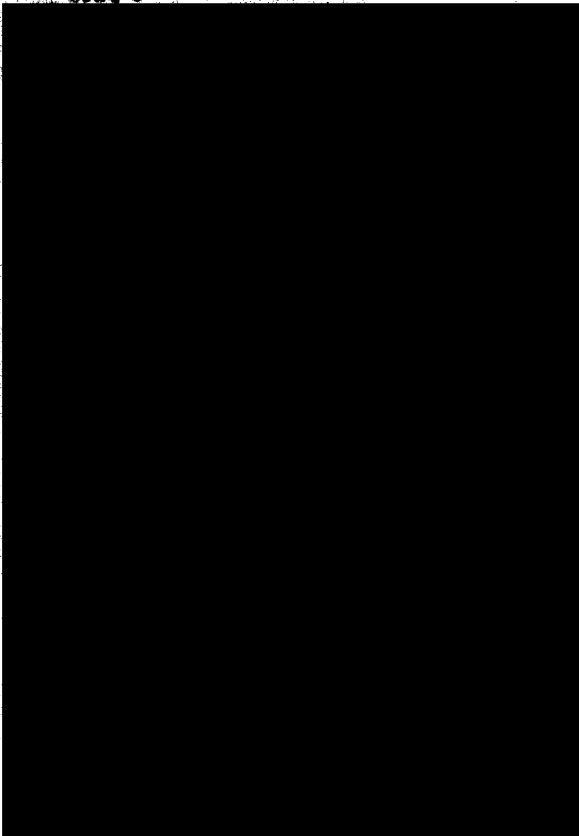
PROPELLENTS SEMINAR  
13-14 June 1956

Preliminary Attendance List

Battelle Memorial Institute

Mr. Edward H. Bollinger  
Mr. Richard E. Bowman  
Mr. Robert B. Filbert, Jr.  
Mr. William Harris, Jr.  
Mr. Alexis W. Lemmon, Jr.

Central Intelligence Agency  
ORR/C



Central Intelligence Agency

Mr. Keith G. Britton  
Mrs. Gertrude McMurray  
Mr. Norman Paul  
Mr. P. K. Reilly, Jr.  
Mrs. Susan Roy

Department of State

ITR

Mr. Stuart Nelson

OMC

Mr. Charles D. Martin

OIR

Mrs. Jeannetta Rado  
Mr. Howard K. Wiedemann

ICA

Miss Isabel Ann Baldwin  
Mr. L. Malcolm Slight  
Mr. John E. Tucker

Department of Defense

OASD (ISA)

Col. Robert W. Green  
Mr. Robert L. Martino

OASD (R&D)

Cdr. Clyde E. Alexander  
Mr. Melvin Bell  
Col. Samuel L. Brewer  
Mr. Donald B. Brooks  
Mr. Robert A. Ide

OASD (S&L)

Dr. Fred L. Bates  
Mr. Paul Stratton

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Department of Defense (Cont.)

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Mr. Edwin G. Davis

ONI

Mr. William F. Semmett

Navy, BuAer

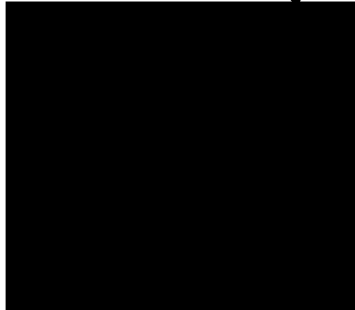
Mr. Oscar Bessio

(Others not yet named)

AFOIN

Dr. Edmund L. Finegold

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Department of Commerce

Office of the Secretary

Mr. J. Mishell George

BDSA

Mr. Hugh M. Beshers

Mr. L. Allan Davis

Mr. Wesley R. Koster

Mr. Herschel W. Meblett

Mr. Daniel W. Mikaitis

BFC

Mr. Earl Jeffrey

Mr. Leon Kelston

Mr. Fred Magnusson

Mr. Rauer Mayer

Mr. Murray Rennert

Mr. Wilson Sweeney

Bureau of Standards

Dr. R. E. Ferguson

Dr. F. L. Howard

Guided Missile Intelligence Committee

Mr. Russell H. McGuiney

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