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TO : Meight Chief, Reso A Chief.

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Technical Pranch, SRS, I&SO

Artichoke Work, August-September 1952.

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SUBJECT:

1. Between 19 August and 4 September 1952, the I&S Artichoke Team engaged in a special observation and evaluation project with a In the opinion of all the Artichoke Team members and in the openly expressed opinion of two of the four-man Team and in the opinion of all Case Officers and all other Agency personnel involved, these operations (except as noted below) were not successful. Details follow:

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2. Approximately two years ago, the restablished a research project at the project at the project at the project, however, was designed to serve as a cover for an exhaustive search to find certain drugs and chemicals that would materially assist interrogators when interviewing or interrogating all types of persons. The project was headed by clinical psychologist who is a medical doctor. Details as to the size

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Under date of August 1952, the forwarded a Top Secret memorandum to the Director of Central Intelligence Agency. This memorandum stated in effect that experiment had produced a drug having exceptionally meritorious effects along Artichoke lines and was capable of concealment in common liquids. The drug was also described as being non-toxic. The memorandum requested that this Agency work with and test the drug under actual field conditions. After certain preliminary difficulties were overcome, agreement was reached as to time and place for the operation and on 12 August 1952, a four-man left Washington, D.C., and went to the Artichoke Team was unable to travel at that time, the Artichoke

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shortly thereafter.

3. The I&S Artichoke Team was composed of the following individuals:

on 19 August 1952. The experimental program began

for the Team; (Technical Branch, S &S, and in charge of technical matters; and the writer.

Team did not leave Washington until 18 August 1952 and arrived at



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Composed of the following

- 5. The experimental work covered five cases. The first two subjects were hardcore professional agent types and the final three subjects were low-grade defectors. The first subject handled was a difficult suspected of possible espionage activity. This case, in addition to being tested on the experimental technique, was, at the urgent request of case officers in the Field, given the advanced Artichoke treatment at the conclusion of the experiment. For matter of record, the Artichoke technique in this case, according to the case officer involved, produced valuable and positive results. The other cases were handled in strict accordance with the instructions Details will be set out under individual cases.
 - 6. As had been done on the previous Artichoke operation in in June 1952, security details were efficiently handled by the office of under the personal direction of involved, in the first two cases, the safe house near with extreme precautions as carried out in the previous operations including The remaining three cases were handled at the Since the last three of the cases mentioned were defectors and at the time were being given_high preferential treatment, the security and guard problems_at were not as involved as the operation at the safe house new
 - . 7. Closely related to the security problem was the always important problem of amnesia on the part of the subjects involved. In this connection, the writer wishes to point out that the technique was connection, the writer wishes to point out that the technique allegedly applied to the various subjects without their knowledge. Whether this was successful or not cannot be stated, but the Artichoke Team comments in this connection will be found in the Conclusion after the individual cases. The first subject (as noted above) was given the advanced Artichoke treatment and in the professional opinion of was incapable of any memory of a pertinent type concerning details of this treatment.
 - Concerning the concealability of the drugs as used by the matter appears somewhat debatable. While there is no positive means of establishing whether the individuals were cognizant of the fact that foreign matter had been placed in their coffee or beer, the Artichoke Team feels that a strong possibility exists that the



subjects were aware of some form of tampering either with their food or drinks. This belief is supported by the fact that one of the subjects made a face when tasting his coffee, another subject complained of bitterness and a third subject became apparently thoroughly intoxicated on three bottles of beer when it had been established that the subject was capable of drinking more than three bottles of beer without effect. More comments in this connection will be added to individual case discussions.

- 9. The technical problems were similar to previous problems encountered in the Artichoke work in . In the first place, these subjects spoke only . Hence, case officers-interpretors were used. As before, riset up a complex recording apparatus and tapes were made of all conversations. In addition, since visual observation was important to this work, a two-way mirror was set in operation at the safe house near However, this was impossible to install at the where only monitoring equipment could be used.

 It should be noted that in all cases, however, present throughout each interview. His professional report is at present being prepared in this connection.
 - 10. The disposal problem was not involved in this operation and, as usual, the Artichoke Team made it specifically clear to all individuals involved that the disposal of cases was not the responsibility of the Artichoke Team.

11. With the exception of the advanced Artichoke techniques as

used in the second half of the first case, all cases were handled in the manner specified by technique was as follows: Each subject was interviewed by a Team consisting case officers or interpretors (as required), and *Interviews were, as a rule, conducted in a "pleasant" manher and at the start were apparently aimed at gaining rapport with the subject. Then as the effects of the drugs began to show themselves, the questions were changed to more pertinent matters. The drugs were administered through various media -- coffee, beer, or even given as a "medicine" to allegedly decrease nervousness on the part of the subject. Dosages were prepared "on the spot" in various amounts by and No regular or who occasionally consulted No regular or pre-determined dosages were administered. (See Artichoke Team Log and

Medical Report) did not propose the dosages but merely answered questions and assisted in the preparing and placing of the drugs in the media selected. Dosages, amounts, formulas, reasons, etc. were not discussed with the Artichoke Team by but records appearing in the Artichoke Log were given unofficially to the Artichoke Team by



12. In general, the cover used in these experimental operations was that the interviews were part of an assessment program in relation to the subject's possible future activity. This assessment program also included some medical and some psychiatric examination as part of the cover. This was carried out the first case. The presence of the explanation that she was present to take notes or to assist as necessary.

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13. For matter of record, it should be noted that only very general explanations of the drugs were given to members of the Artichoke Team. The names of the drugs were never given to Artichoke Team members and this, unfortunately, in the opinion of Team members, materially affected the proper evaluating and judgment in these operations. It merely stated that the drugs would produce a certain euphoria in the subject, would materially affect their discretion, would lower their inhibitions, and would promote, as a general rule, a feeling of well being and a desire to talk expansively.

lh. Also for matter of record, in each case, the case officer briefed all hands in the backgrounds of each subject and the various problems presented. As previously discussed by Artichoke Team members, the case officers, interpretors involved were highly co-operative, thoroughly familiar with their particular cases and worked in the experimental problems with the highest possible effort and enthusiasm.

NOTE:

At this point, it should be noted that, by observation and asking questions (particularly of who was extremely co-operative), it was determined that instead of one substance as stated in the original Top Secret memorandum, was using three substances which he had named "G", "L", and "Q". In this connection, the writer, at the conclusion of the first session, had specifically requested the names of the substances and the chemical formula, but had been denied them because that he felt if we (the Artichoke Team) knew the names of the substances, we might be inclined to "prejudge" the results. This did not conform with the previous statements made by the that these substances would be made known to the Artichoke Team upon the conclusion of the first test.

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In view of the above, this report does not contain a record of specific dosages. (See Log and Medical Report of



CASE #1

Subject was but spoke and apparently had engaged in a considerable amount of intelligence activities prior to the Agency's contact with him. Intellectually, he appeared to be a man of medium formal education but having a shrewd, natural intelligence with what appeared to be a typical hard-core agent outlook. The major problem in the subject's case was fundamentally whether or not this individual could be trusted.

an individual whose age

Case Officers were in disagreement as to his reliability which arose from the fact that although doing business with Agency personnel, he had been physically observed by surveillance visiting the on numerous The subject me attempted to explain this on the basis occásions. that his connections were essential for future work for this Acency and had insisted that he had not disclosed ______ and

in any way. His story, however, had numerous heles in it and many contradictory statements had appeared in his explanations. In view of this, and in the opinion of the Artichoke Team, the subject presented an ideal test case for the experiment since the subject was tough, intelligent, shrewd and certainly a professional agent type. Case Officers involved, however, requested that in addition to the

sechnique, the subject be given advanced Artichoke treatment in an effort to help the Case Officers clear up the many questions in this case. The subject was in solitary confinement prior to the interrogation.

On Monday, 25 August 1952, the subject was picked up at a nearby and several guards and was brought to ouse near in the manner of the two cases handled in the safe house near June. At 2:30 PM, the first session began with the subject on an informal basis with (case officer), resent. At 3:45 PM, the session was interrupted

for a short period of time. During this interruption, drugs were inserted in a bottle of beer which was to be later given to the subject.

NOTE: It should be noted that the exact proportions of the drugs used at this time were not given to the Artichoke Team since it had been decided by all interested parties : at a meeting in Washington and reaffirmed at the first meeting In the that after the first tests the names and amounts of the drugs would be

made available to the Artichoke Team.

At $4:00~\rm{PH}$, the session resumed and at $h:19~\rm{Hz}$, the subject was given the drugged beer while others present had uncontaminated beer. At approximately 5:30 \rm{Hz} , the subject completed drinking his bottle of beer and at 7:30 \rm{PH} , the session was completed.

Immediately after this, a general conference was held with all hands present and a discussion was held concerning the previous session. Nothing particularly significant was reported. Following the conference, the first day's work was concluded.

On 26 August 1952, Tuesday, after a quiet night, the subject was given coffee which contained a small amount of an unknown liquid with his breakfast. This was given the subject at 8:15 AM and at approximately 8:55 AM, the subject had completed his breakfast, drinking his entire pot of coffee. In this connection, it should be stated that the writer examined the subject's room to determine whether or not the subject had disposed of his coffee in some manner other than drinking same, but there was no evidence of this. For matter of record, it should be noted that this procedure was followed in all cases by the writer.

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At 9:40 AM, a general conference was held by all hands and at 10:16 AM, and according to plan, shortly thereafter, coffee was served to those present. Drugged coffee was given to the subject at this time. At approximately 11:23 AM, entered the operations room and gave the subject another cup of coffee while the others present were given straight coffee. At 1:00 PM, this session ended.

NOTE: In connection with the drugged coffee above, it "should be noted that the writer was carefully watching through the two-way mirror and observed that the subject made a face, indicating an unpleasant taste, when he first sipped his coffee and, in addition, at this time, looked at his coffee in a strange manner.

Between 1:45 PM and 2:35 PM, the subject had his lunch in his bedroom. Served with his lunch was a bottle of beer that had been drugged by Subject consumed most of his lunch and drank all of the beer.

At approximately 2:35 PM, the afternoon's session began with the subject. At 3:40 PM, by previous agreement, a heavily-drugged bottle of beer was given to the subject. At 1:20 PM, the subject finished his bottle of beer and at 1:25 PM, left the room and brought in fresh beer for the subject which had not been contaminated. Straight beer was served to the others present at this time. At 5:41 FM, this afternoon's session ended and at 5:45 PM, a conference was held by all hands. It should be noted that no significant statements were made during this conference and no important details were obtained. At 6:07 PM, the conference ended and the day's work was concluded.

On 27 August 1952, at 8:15 AM, the subject was given coffee which had been contaminated in the same manner as had been done on previous days. The subject completed his breakfast including all of his coffee at 8:50 AM.

At 9:15 AM, a conference was held by all hands and a general procedure was worked out for the day and at 9:42 AM, the conference ended. At approximately 9:49 AM, the subject entered the operations room where and the seated. At 9:57 AM, the subject was given drugs openly in a glass of water. The subject made no objection to taking the drugs.

NOTE: Details in this connection will be best established by reference to the Medical Report, but it would



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appear that under cover of "medication for pervousness", was openly giving drugs to the subject. As will be noted immediately following, the subject was given additional drugs again openly in water. In-each instance, 🖁 leave the room, come to the monitoring room, consult with and then place the drugs in a glass of water, return to the operations room and give the drugged water to the subject. Since the Artichoke Team was in an observation capacity only and since this procedure had the obvious apthe writer felt that he proval of could not interfere with the open giving of drugs to the subject. Hence, the writer and did not ask any questions but simply continued to observe the procedure.

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At 10:00 AM, the group in the operations room began to play a type of a poker using hard beans for poker chips. At 10:50 AM and 11:06 AM, the subject was given drugs in water which he drank without objection. At approximately 12:05 FM, the poker session ended and the conversation, which apparently had been general to that point, changed from a pleasant type of conversation to a more serious type and began asking pointed questions of a psychiatric nature (see Medical Report). At 1:14 FM, the morning session ended. Between 1:20 and 1:35 PM, a conference was held by all hands with no significant comments made. Thereafter, the entire group adjourned for lunch and at 2:20 PM, another conference was held by all hands. Shortly after this, the and the Artichoke technique be used in this case after the experimental work had been completed.

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As stated previously, this first case was an extremely hard, shrewd and intelligent individual and the Case Officer was desirous of obtaining certain pertinent information.

felt that since the Artichoke techniques had worked so successfully in June he wished them applied to this subject. It was, therefore, agreed that after the experiment on this subject had been completed that the Artichoke technique would be brought to bear. It was also agreed that since time was of the essence, the drug-hypnotic technique would not be used, but only the straight drug method, using sodium pentothal and Desoxyn, would be tried. (See Medical Report for full details in this connection.)

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The Artichoke Team furthermore agreed that they would permit to assist in view of the possible dangerous reactions of the

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powerful type and, in addition, to permit to observe the technique since was the representative present and was known to have an absolute Top-Secretary Clearance. The Artichoke Team, however, specifically excluded and

At 2:15 PM, the remaining group had a general briefing and, exclusive of the doctors and proceeded to rearrange the operations room for the Artichoke technique. Between 3:10 and 3:15 PM, and the standard medical cover was laid on was introgrammed as a "specialist" who would help the subject with his "nervous" condition. At 3:15 PM, and tentered the operations room and the subject was placed on the bed with all medical apparatus ready.

is a Staff member and a capable interpretor in both and leretofore, the conversations had been conducted with acting as interpretor and speaking solely in the subject's knowledge of English being reported as extremely slight. That come to the safe house during the day and while the technique had been carried on, he had been briefed on the subject's case by individuals working on the case and it had been decided that the was to act the role of a with whom the subject had been briefed possible in view of the regression technique which was to be used in the Artichoke method.

Retween 4:22 and 5:00 FM, approximately tank and working together, questioned the subject successfully on pertinent material.



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At 4:31 PM, Ragain injected a orug in the subject's left arm using a small syringe. At 4:31 PM removed the small syringe and replaced it with the large syringe. When this was emptied, removed the syringe from the subject's arm. At 5:04 PM, again placed the large syringe in the subject's left arm and at 5:10 PM (approximately), the large syringe was taken out (for details as to dosages, see Medical Report).

As noted above, significant questions were asked the subject from approximately 3:40 PM on. The subject. by this time, had reached a complete "twilight state" and the Artichoke Team had then entered the room and were closely observing the operations and assisting directly. During this period(and also after that the commat h:20) significant material was uncovered in this case although the questioning had been of a persuasive and not unfriendly type. However, between 4:45 and 5:10 PM, under instruction from the Artichoke Team, changed . his questioning tactics and very harshly denounced and questioned the subject to see what results could be obtained at this point and by this technique, since it was established that significant material had now been obtained and felt that the time was beginning to run out for the test drug control. This sharp questioning produced an extremely violent result. The subject wept copiously, spasmodically tensed and relaxed his muscles, moved almost continuously on the bed, and made a series of anguished statements apparently in denial of charges put to The subject's agitated condition continued until inserted the large needle in his left arm at 5:05 PM. This had a strong effect for approximately at 5:10 PM, the subject became calm, very quiet and passed into a deep coma or heavy sleep. This condition lasted for a few minutes when the subject then passed into a more or less normal appearing sleep condition. At 5:14 PM, all persons

Retween 5:15 and 7:50 FM, the subject was left alone in the operations room with the exception of a continuous and a more or less constant check by and the two doctors. At 7:50 PM, the subject was removed by and the two guards to his own bedroom and the subject's condition was reported by and the doctors as being, at that time, satisfactory. At 8:00 FM, approximately, after a brief conference, the day's session ended.

present in the operations room left the subject except who was

instructed to tell the subject to sleep if at any time he awakened.

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was handled by the Artichoke feam in in June 1952 using a combined Artichoke technique of drug-hypnosis are a straight drug approach. Hence, it was agreed by members of the Artichoke Team in consultation with the case officers that it would be unnecessary to apply Artichoke methods in this case again, but use the cape for the dexperimentation. It was felt by all hands that was an ideal test case, since he had been treated by the Artichoke technique previously and results could be cross-checked. It should also be noted that the case officer who worked with the June was brought from to for the sole purpose of working on this case. at this time, was engaged A Fand, hence, his time was very ,= in a very complex operation out of limited.

Physical details and background history of Case #2 was set out in great detail in the June 1952 report by the Artichoke Team and is not being repeated herein.

On 28 August 1952, 10:15 AM, the subject was brought to the Safe House by and guards and taken immediately to his room and procedures set out in June were followed as before.





At 1:35 PM, a conference was called and only the following were to attend:

(interpretor). excluded Messra

apparently for personal reasons.

Made objections to this on the basis Neither the writer nor that we would be represented by and it was the Artichoke Team's view that no problems should be placed in the way of

This conference ended at 2:30 PM.

At 2:35 Pil, the subject was taken to the operations room with the room by The subject's beer at this time had been drugged with a very heavy dosage of the three substances being used. It appears that on the basis of the known facts in this case and the subject's high intelligence and robust physique that the heavy dosage had been agreed upon by the land to have the had completed drinking his bottle of drugged bear and at 6:06 PN, the first session ended and the subject was taken to his ledroom. At 6:30 Pr. dinner was served the subject in his room and at this time he was given another bottle of beer which had been drugged. At 7:20 PM, the subject had finished his meal. He had consumed all of his beer but had not eaten much of his food.

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Acalled another conference and again exclude This conference ended at 8:03 PM and at 6:25 PM, the second ssion began with the subject with the operations room.

At approximately 8:30 PM, beer was prepared for all individuals in the operations room and the subject was given a heavily drugged bottle of beer. At 10:10 PM, the subject had finished his bottle of beer and all hands laft the operations room for a short time.

10:17 and 10:55 called another conference with in attendance. At 10:35 FM, the cr ference ended ap returned to the operations room and rejoined the subject. At 12:05 P carried in straight beer and shrimp and remained in the room, apparently on instructions MAt. 12:12. PM, this session ended by agreement and this case was concluded or salecision. Shortly thereafter, the subject returned to his bedroom and in view of the necessity for leaving at once for this case was considered terminated.



CASE #3

NOTE: On Friday, 29 August 1952, the Artichoke Team removed the technical equipment from the safe house near and transferred it to the at at and and made the necessary technical A Installations at this point which were used in Cases 3, 4, and 5. In this connection, the rooms in which the interrogation was carried on at were suitable only for monitoring purposes and a special mirror was not placed in these rooms. Hence, whereas much of the information in the first two cases was by direct eye-witness and monitoring, the following cases were monitored only. After the handling of the first two cases, which were hard-core agent types, the Staff Officers a had made arrangements for 5 the supplying of types for processing by at his request. Cases 3, 1, and 5 were all individuals of this type and each individual had been given the "deluxe" treatment -- they had been placed in comfortable nouses, had not been confined in any way, had been given spending money and a great amount of freedom. They had not been harassed in any manner and no threats had been made, even though all of them had given stories which were not wholly factual and which were in parts evasive and, at times, palpably false.

On Saturday, 30 August 1952, arou.
with all hands present. Case #3, the first session started at 9:35 AM
and fease office On Saturday, 30 August 1952, after a brief conference at 9:05 AM was brought to the A B/G in the operations room. This first

soecialists, including clearly establish

and was not, from an intelligence point view, a particularly valuable subject.

At 9:40 AM, coffee was prepared and a bitter tasting substance (quinnine sulphate --?--) was placed in the subject's cup. This was done on instructions from the because he explained that he wished to make the subject's coffee taste bitter. No other chemical was added at this time. Then carried the coffee into the operations Again at 10:20 AM another pot of coffee was made-and more of the bitter substance was alaced in the subject's coffee and carried into the operations room by

At 10:50 AM, the subject was given a bottle of heavily drugged beer while all others in the room wave served uncontaminated bottlesof beer. At 11:22 AM, the subject had consumed the entire bottle of beer.

At 12:30 PM, the session ended and all hands stopped for lunch with no significant comments made at this time.

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At 1:30 PM, the second session began with this subject with again in the operations room. At 2:50 PM, another bottle of beer was prepared and at 3:00 PM, the drugged beer was taken in and given to the subject

At 4:02 PM, the officers monitoring the interrogation were informed that direct questions were now being put to the subject whereas previously the discussions had been friendly and informal.

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• At 4:25 PM came into the monitoring room and advised that the subject, in going to the bathroom, had stumbled and fallen apparently in an intoxicated manner. At 5:25 PN, this session ended and rescorted the subject from the area.

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At 5:37 PM, a general conference, was held by all hands including fair. In the monitoring room. The writer at this time noted some enthusiasm on the part of an for the technique but under direct questioning by the writer, certain obvious weaknesses appeared. It was the writer's opinion the yand had been perhaps "psychologically conditioned" by previously talking to fand their opinions were not coldly impartial. This was later confirmed by talking with and and and by their comments made later to the Artichoke Team and also to and At 6:20 PM, this conference ended and this case was concluded.

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NOTE: The writer feels that it is advisable at this time to point out that during the course of the day's sessions, this subject drank only three bottles of beer yet, according to eye-witness reports, he appeared intoxicated, stumbled and fell going to the bathroom. According to the subject was able to drink many times this amount and the writer believes the use of drugs could not be called surrepticious since any intelligent person would wonder why after only three bottles of beer he had become intoxicated and fallen.

The writer also feels that he should noint out that this subject altered or changed several of his previously given statements during the day's sessions.



The writer asked both as a swhether there was any more reason to believe his statements now than previously and and at this time admitted that they could not be certain as to which statement was nearer the truth. No other significant comments were made at this time.

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CASE #4

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On 30 August 1952 (Sunday), the experimental Team interrogated Case #4. This subject As stated before, he had previously made false and evasive statements to interrogators and his story to date had contained numerous discrepancies.

At 9:40 AM, a general conference was held with all hands present. At 10:17 AM, the conference ended and at 10:2h sescorted the subject into the operations room and shortly thereafter he was joined by the operations room previously.

At 10:40 Al, coffee was prepared with drugs and at 10:50 AM (approximately) this coffee was carried into the operations room with the drugged coffee being given to the subject by At 11:07 AM, more coffee was requested and this was sent in. This coffee was not drugged.

At 11:21 AM, the subject was given drugged beer by who had left the room and returned carrying the beer.

The morning session ended at 1:21 PM and the entire group adjourned for lunch.

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At 2:32 PM, the second session began with this subject with and attending. At 2:50 PM drugged coffee was prepared and given to the subject. This coffee was finished by the subject at 3:20 PM.

The interrogation continued until $4:50~\mathrm{FM}$ when non-contaminated beer was taken into the operations room. At $5:30~\mathrm{PM}$, the session ended and the subject was escorted out by

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Immediately thereafter, a seperal conference was held in the operations room wish.

and
attending. The writer, who was not asked to join in this discussion,
monitored it and noted a disagreement between and as to
results obtained although both indicated they thought the previous day's
session was more successful. In general, the results were totally
negative. This conference was concluded at 6:00 PM.

CASE #5

B/6 B/3 On 3 September 1952, Wendesday, Case #5 was interrogated by the technique. This case-was

This subject was a september had never been questioned in detail but had only been engaged in general conversations. Hence, he appeared to be ideal material for the technique.

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At 9:18 AM, and and brought the subject into the operations room and were joined immediately thereafter by

At 9:37 AH, coffee was prepared and heavily drugged for the subject and given to him. Py 10:05 AM, the subject had finished this coffee and at 10:21 AM, drugged beer was given to the subject. Again at 11:21 AM, another bottle of beer was heavily drugged and given to the subject. At 11:45 AM, all beer was finished and at 12:41 PM, the morning session ended and all hands adjourned for lunch.

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The afternoon session began at 1:45 PH with and in the operations room. A few minutes later, a bottle of heavily drugged beer was given to the subject which he finished at approximately 2:50 PM. At 4:05 PM, the session ended and the subject left the operations room. Petween 4:05 PM and 4:22 PM, a conference was held with a significant comments noted.