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3 October 1974

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NOTE TO THE HOLDERS OF JCS 1823/403 (4 DECEMBER 1958)

on

AEC NOVEMBER 1958 PLANNING ESTIMATES (U)

1. The Appendix to JCS 1823/403 is downgraded from ~~TOP SECRET/~~  
~~RESTRICTED DATA to SECRET/RESTRICTED DATA.~~

2. Holders are requested to add the following statement to  
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~~This material contains Restricted  
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person is prohibited.~~

This document consist of 7 pages.  
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Joint Secretariat

7	CLASSIFICATION CONTROL
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Doc No.	96-F-1123
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DEPARTMENT OF ENERGY DECLASSIFICATION REVIEW	
1ST REVIEW DATE: 04/28/95	DETERMINATION (CIRCLE NUMBER(S))
AUTHORITY: 28 CFR 1.50	1. CLASSIFICATION RETAINED
NAME: [Signature]	2. CLASSIFICATION CHANGED TO:
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J.C.S. 1823/403

4 December 1958

Pages 2677 - 2682 incl.

NOTE BY THE SECRETARIES

to the

JOINT CHIEFS OF STAFF

on

AEC NOVEMBER 1958 PLANNING ESTIMATES (U)

- References: a. J.C.S. 1823/375
- b. J.C.S. 1823/383
- c. J.C.S. 1823/384
- d. J.C.S. 1823/387
- e. J.C.S. 1823/391
- f. J.C.S. 1823/398

The enclosed memorandum by the Chairman, Military Liaison Committee, Department of Defense, dated 26 November 1958, together with its attachment (Appendix), is referred hereby to the J-5 for appropriate action.

H. L. HILLYARD,

J. O. COBB,

Joint Secretariat.

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- Adm. Miller (ACNO-P&P)
- Adm. Sharp (Op60)
- Gen. LeMay (VCSAF)
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- Gen. Martin (DD Plans, Air)
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- Gen. Hillyard (S/JCS)
- Capt. Cobb (DS/JCS)
- Secys, JSSC
- Secys, J3
- Secys, J5
- Secys, J1/J4
- Gen. Anderson (AFOAT)

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ENCLOSURE

DEPARTMENT OF DEFENSE  
Military Liaison Committee

26 November 1958

MEMORANDUM FOR THE CHAIRMAN, JOINT CHIEFS OF STAFF

SUBJECT: AEC November 1958 Planning Estimates (U)

- References:
- (a) Memo\* for the Chmn, JCS, from the Chmn, MLC, dtd 10 Jun 58, subj: "AEC May 1958 Planning Estimates and Weapons Development Status Report as of 1 May 1958", w/1 incl.
  - (b) Memo\*\* for the Chmn, JCS, from the Chmn, MLC, dtd 3 Jul 58, subj: "AEC May 1958 Planning Estimates and Weapons Development Status Report as of 1 May 1958", w/2 incl.
  - (c) Ltr\*\*\* to the Chmn, MLC, from the Chmn, AEC, dtd 21 Nov 58, concerning the above subj w/Attachments "1", "2", and "3".\*\*\*\*

1. A copy of the Atomic Energy Commission's November 1958 Planning Estimates\*\*\*\* (reference (c)), is inclosed for your information.

2. Your attention is invited to the fact that the Weapons Development Status Report, normally received concurrently with the Planning Estimates, is not included with reference (c). A delay of approximately 30 days is anticipated in receipt of the Development Status Report.

3. Comments of the Military Liaison Committee will be forwarded after completion of Committee action.

4. The keys to reference (c) will be forwarded by separate memorandum.

/s/ Herbert B. Loper  
Chairman

- \* Enclosure to J.C.S. 1823/383  
\*\* Enclosure to J.C.S. 1823/387  
\*\*\* Appendix hereto  
\*\*\*\* Not reproduced herewith; on file in Joint Secretariat *ezl*

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Enclosure

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A P P E N D I X

UNITED STATES  
ATOMIC ENERGY COMMISSION

AUTHENTICATED November 19, 1958  
U. S. ATOMIC ENERGY COMMISSION  
BY: A.D. Starbird/G.J. Keto  
DOCUMENT NO. LXI-5163-17-B.  
Series "C"

21 November 1958

Honorable Herbert B. Loper  
Chairman, Military Liaison Committee

Dear General Loper:

The November 1958 Planning Estimates\* are transmitted herewith. The Commission is currently preparing a production program designed to meet the special nuclear material requirements stated in the Acting Secretary of Defense's letter\*\* of October 16, 1958. In conjunction with this effort we are, of course, effecting jointly a comprehensive review of the predicted diversions of or alloy for purposes other than weapons.

In view of this situation, we have not attempted herein to project special nuclear material forecasts beyond FY 1962. The current material estimates through FY 1962, Attachment 1 hereto, do not differ significantly from those provided in the May 1958 Planning Estimates.\*\*\*

The forecast of weapon deliveries, Attachment 2, is essentially as that contained in the May 1958 Planning Estimates for July 1, 1959 and July 1, 1960 except for the following:

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- \* Not reproduced herewith; on file in Joint Secretariat
  - \*\* Enclosure to J.C.S. 1823/398
  - \*\*\* Appendix to J.C.S. 1823/383

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Appendix

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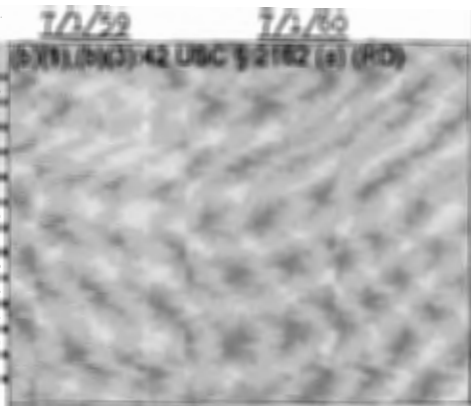
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Mark 28 weapons	.....
Mark 30 warheads	.....
Mark 35 warheads	.....
Mark 49 warheads	.....
Mark 41 Bomb (new class B TN)	.....
Mark 36 Bomb (old class B TN)	.....
Mark 27 Bomb	.....
TX 46	.....
Mark 15 Bomb	.....
Mark 40	.....
Mark 12	.....
Mark 39 Y2 warhead	.....
Mark 39 B/WCC	.....



In the May 1958 Planning Estimates and again in the General Manager's letter\* of July 30, 1958, we indicated that we could not then give positive assurance of being able to meet the planned schedule of (b)(1),(b)(3):42 USC § 2162 (a) (RD)

Persistent difficulties in manufacturing some components and production startup problems have caused initial production rates to be low. As a result, meeting the presently planned schedule for July 1, 1959 would require an acceleration of production to a point beyond our capability. You will recall that in the May Planning Estimates in an effort to effect a more likely attainable and economical production workload that



and requested whether such would be militarily acceptable.

Your letter\*\* of October 14, 1958 to the Chairman, AEC requested a proposed program which incorporates the desired production delays. A recent review of our production capabilities indicates that we can produce (b)(1),(b)(3):42 USC § 2162 (a) (RD)

with completion of the program in October 1959. Details of the proposal are contained in Attachment 2.

\* Annex to Note to Holders of J.C.S. 1823/375, dated 15 August 1958

\*\* See Note to Holders of J.C.S. 1823/375, dated 17 October 1958

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Our May 1, 1958 Planning Estimates indicated 60 Mark 30 DOD  
warheads for July 1, 1959. Since the most recent JCS guidance  
indicates the same number of this type weapon for July 1,  
1960, I propose that the July 1, 1959 number be reduced to  
30 to be consistent with missile availability. DOD

The July 8, 1958 letter\* from the Chairman, AEC to  
Mr. Quarles advised that due to the results of [REDACTED]

[REDACTED]

Since this letter also states

a requirement for the Mark 35 warhead, I assume that the  
July 8, 1958 letter did not arrive in time to be considered  
in the August 6 guidance. Consequently, we still plan to  
produce additional Mark 49 weapons instead of Mark 35's.  
However, in the absence of a reply to our July 8 letter, we are  
planning to start production of this high yield version of the  
Mark 49 (Mark 49 Y-2) in November 1958 with first production  
units delivered in January 1959. Numbers have been increased  
slightly to provide a smoother workload throughout the  
production period.

[REDACTED]

To compensate for the reduction, we have

retained a like number of Mark 30 weapons.

\* Appendix to J.C.S. 1823/391

\*\* See Note to Holders of J.C.S. 1823/384, dated 12 August 1958

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Deliveries of the Mark 27 bomb are reduced due to the non-availability of certain electro-mechanical components.

As requested by letter from the Chairman, MLC dated October 16, 1958 we have discontinued development work on the TX-46. To partially compensate for this reduction in deliveries we do not now plan to retire any Mark 15 weapons during this time period.

The Mark 40 program has been rescheduled to provide a smoother production approach to the July 1, 1960 numbers. The numbers for the Mark 12 bomb, the Mark 39 Y-2 warhead and Mark 39 B/WCC have been revised to satisfy the latest JCS guidance on the desired composition of the stockpile for July 1, 1960.

Attachment 2 also provides in as much detail as is now possible the planned net withdrawals from stockpile for the stockpile sampling program as of the dates indicated. Programs which indicate zero withdrawals should not be interpreted to mean that stockpile sampling is not being conducted but rather withdrawals and all returns are made within the quarter.

Results of HARDTACK, Phase I are attached. In view of the conclusion of HARDTACK Phase II concurrently with the date of these estimates, our report of these tests and the status of development projects will be forwarded later after preliminary analyses can be completed.

Your concurrence in the forecasted weapons deliveries is requested.

Sincerely yours,

/s/ John A. McCone  
Chairman

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Appendix