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By DM/FR Date 8/1/05

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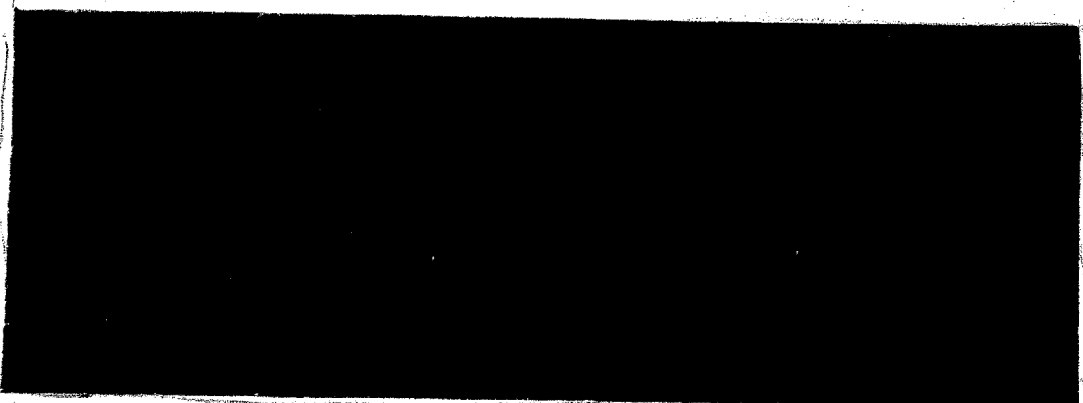
June 11, 1956

R

MEMORANDUM FOR THE COMMISSIONERS

Subject: PROPOSED PUBLIC STATEMENT ON CLEAN WEAPONS (U)

The General Manager has requested circulation of the attached copies of messages from LAST and Livermore providing <sup>FOUO</sup> information which was referred to in my memorandum dated June 7, 1956, on this subject.



DOE  
6.1(a)

|                                 |
|---------------------------------|
| DEPARTMENT OF ENERGY            |
| SINGLE REVIEW AUTHORITY         |
| DOE ORDER 5650.2B O             |
| REVIEWER (NAME): <u>WChiodi</u> |
| DATE: <u>04/07/95</u>           |

W. B. McNeal  
Secretary

|  |
|--|
| DEPARTMENT OF ENERGY DECLASSIFICATION REVIEW |
| 1ST REVIEW DATE: <u>08/27/0</u>              |
| AUTHORITY: <u>EAOC, EADC, DADD</u>           |
| NAME: <u>Billy J. Higgins</u>                |
| 2ND REVIEW DATE: <u>11/8/01</u>              |
| AUTHORITY/ADD                                |
| NAME: <u>Wesley Curtis</u>                   |

DETERMINATION (CIRCLE NUMBER)  
 1. CLASSIFICATION RETAINED  
 2. CLASSIFICATION CHANGED  
 3. CONTAINS NO DOE CLASSIFICATION  
 4. COORDINATE WITH:  
 5. CLASSIFICATION CANCELLED  
 6. CLASSIFIED INFO BRACKETED  
 7. OTHER (SPECIFY): With

Attachments: 3

1. TWA Jane Hall to Gen. Starbird 6/6/56
2. TWA Mr. York to Gen. Starbird 6/7/56
3. Memo to Gen. Starbird re Messrs. English and Fize 6/7/56

cc: General Manager  
 General Counsel w/o attachments  
 Director, Military Application w/o attachments  
 Director, Information Services w/o attachments

DECLASSIFIED  
E.O. 12958, Sec. 3.3

01SA200000127

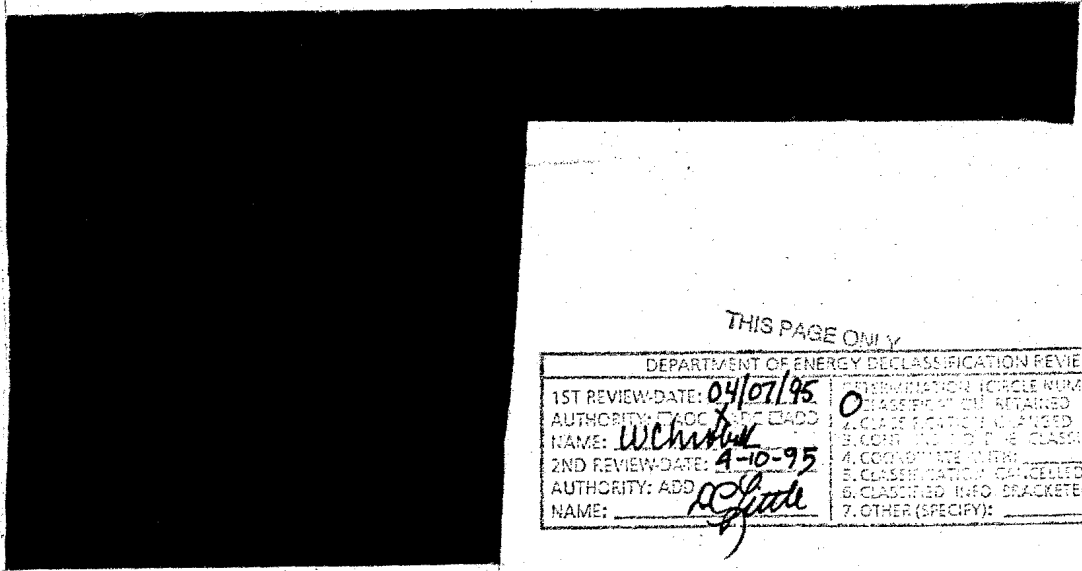
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| OFFICE ▶  | Secretariat  | <del>SECRET</del> | This document contains restricted data as defined in the Atomic Energy Act or the disclosure of such information in any manner as defined in transmittal manner to |
| SURNAME ▶ | WLOakley:dvg |                   |  |
| DATE ▶    |              |                   |  |

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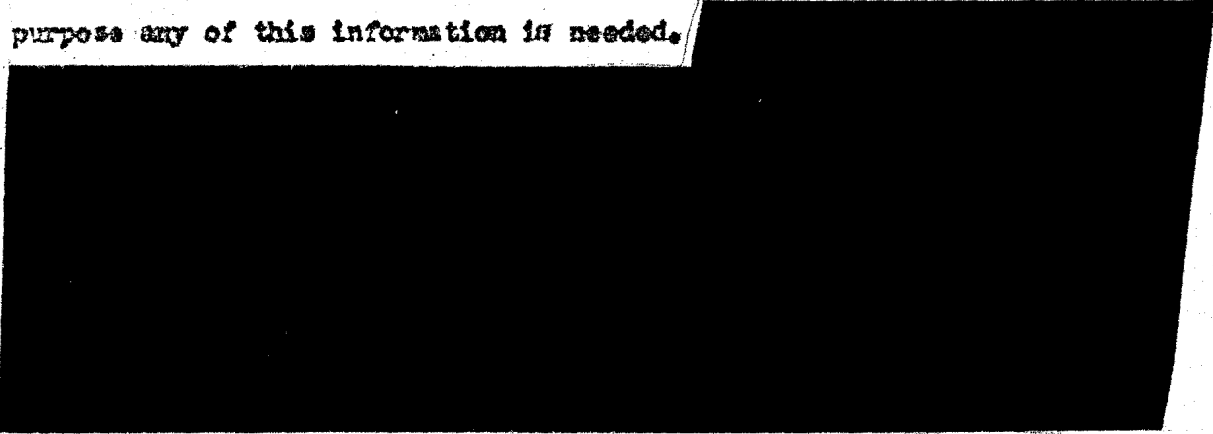


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6.1(a)

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|--|---------------------------------------|
| 1ST REVIEW DATE: <u>04/07/95</u>             | 0. DETERMINATION (CIRCLE NUMBER(S))   |
| AUTHORITY: FAC/AD/EE/ADD                     | 1. CLASSIFICATION RETAINED            |
| NAME: <u>W. Christ</u>                       | 2. CLASSIFICATION CHANGED TO:         |
| 2ND REVIEW DATE: <u>4-10-95</u>              | 3. CONF. INFO TO BE DECLASSIFIED INFO |
| AUTHORITY: ADD                               | 4. CORRECTIVE ACTION:                 |
| NAME: <u>W. Christ</u>                       | 5. CLASSIFICATION CANCELLED           |
|  | 6. CLASSIFIED INFO BRACKETED          |
|  | 7. OTHER (SPECIFY):                   |

We do not understand your second question because we do not know for what purpose any of this information is needed.



DOE  
6.1(a)

If we knew the probala we might be able to provide more pertinent data and advice. For example, we could, given additional time, send corrected isotopic uranium ratios from MIKE and CASTLE shots if this information would assist. Reference AD-507.

Distributions:  
1D thru 6D: General Manager's office  
7D: General Starbird's file

HESkinner/pae

Incoming LASL TWX DMA 6-587h  
(serial no. S-14TA)

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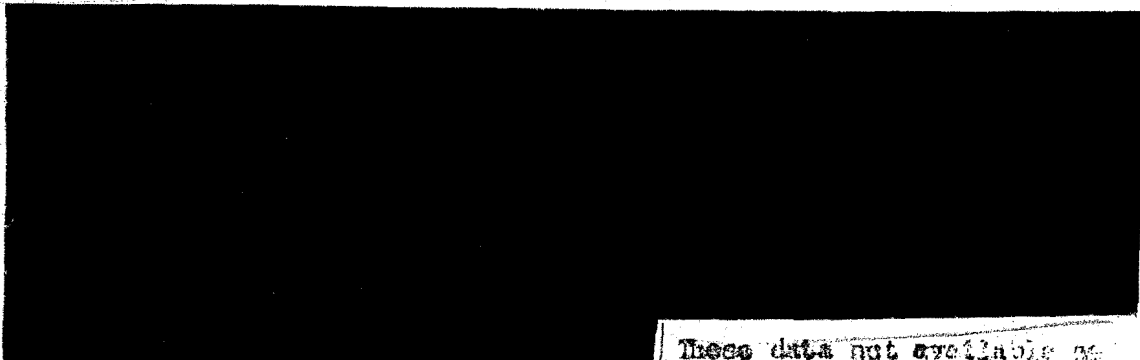
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2.1  
-295

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DOE  
6.1(a)

These data not available as

yet. Should additional ideas appear on further consideration, will  
pass them along. Ref. S-420

Distributions  
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RSSkinner/p.e

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| NAME: <u>[Signature]</u>                                 | <input type="radio"/> 2. CLASSIFICATION CHANGED TO:         |
| DATE: <u>4/11/95</u>                                     | <input type="radio"/> 3. CONTAINS NO DOE CLASSIFIED INFO    |
|  | <input type="radio"/> 4. COORDINATE WITH:                   |
|  | <input type="radio"/> 5. CLASSIFICATION CANCELLED           |
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|  | <input type="radio"/> 7. OTHER (SPECIFY):                   |

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Office Memorandum • UNITED STATES GOVERNMENT

TO : Mr. John A. S. Stachard, Director, Division of Military Application

DATE: 7 June 1954

FROM : Mr. [redacted] and P. C. Fite

SUBJECT: REMOVAL INDICATION OF CLEAN WEAPON TESTS

[redacted]

DOE  
6.1(a)

The following is our understanding of the situation, based on expectations and not yet on any experimental evidence from the Rassoon detonation.

[redacted]

DOE  
6.1(a)

With regard to possibility (1) above, if this were the source of a large part of the yield of multimegaton devices, hundreds of kilograms of special nuclear material would have to be consumed and even more would have had to be present initially. This would be a very expensive device and would not appear reasonable.

With regard to possibility (2) above, analyses of the debris of "clean" devices would indicate low values of the following ratios compared with the values that could have been obtained from the debris of other

|  |   |
|--|---|
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| SINGLE REVIEW AUTHORIZED BY:<br><b>DOE 5650-2B</b> | 1. CATEGORY OF (CIRCLE NUMBER(S))<br><b>0</b> |
| REVIEWER (ADD):                                    | 2. CLASSIFICATION APPLIED TO:                 |
| NAME: <b>WChapin</b>                               | 3. CONTAINS NO DOE CLASSIFIED INFO            |
| DATE: <b>04/07/95</b>                              | 4. COORDINATE WITH:                           |
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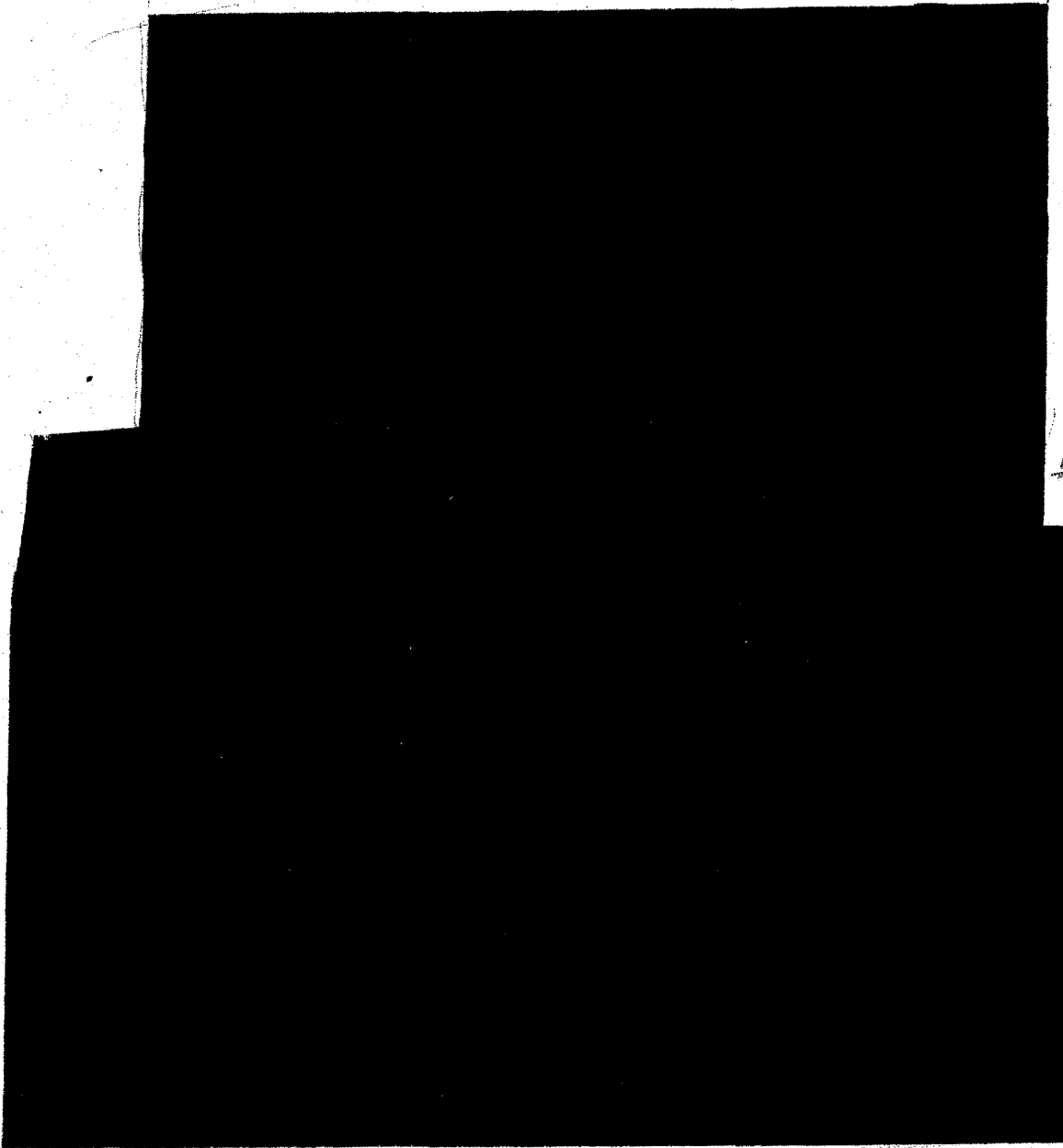
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Enlg. Ser. A.D. Starbird

-2-

multimegaton shots:



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6.1(a)

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E.O. 12958, Sec. 5.5

NW 972006 B  
By DM LK Date 8/15/05

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