

UNCLASSIFIED

REF: 5403	DATE: 10/25
ROUTE #147	REMARKS
<i>W. T. Moffat</i>	<i>10/25</i>
MURPHEY	
W. T. MOFFAT	
G. W. ANDERSON	
DESTROY	
<input checked="" type="checkbox"/> FILE	<i>533</i>
RETURN	

OCT 25 1963

MR. W. T. MOFFAT - 7220

Re: Thunder Hole Shock Photography

- References:
1. Confidential Memo A.W. Blackwell, 8118-2, to Distribution; subject, Blast Simulation Facility Discussions, Albuquerque, October 10, 1963 (U), dtd 10/14/63
  2. Unclassified Memo with Attachment H. E. Lanander to L. E. Hollingsworth, dtd 9/25/63, subject, Shock Photography

Reference 1 is a summary of the results of a meeting held in Albuquerque on October 10, 1963 to discuss the general requirements which should influence the design and construction of the high explosive shock facilities in the Coyote Canyon area of SCSL. Reference 2 with its attachment outlines the type of photographic data we believe should be obtained during tests at these facilities.

Inexperience in the generation and study of extremely strong shocks which are of interest to the Bagpipe-ARES programs make it difficult to specify just what unique data one would expect to obtain from shock photography. Similarly, it is difficult to determine the effectiveness of other systems which have been proposed to describe the shock environment. The conclusions drawn in Reference 1 are, in our opinion, premature. We request that the program which you have undertaken to develop shock photography techniques be continued (possibly with use of borrowed SC owned equipment) with the goal of meeting the requirements specified in Reference 2.

Original signed by  
S. A. Moore

S. A. MOORE - 1540

RRNeel:1543;DMWebb:1541;db

Copy to:

- R. T. Othmer, 1541
- T. B. Cook Jr., 5400
- B. F. Murphey, 5410
- L. E. Hollingsworth, 7200
- W. T. Moffat, 7220; Attn: H. B. Austin, 7222
- L. E. Davies, SCLL, 8110; Attn: T. B. Lane, 8118
- G. W. Anderson, SCLL, 8140; Attn: D. E. Gregson, 8141
- S. A. Moore, 1540; Attn: P. F. Jones, 1543

SANDIA SYSTEMATIC RECLASSIFICATION REVIEW	
1 <sup>st</sup> Review Date: 3-19-97	Classification (Circle Number): 4
Author: <input type="checkbox"/> ADC <input checked="" type="checkbox"/> ASD <i>W. Lane</i>	2. Classification Reason:
3 <sup>rd</sup> Review Date: 4/2/97	3. Classification Change to:
ASDC/RY: <i>R. B. Craver</i>	4. Coordinate With:
Name:	5. Consider UCAF?
	6. Comments: <i>OK for [Signature]</i>

SANDIA SYSTEMATIC DECLASSIFICATION DOWNGRADING OF RECLASSIFIED	
CLASSIFICATION CHANGE TO: <i>a</i>	RECLASSIFIED BY: <i>R. B. Craver</i>
PERSON CHANGING MARKING & DATE: <i>Emelda Sapp 4/2/97</i>	RECORD ID: <i>97S101060</i>
PERSON VERIFYING MARKING & DATE: <i>Cornelia Sapp 4/2/97</i>	DATED: <i>4/2/97</i>

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