

CONFIDENTIAL

24 June 1958

MEMORANDUM FOR THE RECORD

SUBJECT: Trip to [redacted] - 19 June 1958

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1. On 19 June 1958, the undersigned visited [redacted] to discuss the [redacted].

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2. [redacted]

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A 7" taper was used for coupling the pipe lengths together. This method is the easiest to fabricate and leaves the full ID of the pipe for wires.

A commercial pipe locator was evaluated and found to be difficult to use in locating pipe of this size. Near-by pipes, fences, and other metallic objects make it hard to locate the pushed pipe. If these other obstacles are not present, the pipe can be located within 18 inches of its true direction; however, when trying to locate the nose point an area 18 inches in diameter would probably have to be searched.

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3. No work has been performed on the [redacted] since the demonstration in May at [redacted] due to contractual delays in getting more money for [redacted]. Approximately four weeks will be required for [redacted] to do the transducer work, and [redacted] will need an additional two weeks for incorporating the transducer into their system.

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4. [redacted] had mentioned to the undersigned a few weeks ago an idea that [redacted]. During this visit, the undersigned met with [redacted] and discussed his idea and witnessed an unsuccessful demonstration. The operation of his device is to have [redacted] then by applying a slight tension and striking the key sharply, [redacted] is supposed to open. [redacted] had only crude tools for demonstrating this technique and was looking for someone to sponsor the development of better tools and [redacted] thought of us. The undersigned feels that [redacted] technique is applicable only on simple, [redacted] and therefore is of no particular interest to the Agency.

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An important unsolved problem is [redacted] is that of [redacted] after it has been picked. Since [redacted] has a large rubber and plastics group, they were asked to consider this problem and let us know if they have any suggestions.

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Handwritten notes and stamps at the bottom right, including a date stamp '16' and various initials and numbers.

5. [redacted] of the Medical Office, through [redacted] of TBS/FED, has asked TBS/ED for suggestions on compressing a survival food concentrate from the presently supplied volume of 2.9 cubic inches (compressed at 16,000 psi) to one cubic inch. [redacted] has presses of up to 700 tons and felt that a volume of one cubic inch is realistic. [redacted] has been informed of this and will notify the undersigned of subsequent steps to be taken to enable [redacted] to make an investigation of the problem.

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[redacted]

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