DECLASSINTED E.O. 12968, 500. 3.8 NWE 9720044 By Roy 132 Tase 2/28/08 SAC2001661100007 March Cont

AEC 952/35

COPY NO. 24

TICA ON ARALIZI

412033

SECRET-

March 11, 1958

ATOMIC ENERGY COMMISSION

SECRET

OFFICIAL OBSERVER PROGRAM FOR HARDTACK

Note by the Secretary

The General Manager has requested that the attached report by the Director of Military Application be circulated for consideration by the Commission during the week of March 17, 1958.

REPOSITORY NHA / Colley Park COLLECTION # C 324 51-58 Decentary BOX No. 182 (NO3-326-93-010) FOLDER MRA 7 Routlach, V2

W. B. McCool Secretary

DISTRIBUTION	COPY NO.	
Secretary	1	
Commissioners	2 - 6,30	
General Manager	7	
Deputy Gen. Mgr.	8	
Asst. Gen. Mgr.	9	
Asst. Gen. Mgr. IA	10	
Asst. Gen. Mgr. Adm.	īī	
General Counsel	12-13	When separated from enclosures,
Biology & Medicine	14	handle this document as
Congr. Relations	15	-OFFICIAL USE ONLY
Informaticn	16-17	
Military Application	18-21	1 The state of the second second second
Operations Analysis	22	CONFIRMED TO BE UNCLASSIFIED
Security	23	MINICATION CHINOLASSI - CATION DATE: 03/31/95
Secretariat	24-29	Aline
Beorevaria		
	RESPRECTED	DATA
This document	contains re	stricted data as
		rgy Act of 1954.
		sclosure of its

contents in any manner to an unauthorized

person is prohibited.	Reg to a local sector of the s	
DELANTMENT OF ENERCY DECLASED CATION REVIEW IST REVIEW-DATE: 03/05/02 DETERMINATION [CIRCLE NUMBER(S)]	DECLASSIFIED E.O. 12968, Soc. 3.6	
AUTHORITY: DAOK MADE DADD NAME: Bellin the darmer 2ND REVIEW DATE: 101602 AUTHORITY: NOD CASSIFICATION CHANGED TO AUTHORITY: NOD CASSIFICATION CANCELLED CLASSIFICATION CANCELLED CLASSIFICATION CANCELLED SCLASSIFICATION CANCELLED CLASSIFICATION CA	IRET By pm LTC Date 7/25/05	Q-11
mi-diag	5) NWDD 972006A-328 NICA. 2006A-328	

SECRET

(

CRET

-F-

This document consists of 11 pages Copy No. 24 of 30 Series "A"

ATOMIC ENERGY COMMISSION

OFFICIAL OBSERVER PROGRAM FOR HARDTACK

Report by the Director of Military Application

THE PROBLEM

1. To consider the official observer program for HARDTACK.

SUMMARY

2. For each past test series an official observer program has been carried out to permit important individuals in Government, including the AEC and the DOD, to witness a shot and be briefed on test site activities. Staff discussions have been underway with the DOD as to the HARDTACK official observer program. AEC 952/30 circulated a letter dated February 7, 1958, from Deputy Secretary Quarles proposing certain aspects of a HARDTACK program, some of which had already been discussed with the DOD staff. The more important points covered by Secretary Quarles' letter were:

a. The program should be reduced over that of recent series. A total of 75 observers was suggested, 45 spaces would be filled by the DOD, and 30 by the AEC.

b. Observers should be scheduled to witness only more significant shots and be prepared to remain until a shot occurred.

c. Certain foreign observation should take place. There should be three each observers from the United Kingdom, Canada and Australia counted against the 45 DOD spaces. In addition there should be a NATO observer group, not included in the above spaces

-RESTRICTED DATA-This document contains restricted data as defined in the Atomic Energy Act of 1954. Its transmittal or the disclosure of its contents in any manner to an unauthorized person is prohibited. CLARATORERI LE LEBERGY DE CLASSIFICATION REVIEW IST REVIEW-DATC: 03/31/95 AUTHORITY: ENOC VALCEADD NAME: WCMARTAR 2ND REVIEW-DATE: 3131/95 AUTHORITY: ADD AUTHORITY: AUTHORITY: AUTHORITY AUTHORITY: AUTHORITY AUTHORITY AUTHORITY A INERGY DECLASSIFICATION REVIEW

- 1 -

C. CLASSIFIED INFO BRACKETED C. CLASSIFIED INFO BRACKETED Z. 7. OTHER (SPECIFY): WITH ATTACHMENTS/ENCL

4327-1262-2-1

329

AUTHORITY: EASC XAD NAME: WChartan ZND REVIEW-DATE: 313 AUTHORITY: ADD

NAME:

3. Relative to the point of curtailing the scope of the program, we planned for REDWING six observer trips of about 20 persons each split 60 to AEC and 60 to the DOD. The AEC invited some 100 persons who might be termed "high Government officials" or high AEC subcontractor officials of whom only some twenty-five were able to make the trip. Both the AEC and DOD found themselves filling out the six scheduled trips with quite junior people and often with people not too directly concerned with important aspects of the program. We believe that it is entirely probable that the 30 spaces for AEC will cover all those who should and will be able to accept. If not, however, it will be necessary that added trips be scheduled. We shall not be able to determine the exact number of spaces needed until after invitations have been issued and answers received. We propose that invitations be issued to the individuals named in Appendix "A" which is a listing quite similar to the invitation list of REDWING.

SECRET

4. As to scheduling for particular shots, last minute changes in past tests have caused confusion particularly when officials have been led to believe that they will see a specific shot. In discussion with General Loper and General Luedecke, we have agreed that we shall tell the invitees that certain trips will leave at certain times and be away for a certain period. It is unreasonable to expect that individuals will answer an invitation realistically until we can spell out better the time away and the date of departure. For that reason our invitations would be worded similar to Appendix "B". These would specify that observer trips would depart in mid-April late April, mid-May and early June (See Appendix "D")

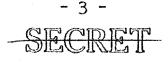
- 2 -

5. The first trip would be one to arrive to witness the W47KA Very High Altitude shot. It is possible that this trip of some 15 to 17 total spaces will be over-subscribed, particularly in view of the high interest of the DOD in this shot. For that reason our invitations to those of Cabinet Officer rank and to the JCAE would list all four of the observer shots as available, whereas invitations to other individuals would list only the three later trips.

FRRFT

6. As to the foreign observers suggested, it is believed the AEC should offer no objection if the matter is properly coordinated with the Department of State. The U.S. has agreements for military cooperation will all the nations or organizations concerned. Tentatively the DOD had been thinking of splitting the foreign observers (except the NATO group) into three separate groups. It would appear much more convenient to consolidate the United Kingdom, Canadian and Australian observers into one group for reasons given in the attached proposed letter to the DOD (Appendix "C"). The Joint Task Force is now planning to effect this consolidation for the U.K., Canadian and Australian observers.

7. Mr. Quarles' letter informs the Commission that the Commander, JTF-7 will give a briefing later to serier NATO personnel. From informal discussion it is understood that this would be to the NATO international staff. It would have to be limited, insofar as atomic information is concerned, to data judged transmissible by the AEC and DOD (unless the new law specifies some different procedure). With the close of the operational period the Commander, JTF-7 is no longer responsible to the AEC but becomes entirely a Commander of the military forces. As such, what he does then is not an AEC responsibility



even in part. It is believed that the Commission should offer no comment as to this briefing.

SECRET

STAFF JUDGMENTS

8. The Office of Operations Analysis and Planning, Division of Information Services, and the Office of the General Counsel concur in the recommendation of this paper.

RECOMMENDATION

9. The General Manager recommends that the Atomic Energy Commission:

a. <u>Approve</u> the sending immediately of an invitation generally similar to Appendix "B" to the individuals listed in Appendix "A".

b. Note that dispatch of Appendix "B" to the Joint Committee will serve as notification of the program and an invitation to its Chairman and the Committee as a whole, but that similar but somewhat abbreviated letters will be sent to the individual members of the Joint Committee.

c. <u>Approve</u> the dispatch of letter (Appendix "C") to the Secretary of Defense concuring in part in the Secretary's proposals and suggesting certain modifications.

LIST OF ENCLOSURES

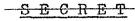
APPENDIX	^н Ап	- Proposed Invitation List	5
APPENDIX	"B"	- Draft Letter of Invitation	7
APPENDIX	"C"	- Draft Letter to the Secretary of Defense.	9
APPENDIX	"D"	- Operation HARDTACK Detonations Designated Specifically for Observers	11

SECRET

Ц -

Page No.

SECRET



APPENDIX "A"

PROPOSED INVITATION LIST

Executive Branch Officials

Vice President Mr. Richard Nixon Secretary of State Mr. John Foster Dulles Secretary of Treasury Mr. Robert Anderson Secretary of (the) Interior Mr. Fred A. Seaton The Assistant to the President Mr. Sherman Adams Director, National Security Council Mr. Robert Cutler Special Assistant to the Mr. Frederick M. Dearborn, Jr. President Director, CIA Mr. Allen Dulles Director, Bureau of Budget Mr. Percival F. Brundage Director, Office of Defense Mobilization Mr. Gordon Gray Chairman, Operations Coordinating Board Mr. Christian Herter Director, U.S. Information Mr. George V. Allen Agency Administrator, FCDA Governor Leo Hoegh Deputy Administrator, FCDA Mr. Lewis E. Berry, Jr. Chairman, Interdepartmental Committee on Internal Security Mr. J. Walter Yeagley Chairman and Commissioners AEC 5

Legislative Branch Officials

Chairman, JCAE Vice Chairman, JCAE Member, JCAE Member, JCAE Member, JCAE Honorable Carl T. Durham Senator Clinton P. Anderson Senator Richard B. Russell Senator John O. Pastore Senator Henry H. Jackson

Appendix "A"

<u>S E C R</u>	<u>-E-T</u> -
	• • •
Member,	JCAE
Chairma	

Chairman, Senate Appropriations Committee

Chairman, House App. Comm. & Public Works Subcommittee

Chairman, AEC Unit of PW Subcommittee Senate App. Comm. Senator Albert Gore Senator Bourke B. Hickenlooper Senator William F. Knowland Senator John W. Bricker Senator Henry C. Dworshak Representative Chet Holifield Representative Melvin Price Representative Paul J. Kilday Representative John J. Dempsey Representative James E. Van Zandt Representative James T. Patterson Representative Thomas A. Jenkins Representative Craig Hosmer

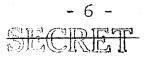
Senator Carl Hayden

Mr. Clarence Cannon (13 in Public Works Subcomm.)

Senator Lister Hill (6 not included as members of JCAE or Sen. Hayden)

AEC Advisors and Contractors

GAC	9
Regents, University of California	3
American Tel. & Tel.	1
General Electric	1
duPont	1
Carbide	1



Appendix "A"

- E hander

SECRET

APPENDIX "B"

DRAFT LETTER OF INVITATION

1. As had been customary for past test operations, an official observer program is contemplated for Operation HARDTACK. It is intended through this program to offer to responsible governmental authorities having responsibility in the military nuclear field the opportunity to observe one of the more significant test detonations. It is my hope that you and others of the Joint Committee will be able to spare the time to see one of the shots and to be briefed in the Proving Ground of activities there.

2. The initial shot of the series is scheduled to occur shortly after mid-April. Special mission aircraft will be arranged to leave Washington periodically, to remain in the Proving Ground for a reasonable time, and then to return the observers to the United States. The first trip is tentatively scheduled to leave on or about 15 April; the second about 28 April; the third about 15 May; and the fourth in early June. The aircraft will proceed directly from Washington to the Proving Ground, arriving approximately two days before the shot is ready. It will remain there up to ten days unless the shot to be observed is fired earlier and thereafter return to Washington. The total time that an observer could be expected to be away from Washington would be between ten days and two weeks.

3. On January 21 the Military Applications Subcommittee of your Committee was briefed on the plans for HARDTACK. During the briefing certain members asked that investigation be made as to the possibility of advancing the series so that a Congressional group could witness a shot during the Easter recess from approximately April 4 to April 13. We have investigated this matter

Appendix-"B"



- 7 -

<u>secret</u>

but, unfortunately, find it impossible to advance any firings into the earlier period.

SECRET

4. I would like to repeat that it is my hope that you will be able to make a trip to the Proving Ground. I shall have a member of the Division of Military Application contact you shortly to explain what might be seen on any particular trip.

5. I am writing similarly to the other members of the Joint Committee and will have them visited also by a representative of the Division of Military Application.

Appendix "B"

336

SECRET

- 8 -

RET

APPENDIX "C"

DRAFT LETTER TO THE SECRETARY OF DEFENSE

1. We have studied Mr. Quarles' letter of February 7, 1958, concerning the Department's proposal for an observer program for HARDTACK. Our comments are as follows.

2. We agree that the planned observer program for HARDTACK should be reduced over that of REDWING. Experience in REDWING indicated that a lesser number of high officials concerned with the program could make the trip than had been planned. Tentatively, therefore, we accept that planning for the HARDTACK program be on the basis of 75 official observers with a division of 45 to the Department of Defense and 30 to the Atomic Energy Commission. However, it is necessary and is our intent to invite the high governmental, AEC and contractor officials concerned with the program and named on the attached list. This listing resembles quite closely the invitation list for REDWING. Should acceptances exceed 30 we would expect that arrangements be made to transport and accommodate the additional required.

3. It is necessary, of course, that we transmit our invitations immediately if we are to receive early information as to those who will attend. To do this it is necessary that we give a tentative timing for observer trips - both date of departure and duration. The Director of Military Application has coordinated with the Commander, JTF-7 and with General Loper to agree on information to be given in this regard. Invitations will state that present plans contemplate observer trips leaving the United States in mid-April, late April, mid-May and early In connection with the time in the Proving Ground, we June. believe it unrealistic to promise observers that they will remain Appendix "C"



- 9 -

-DECIVII

SECRET

until they see a particular shot. In the past larger shots have been delayed for periods of up to twenty days, and there have been occasions where a shot had to be rescheduled for technical reasons even after observers had started their travel. We believe it preferable to state that the aircraft will normally remain in the Proving Ground for a period of 10 days unless the shot to be observed occurs earlier. In view of these considerations, our invitation will tell the invitees they can expect to be absent from Washington for 10 to 15 days.

4. With regard to foreign observation, the Commission has no objection to the observance your letter indicates as contemplated by the Department. We understand that the nine observers from Australia, Canada and the United Kingdom may be either military or civilians. We have been informed by General Loper's office that the necessary concurrence of the Department of State has been secured.

5. It is understood that the nine UK, Canadian, and Australian observers will be taken to and from the Pacific separately from U.S. official observers and it is planned that they will observe the VHA prime shot. We further understand that a special trip separate from the above and not including U.S. official observers is contemplated to depart on or about 1 June to accommodate the NATO observers. We believe that such arrangements will permit freer discussion by U.S. attendees while enroute to and from the Proving Ground and will minimize the problems of group segregation for briefing and tours in the forward area.

- 10 -

Appendix "C"

APPENDIX "D"

DECLASSITIED DECLASSITIED D. 1888, 80. 88 WW: 9720064	G	OPERAL	TTON HARDTACK D							
148				ETONATION DES	IGNATED SPECIFICALI	LY FOR (OBSERVI	SRS		• •
2 8 0	Detonation			Ready Observers		OFFICIAL OBSERVERS ALLOTTED				
	Code Name		Location	Date	In-Place Dates	DOD	AEC	FCREIGN	NATO .	TOTAL
918D 60.88 4 4 7/25/05	TEAK		BIKINI	16 Apr or 23 Apr	14 to 18 Apr er 21 to 25 Apr	10	8			18
	ORANGE BUTTERNUT SYC.MCRE CEDAR CACTUS		BIKINI ENIWETOK BIKINI BIKINI ENIWETOK	28 Apr or 7 May	26 Apr to 6 May or 2 to 10 May	10	7	9		26
- 11	WAHOO POPLAR YELLOWWOOD HOLLY		ENIWETOK BIKINI ENIWETOK ENIWETOK	15 May	12 to 17 May	8	8	-		16
	MAPLE TOBACCO ROSE FIR HICKORY		BIKINI ENIWETOK ENIWETOK BIKINI BIKINI	l June	28 May to 3 June				14	14
	UMBRELLA REDWOOD WALNUT		ENIWETOK BIKINI ENIWETOK	8 June	6 to 10 June	8	7	A.		15

(1)(A)

SECRET

ECRET