

LANL

A-91-048

File = 150-17

400408

18651

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| 2                                     | Chief of Staff                  | ARW<br>13 Mar | FILE             |
|                                       |                                 |               | INFORMATION      |
| 3                                     |                                 |               | NECESSARY ACTION |
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### REMARKS

1. I have believed since my early reviews of the GREENHOUSE reports reference activity in the stem at specific altitudes versus yield of the bomb that large yield devices produce very little radio activity in shot area other than debris thrown out of the crater and dropped in its immediate vicinity. I heartily concur in CDR Pate's paper and believe that good clear dry weather would be a welcome asset to our operation, rather than the requirement of northerly flow dictated by radiological hazard which inevitably produces moisture and clouds.

2. Providing close in fall-out is considered and the low altitude trade winds are in the normal directions I see no pressing requirement for upper winds in a southerly direction. However, I suspect that the concept outlined in paragraph 3 and 4 will require a great amount of selling. I suggest the Weather Section make a report of the findings as early as practicable to be forwarded to the Deputy Commander for Scientific Matters for consideration.

|                                  |                              |                    |
|----------------------------------|------------------------------|--------------------|
| FROM NAME OR TITLE<br>LOS ALAMOS | BY<br>WILLIAM S. COWART, JR. | DATE<br>19 Mar .53 |
| Grade<br>S, J-3                  | USAF<br><del>SECRET</del>    | TELEPHONE          |



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Replaces DA AGO Form 895, 1 Apr 48, and AFHQ Form 12, 10 Nov 47, which may be used.

T/199 (18651)

Classification changed to Unclassified by authority of the U.S.D.O.E.

Per M. Paukratz, TSM, FSS-16, 6/7/94  
(Sig. of person authorizing change, title, org., date)

J.A. Brown, Dep. GL, FSS-16, 6/7/94  
(Sig. of second reviewer, title, organization, date)

PUBLICLY RELEASEABLE  
OS-6 M. Paukratz, 6/7/94

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