

FROM: USAFC, WASHINGTON, D. C.

APRIL 12, 1954

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TO: CJTF-1, BANGOR, N.I.

INFO: USAEC, NYOC, NEW YORK, N. Y.

TO CLARSON AND GRAVES FROM FIELDS (INFO WILLIAM HARRIS, NYOC, AND DR. BUNNER)  
REFERENCE YOUR 111108Z. CAN WE BE OF ASSISTANCE IN GETTING MORE TUGS  
OR SHIPS ASSIGNED TO PLACE AND RECOVER RAFTS OR BOOYS OR TO COLLECT WATER  
SAMPLES IN THE OPEN SEA IN ORDER TO GET A BETTER PICTURE OF THE RADIOACTIVE  
FALLOUT FROM THE REMAINING SHOTS OF OPERATION CASTLE? IT IS BECOMING MORE  
AND MORE IMPORTANT IN OUR MINDS TO GET AS MUCH DATA AS POSSIBLE ON WHAT  
FRACTION OF THE RADIOACTIVITY PRODUCED FALLS INTO THE SEA FOR BARGE SHOTS  
AS WELL AS FOR SHOTS ON SURFACE OF CORAL. RESULTS GAVE US SOME  
INFORMATION ON CORAL SHOTS. WE WOULD HOPE TO GET DATA FOR BARGE SHOTS  
SOMEHOW FROM REMAINING TESTS. SUCH INFORMATION COULD BE A STRONG DETERMINANT  
OF EXTENT AND NATURE OF FUTURE HIGH YIELD TEST INCLUDING AIRDROPS AND MAR:PCF

E. S. Fields  
Brigadier General, USA  
Director of Military Applications

CC: Dr. Buehler, Director of Research and Development, NYOC

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2  
3  
4

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2-67