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E-13

SAFSS

Maj Mr. Mazza/nac/7 Dec 64
QUILL

1964 DEC 8 08 16

7 December 1964

MEMORANDUM FOR BCG/DIA
ATTN: Major [REDACTED]

SUBJECT: Project QUILL, Product Security Control and
Classification

REFERENCE: BYE-25062-64
BYE-23508-64

Reference is made to our recent conversation with
respect to security controls and handling which will be
afforded the products of Project QUILL.

I am forwarding referenced correspondence for your
information.

- 2 Atchs (Series A, Cy 1)
- 1. BYE-25062-64
- 2. BYE-23508-64

LOUIS F. MAZZA
Chief Security Officer
(5) NRO Staff

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By 2359664

SEC - A - 4 - 1

~~SECRET~~ QUIL

30 Nov
H. M. has
seen
[Signature]

BYE-25062-64
Copy 1 of 4

MEMORANDUM FOR: Director, National Reconnaissance Office

SUBJECT : End-Product of Project QUIL

1. Consideration has been given to the controls which should be placed upon the end-product from the currently planned tests of Project QUIL over territory within the United States.

2. After consultation with representatives of your Office and of Program Director "A", a decision was reached that for the present time the end-product of Project QUIL should be protected under the BYEMAN Security Control System. This was based upon the following:

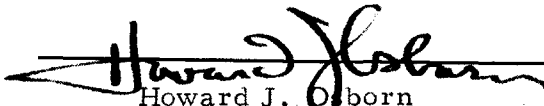
a. Project QUIL is presently only a feasibility experimentation;

b. Present plans call for the experimental scanning to be of U. S. territory only and with no intelligence resulting;

c. If at a later date it is decided to use QUIL operationally for intelligence collection, further consideration will be given to the control of the end-product.

3. It is requested that you advise Program Director "A" of this decision.

FOR THE DIRECTOR OF CENTRAL INTELLIGENCE


Howard J. Osborn
Director of Security

~~SECRET~~ QUIL



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DEPARTMENT OF THE AIR FORCE

WASHINGTON

QUILL
SAFSS

OFFICE OF THE UNDER SECRETARY

1964 NOV 16 13 34
16 November 1964

MEMORANDUM FOR CHIEF, SSC/CIA

SUBJECT: Project QUILL Security Plan

The provisions outlined in the attached plan will be incorporated into an overall Project QUILL Plan which is being prepared by the QUILL Project Officer, SAFSP. You will be furnished a copy when completed.

1 Atch
QUILL Security Plan

Francis L. Lisciotti

FRANCIS L. LISCIOTTI
Major, USAF
Assistant Security Officer
~~(S)~~ NRO Staff

Copy to:
SAFSP

QUILL

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PAGE 1 OF 1

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TOP SECRET

PROJECT QUILL SECURITY PLAN

I. PURPOSE.

On 6 November 1964, a meeting was convened at the QUILL Processing Facility (AFSPPL), Westover AFB. This memorandum outlines results of discussions pertaining to security procedures, processing and handling of the QUILL product. Participating in these discussions were the following personnel:

Lt Col David D. Bradburn, SAFSP QUILL
Project Officer
Colonel [REDACTED], AFSPPL
Major [REDACTED], AFSPPL
Major Francis L. Lisciotti (S) NRO
[REDACTED], Goodyear-Aerospace Company

II. GENERAL.

QUILL is a feasibility demonstration of the satellite borne radar for ground mapping. In this experiment, radar data signals acquired over the U.S. will be recorded on photographic film. The initial image on the film will consist of doppler histories of radar returns from ground targets. Hereafter, this film will be identified as "data film". Another data film with the same returns recorded thereon will be physically recovered from the satellite recovery vehicle (SRV) at the end of the 4-day mission. Each data film is used as the input to an optical correlator located at the [REDACTED]. The output of the correlator is another film to be called a "radar map". The radar map will show imagery (identifiable objects on the ground). During the QUILL mission, data films will be generated from 3 sources: (1) New Hampshire Tracking Station (NHS); (2) Vandenberg Tracking Station (VTS); (3) recovered satellite film.

III. PROCESSING.

All the data films will be processed by the AFSPPL and forwarded to the [REDACTED]. The product resulting from the correlator at the [REDACTED] will be exposed but undeveloped film radar maps. The undeveloped film radar maps will be sent to the AFSPPL for processing, duplicating, and distribution. An exception to this will be Pass #8 and/or #8. Pass #8 data film will be picked up at the NHS by an AFSPPL courier, processed at AFSPPL, and couriered to the [REDACTED]. After correlating this data film to produce the radar

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Attachment

map, the [REDACTED], which has limited in-house film processing capability, will process this radar map for immediate engineering analysis. The purpose of this is to evaluate for equipment adjustment, if needed, in the satellite, at the tracking stations or in the optical correlator. If Pass #8 does not satisfy this requirement, they will repeat this process with Pass #9, which will be couriered from the VTS.

Processing at the AFSPPL will be done by TKH cleared individuals. The optical correlation and limited processing performed at the [REDACTED] will be by QUILL indoctrinated personnel. The AFSPPL will affix the classification "Secret" on the head and tail of the roll of film. A control number, prefixed by "BCS", will appear on the head end of the film, the spool, and the film can. Although a code punched at the beginning of the film roll will identify it as related to project QUILL, the actual word QUILL will not appear thereon. This will provide for greater flexibility in the event it is subsequently decided that the assistance of TKH only cleared elements are required to the performance evaluation.

IV. COURIERS.

Couriers from the New Hampshire Tracking Station to the AFSPPL to the [REDACTED] will be supplied by the AFSPPL. Couriers from the VTS to the AFSPPL will be furnished by Goodyear-Aerospace Company. Couriers from the [REDACTED] to Washington, DC (Pass #8 or #9) will be furnished by the [REDACTED]. Couriers from Hickam Field to Moffett Field to AFSPPL will be supplied by the 6594th Aerospace Test Wing. This will be via commercial airline. A Command Post will be established at the Satellite Test Center, Sunnyvale, for purpose of monitoring all courier activities from Hickam to Moffett and the VTS to the AFSPPL. The couriers will be either BYEMAN or TKH cleared individuals. Civilian couriers will be QUILL indoctrinated.

V. GENERAL SECURITY.

At the Vandenberg and New Hampshire tracking stations, the recorders will be located within the secure [REDACTED] area and will be monitored by QUILL cleared personnel who have met clearance standards through a completed BI. The film at the [REDACTED] will be handled exclusively and in an approved QUILL secure area by QUILL cleared personnel.

All classified QUILL administrative matters conducted with the [REDACTED] by the AFSPPL, SAFSP, and Goodyear-Aerospace Company is via registered mail.

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The original copy of the data film will go to the [REDACTED], with one copy to be retained at the AFSPPL.

At the time of this meeting, there had been no provisions made for distribution of the film radar maps other than the copies for the [REDACTED] and a copy for the ~~(S)~~ NRO. It was discussed and agreed to, that any further distribution of the film radar map by the AFSPPL would have to be approved and coordinated with the ~~(S)~~ NRO.

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