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APR 7 1954

Mr. McKay Donkin
Special Assistant to the Chairman

Brigadier General K. E. Fields, USA
Director of Military Application

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~~BY: [Signature]~~
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WHY THE PACIFIC TESTS SHOULD NOT BE DISCONTINUED

bol: MAT:WLG

1. Because we have a requirement established by the Joint Chiefs of Staff for a range of high yield weapons.
2. Because these are proof tests of some weapons which are already scheduled to enter the stockpile.
3. Because all our operations are directed to the end that we make most effective and economic use of available materials for defense purposes.
4. Because we are entering a relatively new, unexplored field whose potential can only be determined by full-scale tests.
5. Because the only previous high-yield proto-type utilized a liquid fuel which caused almost unacceptable operating difficulties. Therefore, search for effective and reasonably economic dry fuels must continue.
6. Because from an operational standpoint every effort must be made to reduce weapon size and weight to enhance deliverability capabilities.
7. Because another Joint Chiefs of Staff requirement is for a weapon of even higher yield than those previously tested, which is intended to obviate bombing errors while still producing maximum destructive effectiveness.
8. Because there are still newer theories as yet untried which must be furthered if we are to retain our leadership in the thermo-nuclear and atomic fields.
9. Because we have not unduly or intentionally hazarded anyone and we have no intention of so doing.
10. Because we have no assurance that other powers are not engaged in similar research.

CLASSIFICATION CANCELLED

BY AUTHORITY OF DoE-SSA-2 III-12 Technical
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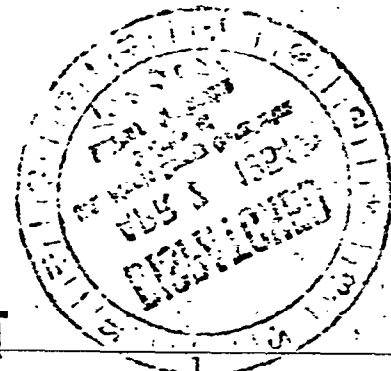
OFFICE ▶	MAT:WLGuthrie	MA:JArmstrong	MA:VGHuston	MA:KEFields
SURNAME ▶	[Handwritten]	[Handwritten]	[Handwritten]	[Handwritten]
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Mr. McKay Donkin

- 11. Because no one raised any "hue or cry" after the Russian tests. We seem to be the victims of a campaign directed to relinquishing our leadership in this field.
- 12. Because there are other related fields about which information vital to our defenses must be obtained. Radiological safety, blast effect, and related phenomena concerning high-yield weapons are of utmost importance to defense planning.
- 13. Because we need the best weapons we can get. The adages "Walk softly but carry a big stick" or "Keep your powder dry" have never been refuted.

K. E. Fields
 Brigadier General, USA
 Director of Military Application

Capt Guthrie/mbp
 1A: Addressee
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