

NW 9720064
By DM LTA Date 7/25/05

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SECURITY INFORMATION

is document consists of 8 pages
no. 2 of 3 Copies, Series B

ENCLOSURE "C"

UCRL-LIVERMORE LABORATORY

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By Authority of the U. S. Atomic Energy Commission
Per Russell Ball JJ. Flehm Date abt. 5, 1953
Document No. CXX11-6-2B
September 21, 1953

General Kenneth E. Fields, Director
Division of Military Application
U. S. Atomic Energy Commission
Washington, D. C.

RESTRICTED DATA

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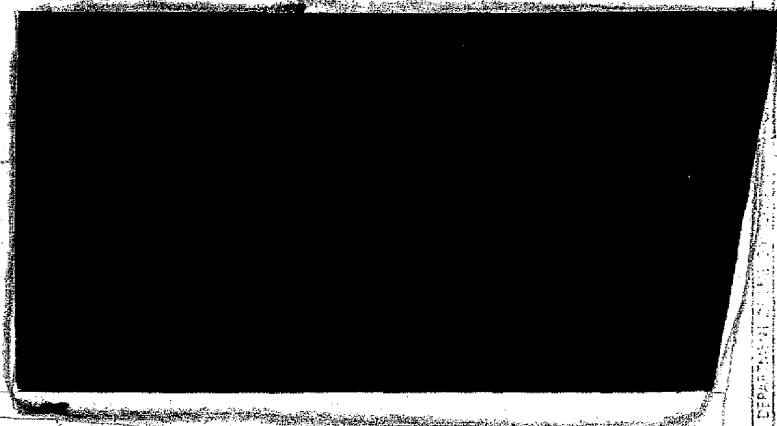
Dear General Fields:

The University of California Radiation Laboratory proposes to explode two thermonuclear devices at Operation Castle, Pacific Proving Ground, Spring, 1954.



DOE
6/1/04

I. Design



DOE
6/1/04

DEPARTMENT OF ENERGY DECLASSIFICATION REVIEW
1ST REVIEW DATE: 08/28/02
AUTHORITY: 28 CFR 1.502
NAME: John J. ...
2ND REVIEW DATE: 10/17/02
AUTHORITY: AD ...
NAME: ...
BY AUTHORITY: ...
DATE: 5-25-84

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E.O. 12958, Sec. 3.8

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NW 9720064
By DM LTA Date 7/25/05

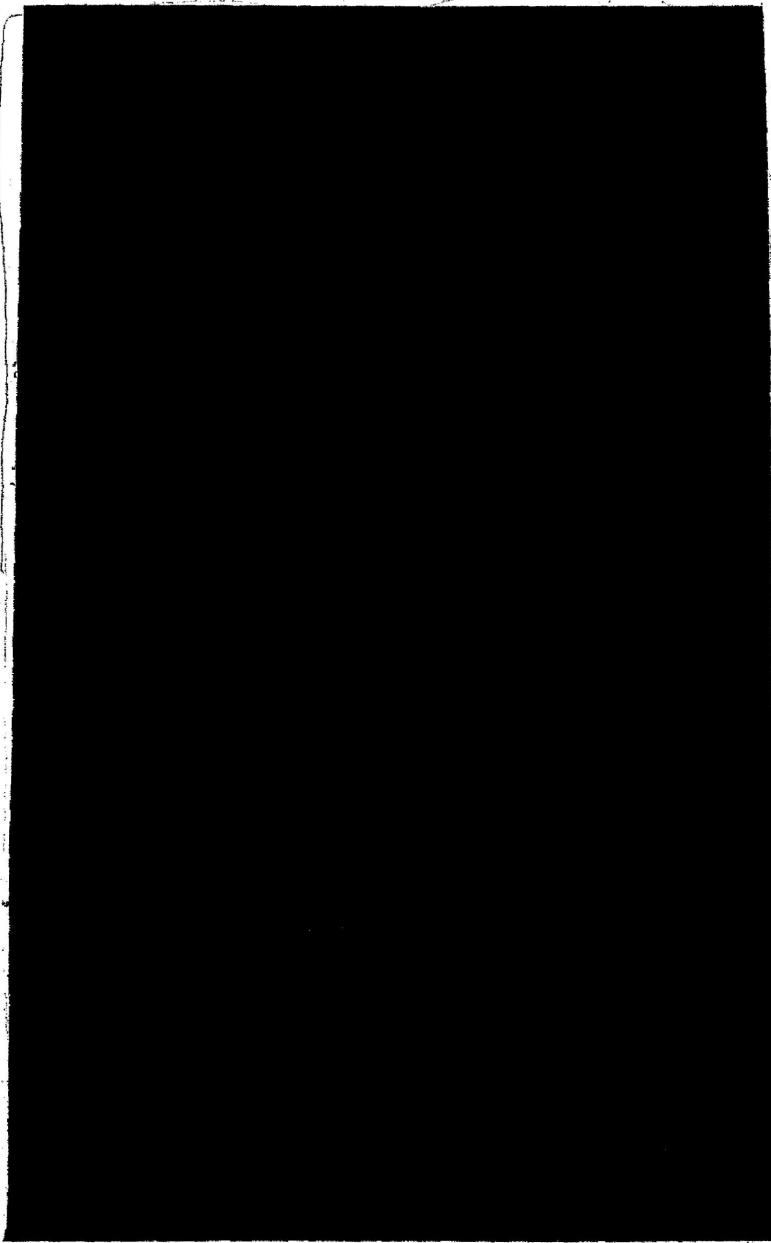
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See At. to 3/18 Vol. 10-7-53

6401-422-11-26 NW 9720064-
10-7-53

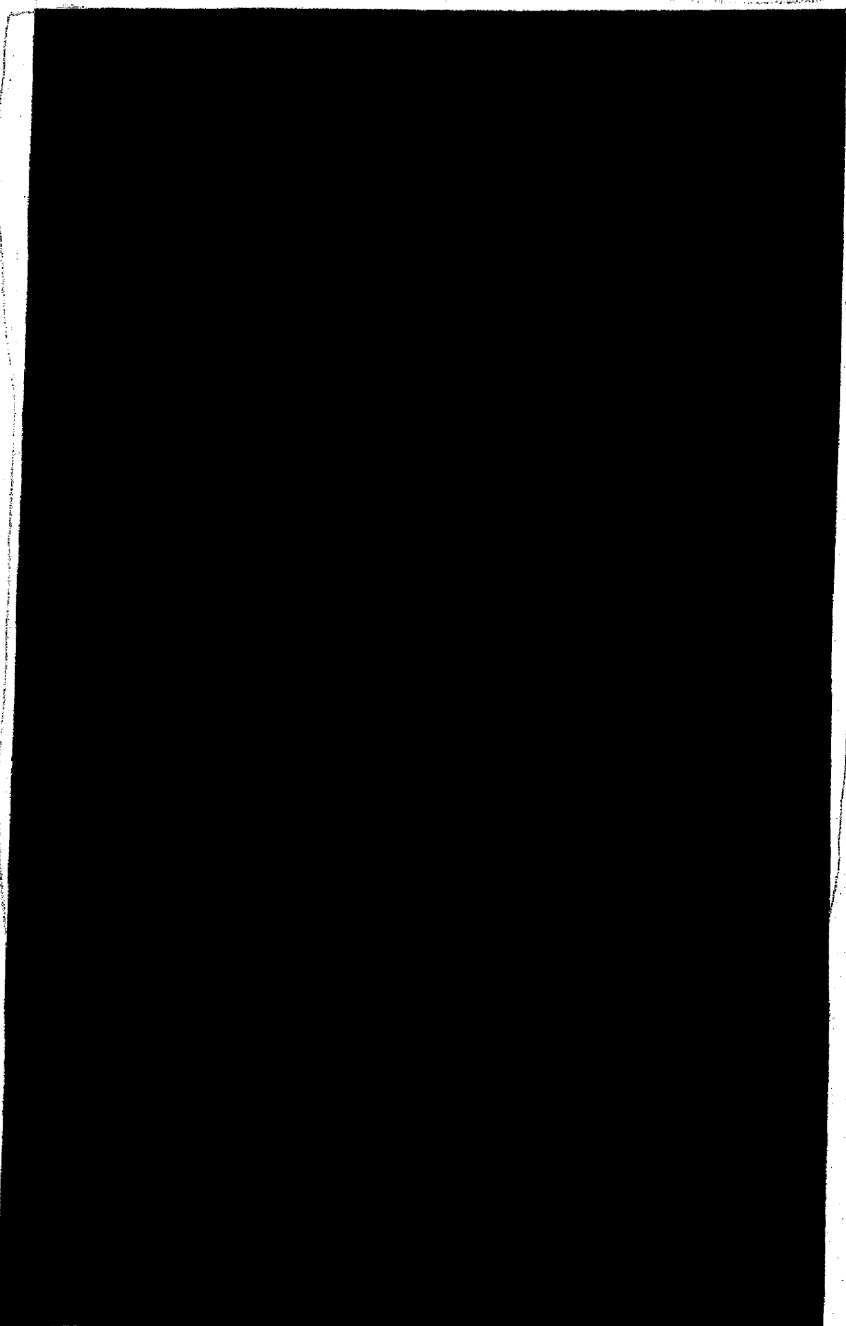
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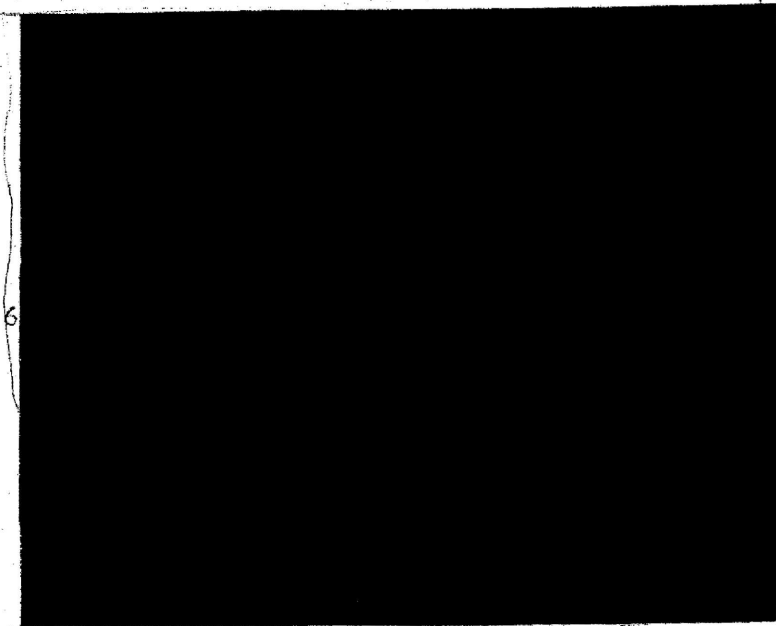
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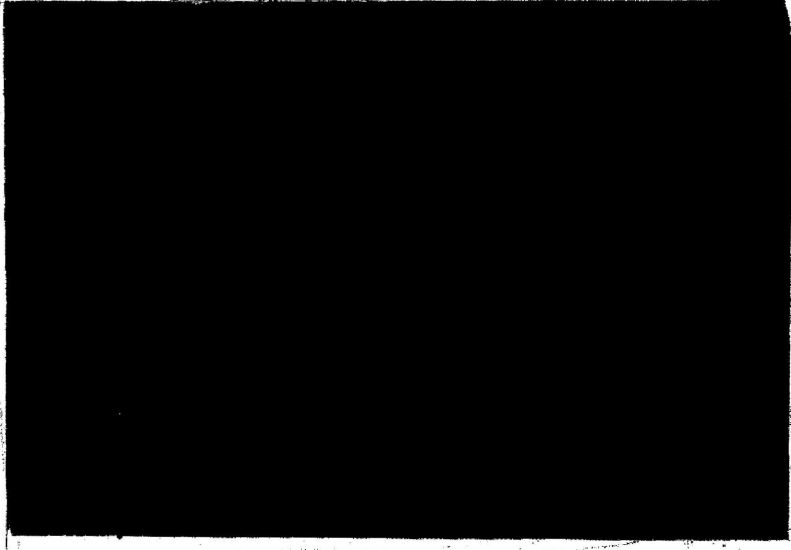
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II. Purpose and Hoped for Results



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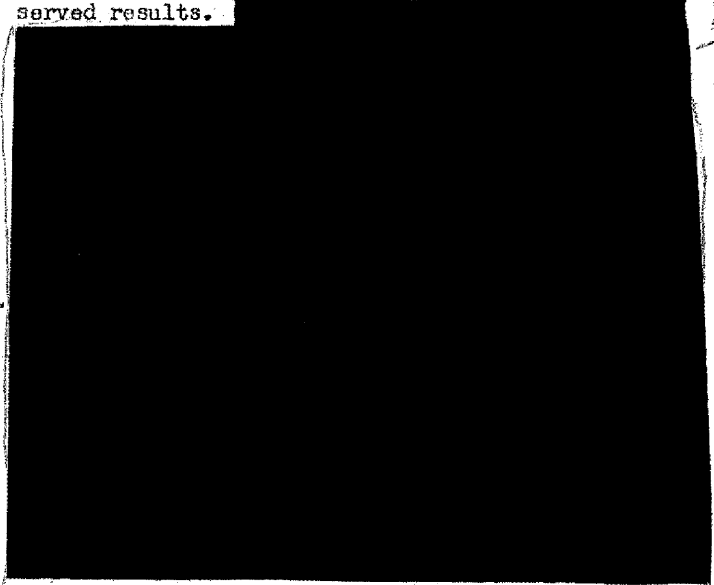
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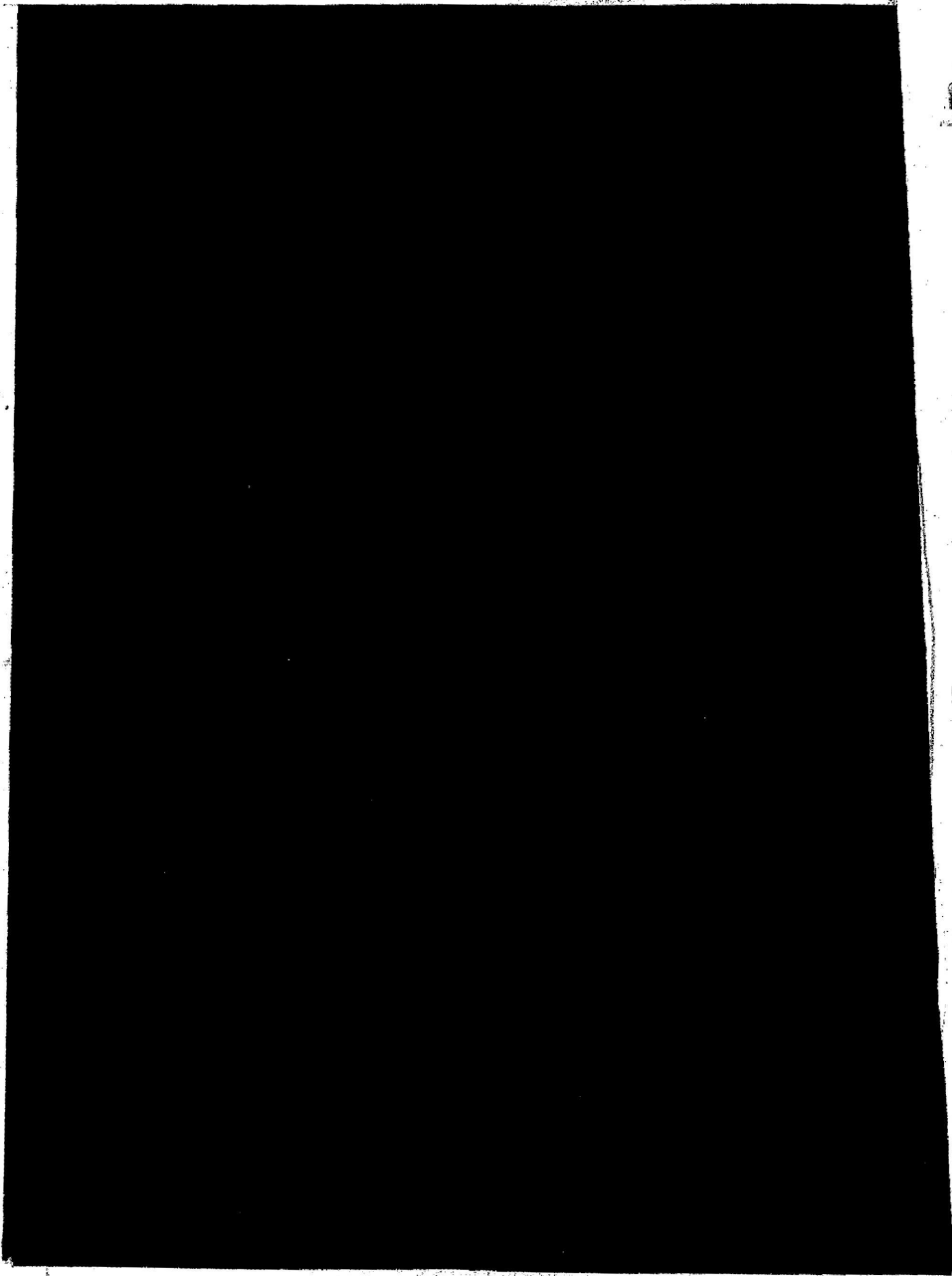
If each of these factors were known, the yield could be calculated quite accurately; however, only the first two can be predicted with even a modest degree of confidence. In addition to the total yield, the rate of reaction and several of the partial contributions to the yield will be measured by appropriate diagnostic experiments. These measurements will allow us to make a beginning at untangling the various factors which produced the observed results.

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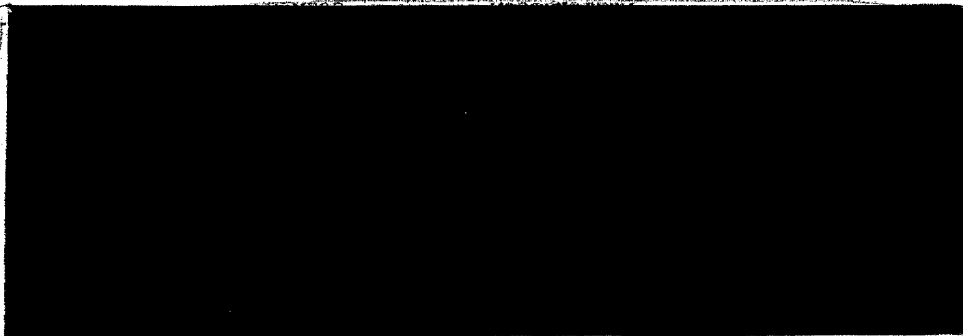


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IV. Material Requirements Summary (Expend Material Only)



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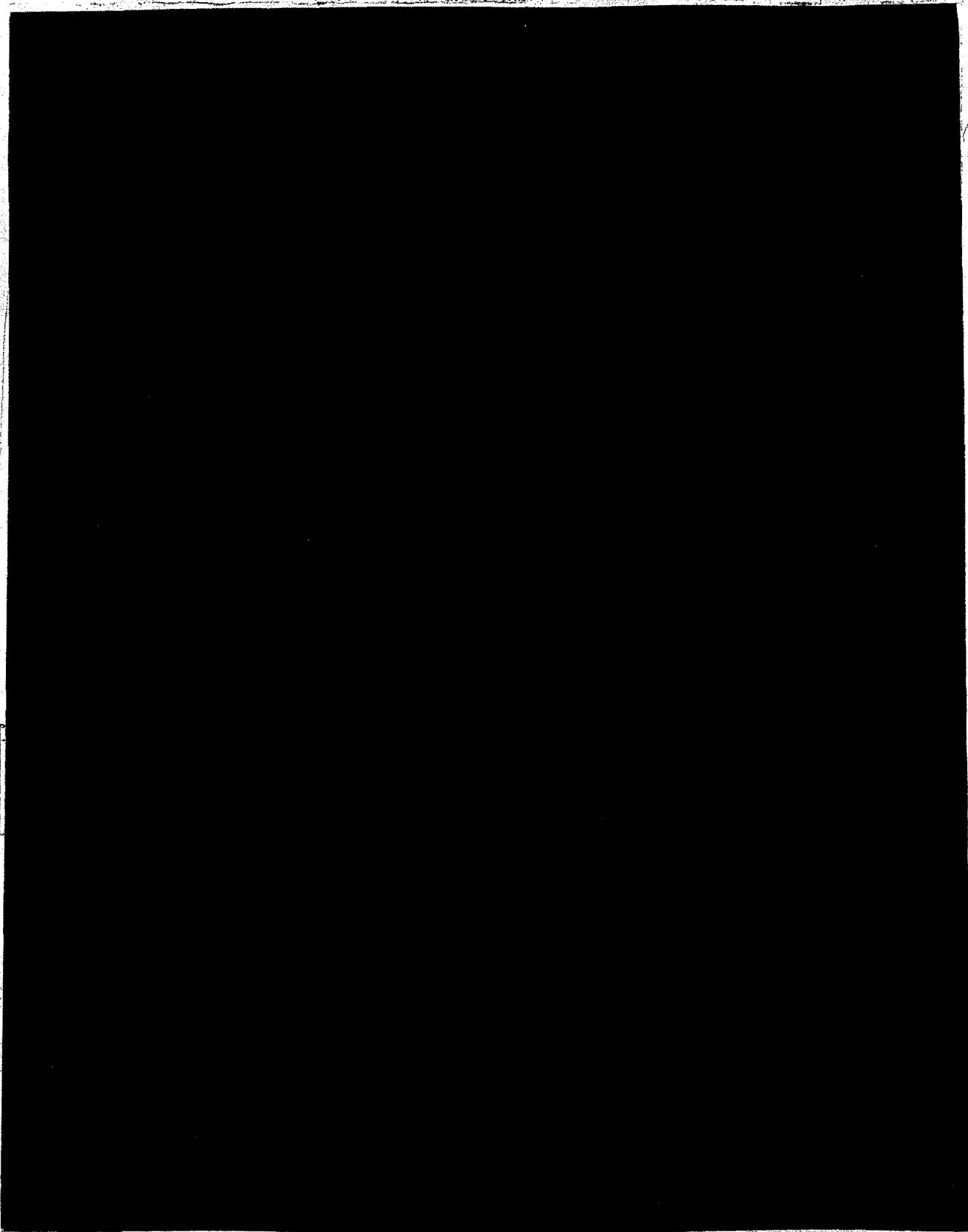
Sincerely yours,

HERBERT F. YORK

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NW 972006A
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