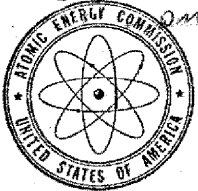


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UNITED STATES
REPOSITORY **ATOMIC ENERGY COMMISSION**
WASHINGTON 25, D. C.
COLLECTION RG 324 71-58 Secretary
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Dear General Loper:

This letter responds to your letter of January 22, 1958 which expressed interest in AEC plans for underground testing of nuclear devices in Nevada and requested information concerning these plans.

Attached hereto is a list of shots sponsored by the UCRL which we plan to fire in Operation MILLRACE at the Nevada Test Site in the fall of 1958. In addition to the listed shots, some consideration currently is being given to the firing of an underground shot of 20 to 40 KT yield in late fall 1958. A decision as to whether or not we shall proceed with this shot will be made after the Commission has had an opportunity to study it in greater detail.

In a December 13, 1957 letter to Chief AFSWP, the Director of Military Application concurred in an AFSWP proposal for direct contact between UCRL and AFSWP in organizing the Department of Defense participation in Operation MILLRACE. I will be happy to have members of my staff meet with appropriate DOD personnel to discuss funding when mutual plans for subject operation have been established.

As indicated in General Starbird's letter of May 6, 1957 members of the UCRL staff have done some preliminary thinking on the X-ray experiment. Assuming that a DOD requirement for an X-ray shot within the next eighteen to twenty months may develop, we have asked the UCRL to what extent that Laboratory presently could support such an experiment, considering current commitments. We will advise you of their answer.

Sincerely yours,

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1. REVIEW DATE: 03/25/82	DETERMINATION (CIRCLE NUMBER(S))
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Attachment:
List of shots - UCRL, cy 1A

Honorable Herbert B. Loper
Chairman, Military Liaison Committee

MA: LPC:ise
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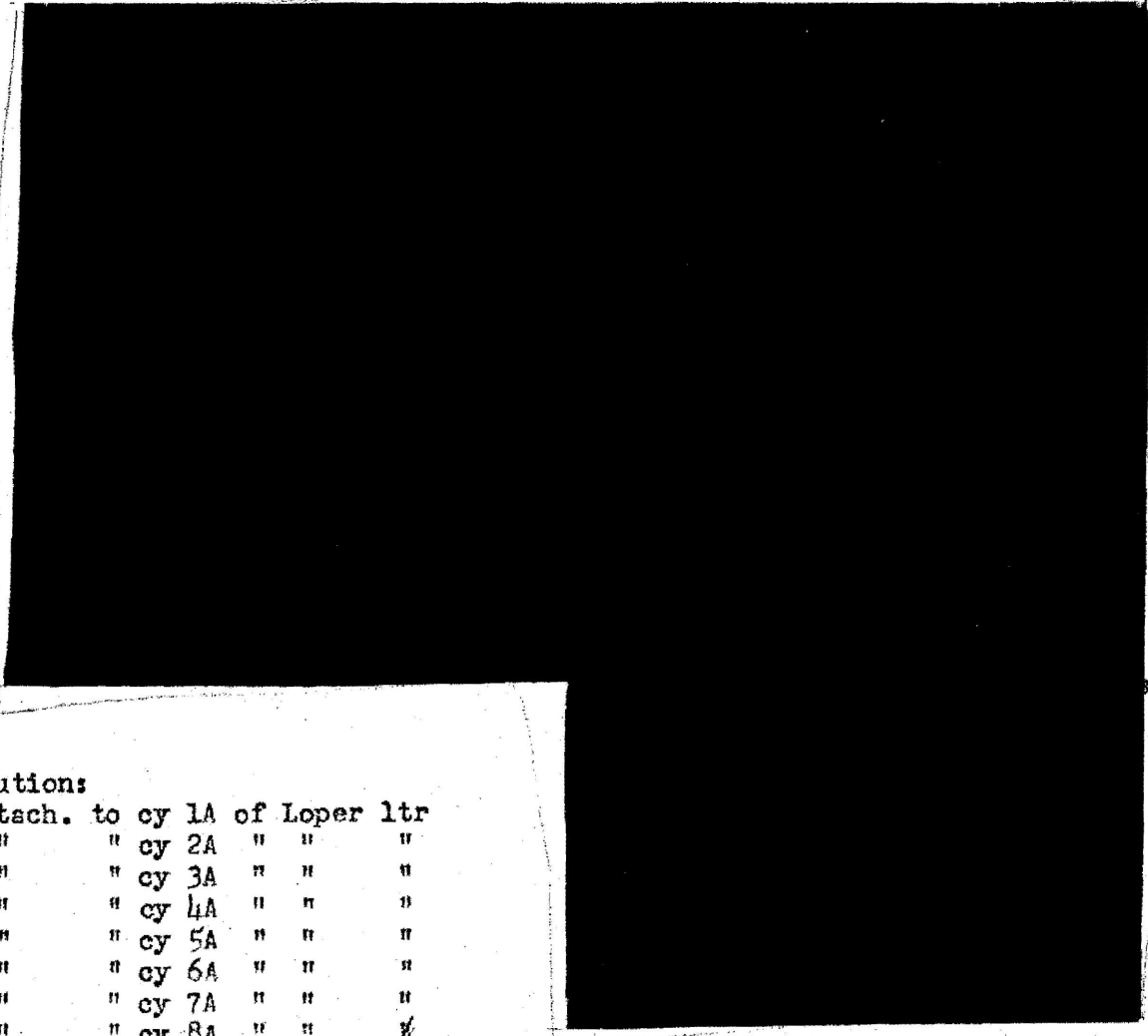
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OPERATION MILLRACE - NTS - FALL 1958



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