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OMWR-1

Acceleration of G Agent Program

ACofS, G-4

Chief, Chemical Corps

14 April 1950

ATTN: Maj Gen C.G. Helmick

Major Lewis/2898/gps

1. Pursuant to informal request from your office (Colonel Willis), the project program for Chemical Warfare may be brought into consonance with an unofficial scheduled date of 1 January 1953 for G Agent production by the time schedule and funding requirements shown on the attached table, which is based on certain specified assumptions.

2. M-Day military requirements for GB are presently estimated to be 48,000 tons. If it is anticipated that the 25-ton per day plant would be operated to meet this requirement, beginning 1 January 1953, 5-1/2 years continuous sustained operation is indicated. Attention is specifically invited to the period of test operation shown on the table, which is probably the minimum requirement for proving the plant and training the necessary operating personnel. If, at the end of this period, the plant is to be put in standby underpower, it is estimated that three months and \$1,000,000 would be required for this purpose and that the annual maintenance cost would be approximately \$250,000.

3. The proposed 25-ton per day plant would be the first of its kind to be built. Since process development, plant design, and test operation will have been completed on this plant and a background of experience attained, it is estimated that additional units can be built for about \$20,000,000 each. The estimated military requirement for GB is 2,000 tons per month. Three plants will be required to meet these M-Day projected plans.

470.6
X121.2

1 Incl.
Table



gmB
A. G. McAULIFFE, Major General
Chief, Chemical Corps

*hand
carried by
col. Allen*

GROUP 4
DOWNGRADED AT 3 YEAR INTERVALS
DECLASSIFIED AFTER 12 YEARS
DOD DIR 5200.10

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WRL 621

4-13-1950

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G AGENT MANUFACTURING AND MUNITION LOADING PLANT

25-TON PER DAY

<u>PHASE</u>	<u>TIME SCHEDULE</u>		<u>TOTAL</u>	<u>FUNDING REQUIREMENT AVAILABLE THROUGH FISCAL YEAR 1951</u>		<u>ADDITIONAL NEEDED</u>	<u>REMARKS</u>
	<u>START</u>	<u>COMPLETE</u>					
Process Dev.	-	6/30/51	\$ 620,000	\$620,000			To be continued as required.
Plant Design	7/1/50	12/31/51	1,250,000	109,000		\$ 1,143,000	Includes selection and adaptation to site.
Construction	5/1/51	6/1/52	25,000,000	-		25,000,000	Includes ancillaries.
Test Operation	6/15/52	12/20/52	6,000,000	-		6,000,000	Test and training.
Production	1/1/53		-	-		-	750 tons/month.
Grand Totals			\$52,870,000			\$ 32,143,000	

Operating Cost - \$2,250,000 per month; \$27,000,000 per year.
\$99,000 tons per year - loaded into munitions.

ASSUMPTIONS:

- Plant to be built on a Chemical Corps Production Arsenal.
- Resumption of wartime funding and contracting practices; letters of intent and cost-plus-fixed-fee contracts.
- Relaxation of manpower ceilings.
- Cost of munition components not included under operating costs.

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