Memo

16 October 1958
1915 hrs MST

To: Officer In Charge
U. S. P. H. S.
Warehouse #6
Mercury, Nevada

403464

Subject: Station Log
Alamo, Nevada

From: I. N. Burgess
Orville D. DeFrain

Attached are four radio instructions on 16 October 1958 are daily logs kept at the Alamo off-site monitoring station.

The color-film, "Offsite Monitoring ..." is being retained at this station, unless otherwise instructed, for a second showing the fore-part of the week of 20 October.

By
Orville D. DeFrain

BEST COPY AVAILABLE

PRIVACY ACT MATERIAL REMOVED

Alamo Nevada

Tuesday, Sept. 16, 1958

Thomas A. Evans & Lloyd A. Reed departed Mercury 1100 hours this date for Alamo, Nev. Arrived at a point 40 miles due north of Mercury at 1230 hours when motor on truck No. failed. Unable to get motor started again due to what appeared to be a dead battery. Walked about a mile to a work party & got transportation to Bunker 3 in Area 9. Phoned Warehouse 6 (Off-Site Rad Safe) & reported trouble to Morgan Seal. Sedan & PHS Chev. truck despatched to scene, arriving 1440 hours. Transferred gear to PHS truck & continued to Alamo, arriving approximately 1700 hours. Saw Vern Rucker from Lincoln Mine & borrowed 25 film badges. Proceeded to Stewart Hotel to arrange for lodging. Mrs. Stewart stated that she no longer took roomers but in case of emergency could provide a room for a short period. Stated that she had always enjoyed having the Alamo Zone Monitors stay at her house but would prefer not to rent a room this year unless absolutely necessary. Referred us to Albo Motel 2 miles north on Hwy 93. Proceeded to Albo Motel & made arrangement for lodging. Very cordially received. Proceeded to Cobb Bar. Mr. Cobb in Las Vegas. Returned to Albo Motel.

Wednesday, Sept. 17, 1958

Left Alko Cafe at 0755 hours headed north on US 93 to check permanent badge stations, find areas of best reception & put out additional badges. Checked badge station Nos 008, 009, 35, 36, 057, 059, 060, & 061. Found radio reception good from about 10 miles east of 25-93 Jct. to within 10 miles of Caliente & in vicinity of Hiko. No reception in immediate vicinity of Alamo. At 0930 hours received General Message from Mercury that (1) next WB at 1000 hours & this is probably D day for safety shot, & (2) Hi Vol filters to be coded Safety Shot No I. To standby for another general message at 1100 hours. General message at 1100 hours - go LC-7 until 1000 hours 9/18, operate HV filters in normal manner. Proceeded to Hiko PO & met Mr. & Mrs. Merle Schofield. Had a pleasant visit with Schofields. Mrs Schofield is Postmaster, Mr. Schofield is retired. Placed a badge on P.O. & gave Schofields each one. Returned to Alko Cafe, arriving 1300 hrs. 1415 tried to contact Hq - negative copy. Proceeded to Alamo. Placed film badge on utility post near General [redacted] & gave one to Mrs. Sharp, mother of depu[redacted]heriff & clerk in Stewart's General Store. [redacted]ted to locate Mr. M.K. Stewart - unsuccess[redacted] Returned to Alko Cafe to meet Burgess [redacted] was bringing truck from Hq. At 1530 returned to Alamo & finally located Mr. Stewart. Located HV air sampler & determined that it was not being operated during day due to power shutdown. Gave Mr. Stewart franked envelopes & picked up two filters to return to Hq. Returned to Alko to await arrival of Burgess. Burgess arrived approximately 1900.

Thursday, September 18, 1958

Left Alko Cafe 0830 for Hiko & vicinity. Checked permanent badge stations between Hiko & Hancock summit. Radio reception very poor at summit but good about half way down to Jct 25 + 38. General Message No. 5 received at 1052 as follows - Today D-1 Balloon Shot Next WB at 1600 All 200 stations SB at 1700. Reported no power in Valley during daytime. Drove to Wm. Schofield Ranch. Unable to locate anyone. Continued to Whipple Ranch. Gave Mr + Mrs Keith Whipple film badges. Nice visit with Mr Whipple. Offered to let us set up HV. No auxiliary power. Returned to Alko Cafe In P.M. drove to Alamo. Met Deputy Sheriff Sharp. Will wear badge. Tried to locate Mr. Dan Stewart to find out when power would be on 24 hours a day - unsuccessfu Drove to Butler Ranch. Had a very friendly visit with Mr. Butler. His extreme cordiality possibly due to fact that he has an offer to buy his ranch & may be leaving valley in 2-3 weeks. Think [illegible] failures to sell may have been [illegible] heavy FO in area. Returned to A[illegible] made tentative arrangement with [illegible] Lemoine Davis at Cherry Station to set [illegible] HV. Badged both he + helper. Drove to Alko Cafe. Arranged with Mr. Carl Foremaster to set up HV. Drove to Hiko for 1700 Radio Check. General Message No. 6 - Shot Eddy - 500 ft balloon to go at 0700 Next WB 0500 200 series SB at 0600. Direction FO 110° 1r line 25 m 100 mm line 50 mi. GM No 7 - Take filled gas cans out of locked boxes. Instructed to operate HV on Sched B. Returned to Alko

Friday, September 19

0530 departed Alco Motel for good radio reception area & 0600 check in. Shot still on for 0700. Direction of EO 045° 1r line 10½ miles, 100 mr line 33 miles. Next SB 0745 0750 – Dobbs (Mr & Mrs) evacuated from Watertown stopped at truck enroute Alamo. Said they would go on into Las Vegas & contact Reeco from there. Returned to Alto Motel. 1000 received orders from Hq to monitor north to Hiko & West to Rosie's Mine. Returned to Alto Motel at 1500. Changed HV which had been started at 0700 & changed at 0900. 1600 drove to Hiko to visit Wm Schofield who had claimed an injury due to blast during 1957 series. Had a lengthy visit with Mr & Mrs Schofield. Both were quite cordial. Gave each a film badge & left one for each of their three girls. Returned to Alto Motel.

Saturday, September 20

Radio check-in 0930. 216 ordered to standby at ~~Rose~~ Alto Motel until mobile monitors picked up monitoring logs & HV [illegible] visited Buckhorn Ranch south [illegible] Alamo. Lambs had not retur[illegible] from Salt Lake City. Gave Deput[illegible] Sheriff & Mrs Sharp film badge[illegible] P.M. Evans rode to Caliente with Alamo Weather to take laundry, etc. (No laundry in Caliente) Burgess changed HV at 1100 hours.

Sunday, September 21

Radio Check-in at 0900 HM-1 - Safety Shot at 1200 200 Series SB at 1100. 1100 - QM-2 Safety Shot 1200 Trajectory 010° 100 mr line 2 miles Shot II 200 Series SB at 1400. 1400 - QM-3 200 Series. 10-7 until 0900 9-22 Today (9-21) D-1 for Safety Shot on 9-22. Special message for 216 - Go to Butler Ranch & check on rumor that water supply was damaged by underground shot during 1957 series.

Monday, September 22

Radio Check-in at 0900 QM-1 Safety Shot at 1500 (tunnel) 200 Series SB at 1630 Battery in Vehicle No. 42346 failed, loose post. Contact Hq via radio. Advised to call Hq-1 (collect) & ask for Extension 9340 - John Onderko. Authorized to buy battery. Installed Delco No 25MR530 36 month guarantee, Catalog No. 459, exch[illegible] price $27.95. Proceeded to Butler Ran[illegible] check on water supply. Mr. Butler adv[illegible] that he had written QEC on Friday, 19 [illegible] relative to the failure of h[illegible] water supply. On Wednesday, 17 Sept. about noon he had felt a jolt or earth movement or tremor. He attributed it to either a slight earth tremor or the jets which were flying over. At 0600, 19 Sept., 1958 he went out to start his irrigation water & found everything in order. At about 0800 he again went out & found only a trickle of water. From the amount

Mon- Sept 22 (cont)

of water that had flowed out onto the field it appeared that flow had shut off soon after 0600. (The above times are approximate as Mr. Butler apparently has no time piece) He immediately checked his water system for any evidence of stoppage due to roots, sand, etc, but found nothing. During the day, Friday, Mr. Miles, Highway Survey Crew Supervisor stopped at the ranch & Mr. Butler showed him the water supply. Mr. Miles brought in a copy of a newspaper that contained a news story relative to the Safety Shot detonated at Hg on 17 Sept at 1230. Mr. Butler concluded that this may have been cause of earth tremor & immediately wrote to AEC. On Saturday, 20 Sept., flow had increased to about 1/3 normal. On Sunday, 21 Sept. flow had increased to about 1/2 normal. No increase Noted on Monday, 22 Sept. The water supply at the Butler Ranch consists of several bored wells ranging in depth from about 40 ft. over 200 ft. A tunnel about 600 long carries the water by gravity to the surface of the desert from where it flows down to the ranch buildings & fields.

1630 Radio Check-in Safety Shot 1400 on 9/23 200 Series SB 0900. Contact ranchers relative to tentative tour of Mercury about 25 or 26 Sept. & possibly observe Shot. Wednesday P.M. 24 Sept. a geologist will arrive Alamo for the purpose of

Tuesday - September 23, 1958

Radio Check-in 0905 QM-1 Safety Shot 1400 today. No offsite problems anticipated. 200 Series 5B 1630. QM-2 Next full scale shot not before Saturday. Advise prospective guest ranchers. Visited Buckhorn Ranch (Floyd Lamb) Gave Mrs Lamb a film badge. Mr Lamb out on range. Neither Mr. or Mrs. Lamb could visit Hq this weekend. Paul Stewart, ranch foreman, might be able to go.
→ Mrs Lamb asked about a Mrs. , formerly of Tempiute, who supposedly had Beta burns & wanted to know what AEC was doing about it. Said her husband was very disturbed because nothing had been done & burns had occurred over a year ago. Visited Alamo High School, met the principal, Mr. Allen, & gave all teacher film badges. Completed giving out film badges in Valley & forwarded Form 8 to Hq. 1630 Check-in QM-3 Today is D-4 Ranch guests to be limited to 5 per zone. Food & lodging at Hq [illegible] free. Transportation to be furn[illegible]d from Warm Springs & Alamo Friday morning. 200 series 5B at 0900 on 9/24.

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Wednesday, September 24

Radio Check-in at 0900. H-M-1 Today D-2 for Safety Shot Valencia 200 Series SB 1630 = today. Asked Station 10 about Mrs formerly of Tempiute & now of Mexican Hat, Utah, who was supposed to have received radiation burns during 1957 series. Advised that Dr. Vander Amrosen & a doctor from the Denver Regional Office of USPHS had visited Mrs on 17 September & concluded that she did not have radiation burns. Advised her to visit a dermatologist. Visited Buckhorn Ranch Saw Mrs Lamb & advised her relative to findings re Mrs Tried to locate Paul Stewart, foreman at Buckhorn Ranch, re visiting Mercury. Spoke to Mr. M.K. Stewart about going to Mercury. Indicated he would go. Stood by at Alto Motel waiting for geologist & take him to Butler Ranch. Geologist did not show. 1630 Radio Check-in - H-M-2 Today D-2 for Valencia, D-3 or possibly D-4 for Mora, Shot ~~III~~, balloon shot 200 series SB at 0900 9/25. All vehicles to be checked for anti-freeze. Drove to Butler Ranch to advise Mr. Butler about geologist & determine his interest in going to Hg. Very much interested in going. Returned to Alamo. Contacted Mr. Paul Stewart re Mercury visit. Will go. Contacted Mrs Del Frenzie re Hg visit. Check back 0800 tomorrow re decision. Checked with M.K. Stewart re Hg visit. One of them plans to go. Returned to Alto Motel 1930.

Thursday - September 25

0810 checked with Mrs. Frenzie relative to going to Hq. Will go. Checked with Mrs. Keith Whipple. Unable to go because of illness of daughter. 0900 Radio Checkin - GM-1, W-1 for safety shot Valencia D-2 for 1400 fe balloon shot. All 200 stations SB 1630. 216 SB 1000 for info on visit by ranchers to Hq. Reported to Sta 10 that following from Al zone would go: Mr. or Mrs. M. K. Stewart, Mr. & Mrs. Paul Stewart, Mr. N N Butler & Mrs. Del Frenzie. Radio Check at 1000 - Station Wagon to arrive at Al PO at 0800 9/26 to pick up ranchers. Advised Mrs. Del Frenzie of pick up place & time. Mrs Frenzie said Mr Tom Steele would very much like to go to Hq. Advised Mr & Mrs Paul Stewart of time & place of pickup. Neither Mr. or Mrs M K. Stewart able to go. Mrs. Stewart advised that Mrs. Louise Whipple would like to go. Checked with Mrs Whipple & she said [illegible] would like to make the trip. Cont[illegible] Sta 10 relative to Mrs. Whipple & T[illegible]. Mrs. Whipple accepted, Tom [illegible] could not be added to list. [illegible] contacted Hq relative to AEC geologist. Determined that he would not be in Alamo today but would contact Mr. Butler in Hq tomorrow & visit his ranch later. Drove to Butler Ranch & advise Mr. Butler relative to geologist & place & time of pick up for trip to Hq. 1630 Radio Checkin - Shot II, Valencia set for noon tomorrow. Next WB at "

Sept. 25 - cont.

1000, 9/26. All 200 series SB 0900 9/26. All Zone Commanders SB at rendezvous point for rancher pickup. Advised Mrs. Frenzel, Tom Steele could not go. Returned to Alas Motel.

Friday, September 26, 1958

0800 standby at Alamo PO with ranchers to rendezvous with vehicle from Hq. Vehicle arrived at 0835 hours, delayed by failure of ranchers at Caliente to show up. 0900 Radio Checkin - GM-1 Safety Shot No II Valencia scheduled for 1200 hours today. 200 series SB 1100. 1100 Radio Checkin - Valencia, Shot II, scheduled for 1200 WD 220° 10 mr line 5 mi 200 series SB 1230 1230 Radio Checkin - Valencia postponed until 1300. 200 series SB 1330 Do not acknowledge 1330 Radio Checkin - GM-3 Valencia fired at 1300 No opposite radiation anticipated Next WB 1600 Mora scheduled for 0705 tomorrow. 200 series SB 1630. 1630 Radio Checkin - GM-5 Mora postponed until Sunday at earliest. Safety Shot in tunnel scheduled 1400 hours tomorrow. 200 series SB 0900 9/27.

Saturday, September 27

Radio Check-in at 0900 HM-1 Tunnel safety shot Augustine, Shot VII D-1 for 1500' balloon shot Mora Shot VIII. 200 series SB 1630 hours today. 1630 Radio Checkin - HM-2 Safety Shot No. 7 1700 hrs today D-1 for Mora, 0605 PST Next WB 2000 hrs Tonite, 200 Series SB 2100 hours. Bob Elder returned Mrs. Whipple, Mr. & Mrs. Paul Butler & Mrs Hell Frenzie from visit to Hq. Mrs. Whipple very appreciative of trip. Did not see others. Mr. Butler returned with Tempinite group. 2100 Radio Checkin - Mora scheduled for 0605 PST Next WB 0400 200 series SB 0500 PST Predicted direction of 70-280°.

Sunday, September 28

0600 MST Radio check in - Shot Mora postponed. Next WB 1600 200 series SB 1630 1630 Radio Check-in - Mora scheduled for 0605 PST Next WB 0400 200 series SB 0500 PST Predicted direction of 70-155°.

Monday September 29

0600 MST Radio Check in - HM-1 Mora shot is scheduled for 0605 PST Predicted direction of 70-185° 216 SB at station at 0830 PST. Shot went off as scheduled. Observed from above State Hwy Maintenance Station.

Monday - Sept 29 - cont.

Flash clearly visible almost due west. No detonation & no cloud observed. 0930 MST SB - SB at 0930 PST. 1030 MST SB - SB at 1200 PST. 1300 MST SB - SB at 1000 tomorrow PST. Drove west of weather bureau trailer toward mountain range to check radio reception. Became stuck in sand & unable to get out. Towed & winched out by power wagon from Larry's Chevron Service. Radio reception good in area. MK Stewart called in evening to report Hi Vol motor burned out.

Tuesday, September 30

1000 PST Radio Check-in - GM-1 Today D-3 & D-4 (No indication as to what) 200 series SB 1000 PST tomorrow 216 Checks ~~to~~ with ranchers in area regarding possible location of cattle with chain around neck & ~~pa~~ brass plate stating - Property of A.E.C. MM bringing Hi Vol & Continuous Recorder. MM arrived Alk[redacted]e approximately 1430 MST. Left [redacted] Hi Vol motors. Both of Stewart's motors returned & by a second one had burned out during night. Left continuous recorder & explained how to set up. Delivered one motor to Stewart. Kept other at Alk Cafe. Asked MK to send us one more Hi Vol motor. Requested him to have Norma validate plane space for Evans for 10-7 Las Vegas to Lincoln.

Wednesday, October 1

0825 hours talked with man from J & B Ranch at Adaven re whereabouts of AEC cattle. Had not seen them. Suggested Tom Steele might have run across them as he had been riding range lately. 0840 talked with Edwin Hight – he had not been up on range lately but was going up Friday & would look for them. Talked with MK Stewart about lost cattle – he suggested that most of the ranchers would not start ridding the range until next week. Looked for Tom Steele but could not locate him. 1100 MST Radio Check-in – D-3 for Safety Shot. In evening talked with rancher at Alko Cafe who was actively searching for AEC cattle. Out of 45 head, 10 still missing. Branded AEC, brass plate carries a number.

Thursday, October 2

1100 MST Radio Check-in – GM-1 D-1 for Safety Shot Next 200 series SB at 1630 today. Change Line 3, Page 2 70 Tray directive to read Schedule B instead of Schedule A. 1630 PST Radio Checkin – Safety Shot Hidalgo set for 0610 PST tomorrow. 200 series SB at 0500 PST. All monitors drive carefully after dark & watch for animals on road. Radio failed – no transmission – poor reception. Directed by Sta 10 to proceed to Roche & contact 914 for repair. About 3 miles No. of Ash Springs met 906 & 949 having car trouble. Returned to Ash Springs where 906 repaired radio. Returned to Alko Cafe

Friday, October 3

0600 MST Radio Check-in - Safety Shot Hidalgo still on. Predicted FO 185°. 200 series SB 0900 PST. 0900 PST Radio Check-in - Hidalgo postponed 24 hours until 0610 PST tomorrow. 200 Series SB 1630 PST today. 1630 PST Radio Check-in - GM-3 - Safety Shot Hidalgo Shot No IX scheduled for 0610 PST tomorrow. Predicted FO 300°. Today is D-2 for Safety Shot & D-3 for full scale detonation. 200 series SB 0800 tomorrow. 215 Stopped & left HV motor No 1645. Delivered to Mr Stewart.

Saturday, October 4

0900 MST Radio Check in - G.M-1 S Shot Hidalgo postponed 24 hrs. 200 series SB at 1630 PST. Drove to Lincoln Mine to see Vern Rucker & Pat Cuniff & become more familiar with that area. 1630 PST Check-in - S Shot Hidalgo scheduled for 0610 PST Shot IX & S Shot Colfax scheduled for 1200 Shot X. 200 Series [illegible] 0800 PST tomorrow.

Sunday, October 5

0900 MST Radio Check-in - GM-1 - S Shot Hidalgo detonated at 0610 PST. Cloud went E to NE. S Shot Colfax, Shot X scheduled for 0815 PST. 200 Series SB at 0900 PST. 1000 MST Radio Check-in - SB at present location for further instructions. S Shot Colfax had spread Alpha contamination on-site &

Sunday - Oct 5 - cont.

possibly north toward Watertown. 1021 directed to monitor S on 93 for 20 miles. 1035 - Directed to proceed S to Jct 93 & Rd C & SB. 1120 - Directed to proceed 15 miles S on Rd C. monitoring. 1220 - Directed to proceed on Road C to 95 monitoring, return to Alamo via Vegas. Monday am monitor 93 Alamo to Glendale junction. 200 Series SB 1000 PST tomorrow. Returned to Alamo 1800.

Monday, October 6

0800 MST departed for Glendale Jct. monitoring & taking readings every 5 miles. Arrived Glendale Jct. 0925 MST. No readings above background. Returned to Alamo. 1100 MST Radio Check-in - No GM All 200 series SB 1630 today. O'Neill & DeFrain enroute Alamo ETA 1300.

Tuesday, October 7
By Orville D. DeFrain - unless noted

Arrived at Alamo 6 October 1330 ±
Was met at the Alko Motel by T. A. Evans & J. Burgess, Jone personnel. Became oriented within immediate vicinity and duties.
Stood by for radio check-in at 1630 hrs. for tunnel shot expected for 7 Oct.

Wednesday 8 October

Monitored radio going to & from Butler ranch. Attempted to contact Mr. Butler relative to forthcoming visit by (Omar Liltf) geologist. Mr. Butler was not at his ranch. Mr. Burgess left a note explaining details of the geologists visit.
Returned to Alamo & checked recorder which had been giving us difficulty (Instrument now recording background satisfactorily).
Stood by radio checkin at 1630 hrs.
Gamalpais tunnel shot without incident at this station 1400 hrs.

Thursday 9 October

Monitored radio going to & from Butler Ranch. Mr. Butler, again not at home. He thus assumed he left for Idaho to be with his ill wife. Reported same to mercury.
Stood by radio check in for tower shot Away #XII.

Friday 10 October

Radio checkin at 0700 hours. Tower Shot Away fired 0630 hrs.
Toured general area of Alamo, Kiko area & became acquainted with persons in area. Have suggested to some local townspeople the "movie" be shown at next P.T.A. meeting. Now attempting to arrange details.

Saturday 11 October

Next [illegible] standby 1630 hours on this date.
Toured Alamo, Kiko & on to Caliente area.
Checked the usual daily routine instruments.
Met Mr. Butler at Alko Cafe & discussed details for the coming visit to Mr. Butlers Ranch by the geologist Mr. Omar Liltf. Explained to Mr. Butler we would inform him of the geologist's visit soon after we were informed of the definite date.

Sunday 12 October

Departed Tempiute area after checking recording instrument, vehicle, etc. Spent most of day touring area & discussing local conditions of mutual interest. Arrived back at Alamo 1730 MST.

Monday 13 October

Stoodby radio checkin as usual. Contacted local P.T.A. personnel relative to showing of the Test-Site Movie. Received permission from P.T.A. Pres. & ordered film from Mercury. Mr. Allen, local school principal will serve as projectionist. Later we had truck serviced at Ash Springs. Was notified via radio at 1630 checkin to meet a Mr. Coffee, C. & a Mr. Cohen, Geologist (who would visit the Butler Ranch with us) on Tues. 14, October at about 1100 hrs. & attempt to determine the cause or the difficulty associated with Mr. Butler's well-water problem.

Tuesday 14 October

Checked in via radio at 0900 MST. Also checked recor[illegible] instrument & Mr. Burgess made furth[illegible]parations for showing of the Test-Site movi[illegible] the Alamo P.T.A.

M[illegible] Cohen & Mr. Coffey at Charlies Bar, edge [illegible]amo & proceeded to the Butler Ranch near Moapa. After considerable preliminary discussions the irrigation water outfall (also source of home supply) as well as the well-sites were visited. Mr. Butler seemed satisfied with the information he received and in parting stated that, "after today he was sure he was the biggest damn fool in Nevada."

Returned to Alamo & on to radio checkin.

Final arrangements were completed this evening with Mrs. Robert Foremaster relative to the showing of the movie at the local P.T.A. Mrs. Foremaster requested Mr. Burgess & I be at the theatre in the school at approximately 1915 hrs. The NTS film would be shown ahead of the regular weekly picture; there would be no charge for the NTS showing.

Wednesday 15 October

At about 1240 hrs. a Mr. Lloyd Rooke, Soils Scientist from the Caliente SCS office contacted off-Site Monitors at the Alko Cafe & presented evidence of what he thought might be an unusual fall-out phenomenon. He gave samples of rocks with a waxey-yellowish deposit. At a distance these "spots" appeared as fresh oil dropped on hard, flat surfaces. Stated he noted this "unusual thing" very recently and it was quite general over approximately 80,000 acres in his territory. He also stated he was not feeling well and was returning to his Caliente station.

At the evening radio checkin the above was reported to Mercury after Mr. Burgess & I [illegible] the Irish Mountain area & sub[illegible] Mr. Rooke's findings.

A[illegible] of record, it is my opinion [illegible] only, without benefit of labora[illegible] & absence of Ultra-Violet light or other devices needed for proof, that the deposits referred to above are the evaporated deposits of urine from small desert rodents and in no way are such deposits directly associated with "fallout".

The film "off Site monitoring" was shown last night at the local P.T.A.

Radio Checkin at 2330 M.T.S. & again at 0800 MTS - 16 October.

Lv	Arrive	Lv	Arrive	Lv	Arrive
6 Mercury 1030	Hiko Alamo 1300				
7 Hiko - Alamo Area					
8 Hiko - alamo - Moapa					
9 " " "					
10 Alamo - Hiko area					
11 Alamo - Hiko - Caliente					
12 Alamo - Tempiute area					
13 Alamo - Ash Springs					
14 Alamo Moapa					
15 Hiko - Alamo - Irish Mt area					
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STATION LOG - ALAMO, NEVADA

By: Orville D. De Frain

Thursday 16 October 1958

Station log to 15 October inclusive has been sent to Mercury as requested via radio on this date. Mrs. Foremaster (Robert) PTA President, has stated she would allow the color film, "Offsite Monitoring" be shown with the PTA projector at the Alko Cafe to those persons unable to see the film at the regular PTA showing on 15 October at the Alamo School. Plans for the second showing will be the early part of the week of 20 October. The patrons appeared well pleased with the first showing. The day passed routinely. The detachment of Air Force Personnel are leaving the area. Film badges were collected from the following:

Film badge #	Capt. Antonio
Film badge #	Dunn
Film badge #	Blundall
Film badge #	Stansbury

It may be stated here that general radio instructions are briefly recorded on a separate daily sheet - hence only on occasion is "stand-by" or other radio information recorded.

Friday 17 October 1958

The usual routine. At 1800 hours was instructed to proceed monitoring north on #25 at Junction of Highways 25 and 93. After about 12 miles on highway we were instructed to return to Alamo Station.

Saturday 18 October 1958

At about 0930 MST was instructed to monitor off highway # 25 toward Irish Mountain. Proceeded in that direction on past Rosey's Mine at Irish Mountain but found no fallout. At approximately 1200 hours MST was instructed to monitor road from end of pavement (black-top) at Hiko to Adaven (Sharp Ranch). About 25 miles from starting point noted above reportable fallout was found. Details were radioed to Mercury. Near Adaven we were instructed to proceed to original destination and return to Alamo Station. Returned to Alamo at 1830 hours and will be on radio stand-by at 2200 hours MST.

Sunday 19 October 1958

Routine day. Had tire repaired at Ash Springs. Stood-by radio check-in at 2230 hours (11:30 PM MST).

Monday 20 October 1958

Routine day. Have had difficulty the past 4 or 5 days with transmitting and receiving radio messages. Have tried numerous locations for attempted improvement but without measurable difference. Lost radio stand-by 11:30 PM MST.

Tuesday 21 Oct[illegible] 1968

Routine day. [illegible]ible of losing Ike Burgess via transfer back to Chicago office. Wea[illegible] conditions appear suitable for the firing of 4 devices for 22 October. [illegible]o stand-by 0700 MST.

Wednesday 2[illegible]tober 1968

Stood-by a[illegible] of Hiko - Crystal Springs - Alamo (Alko Cafe) largest part of day. Alt[illegible]h 4 devices were fired our instruments revealed no fall-out above backgroun[illegible] area monitored. Returned to Alamo 1845 PM. Robert Elder stopped at Ike B[illegible]ss' residence and took monitoring film back to Mercury.

Thursday 3 October 1968

Servic[illegible] vehicle and immediately after radio-checkin proceeded north on Highway 93 [illegible]o Hiko and then turned on to highway 38 and monitored to Sunnyside. After [illegible]eporting only background readings to Sunnyside we were instructed to continue up Highway 38 to Lund. Only background readings were recorded and so reporte[illegible] to Mercury. Returned to Alamo 1835 hours.

Friday 24 October 1968

Routine day. Rather uncertain weather with heavy cloud banks. Light showers fill at Alamo starting at about 2030 hours. Now 2300 hours and thunder is heard in the distance. There is a 2400 hours (MST) stand-by.

Saturday 25 October 1968

Routine day. Rain ceased late last night. More devices to be fired this evening. One device was fired at 2100 MST and I am standing by for instructions at 0100 PST 26 October and Ike Burgess will take the 0500 PST standby.

Sunday 26 October 1968

As inst[illegible] by [illegible]y, I awaited the device firing at 0230 PST and continued [illegible]ing the Alamo area and as far north as Ash Springs. No readings above [illegible] although on two occasions, one just south of Ash Springs Service [illegible] and [illegible] at the Alamo Airport. The MX-5 instrument on the 0.2 setting [illegible]rily fluctuated above air 0.05 reading. Although I had never heretofore [illegible] this phenomenon I did not record as fallout. Ike Burgess took over monitoring the Alamo area at 0600 MST. On his tour, at about 0700, toward the Butler Ranch near Moapa he did record readings as high as 0.5 mr. At about 0130 hours I was again monitoring the Alamo area with Vern Rucker. Readings no greater than background were observed at this station. Next radio stand-by is 0800 MST for Alamo.

Monday 27 October 1968

Routine day. Hayward, Jennings and Pate left for their homes.

Tuesday 28 October 1958

Routine day.

Wednesday 29 October 1958

AT the 0630 radio stand-by, I was instructed to leave immediately for Las Vegas and prepare to stay overnight in the area since all devices to be fired this date would possible have fall-out in that area.

Finis - Alamo Station to Date.

Tuesday 21 October 1958

Routine day. Possible of losing Ike Burgess via transfer back to Chicago office. Weather conditions appear suitable for the firing of 4 devices for 22 October. Radio stand-by 0700 MST.

Wednesday 22 October 1958

Stood-by area of Hiko - Crystal Springs - Alamo (Alko Cafe) largest part of day. Although 4 devices were fired our instruments revealed no fall-out above background in area monitored. Returned to Alamo 1845 PM. Robert Elder stopped at Ike Burgess' residence and took monitoring film back to Mercury.

Thursday 23 October 1958

Serviced vehicle and immediately after radio-checkin proceeded north on Highway 93 to Hiko and then turned on to highway 38 and monitored to Sunnyside. After reporting only background readings to Sunnyside we were instructed to continue up Highway 38 to Lund. Only background readings were recorded and so reported to Mercury. Returned to Alamo 1835 hours.

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Routine day. Rain ceased late last night. More devices to be fired this evening. One device was fired at 2100 MST and I am standing by for instructions at 0100 PST 26 October and Ike Burgess will take the 0500 PST standby.

Sunday 26 October 1958

As [illegible], I awaited the device firing at 0220 PST and continued [illegible] area and as far north as Ash Springs. No readings [illegible] on two occasions, one just south of Ash Springs [illegible] of the Alamo Airport. The MK-5 instrument on the 0.2 [illegible] above air 0.05 reading. Although I had never [illegible] this phenomenon I did not record as fallout. Ike Burgess [illegible] monitoring the Alamo area at 0600 MST. On his tour, at about 0700, toward the Butler Ranch near Mesapa he did record readings as high as 0.5 mr. At about 0130 hours I was again monitoring the Alamo area with Vern Rucker. Readings no greater than background were observed at this station. Next radio stand-by is 0800 MST for Alamo.

Monday 27 October 1958

Routine day. Hayward, Jennings and Pate left for their homes.

Tuesday 28 October 1958

Routine day.

Wednesday 29 October 1958

AT the 0830 radio stand-by, I was instructed to leave immediately for Las Vegas and prepare to stay overnight in the area since all devices to be fired this date would possible have fall-out in that area.

Finis - Alamo Station to Date.

PRIVACY ACT MATERIAL REMOVED

ALAMO STATION

Thursday 16 October 1958

By Orville A. DeFrain

Station log to 15 October inclusive has been sent to Mercury as requested via radio on this date.

Mrs. Foremaster (Robert) P.T.A. President has stated she would allow the color film, "Offsite Monitoring ....." be shown with the P.T.A projector at the Alko Cafe to those persons unable to see the film at the regular P.T.A. showing on 15 October at the Alamo School. Plans for the 2nd showing will be the early part of the week of 20 October. The patrons appeared well pleased with first show.

The day passed routinely. The detachment of Air Force Personnel are leaving the area. Film badges were collected from the following:

F.B. # Capt. Antonio

" Dunn

" Blundell

" Stansbury

It may be stated here that general radio instructions are briefly recorded on a separate daily sheet & hence only on occasion is "standby" or other radio information recorded ~~here~~.

Friday 17 October 1958

The usual routine. at 1800 hrs. was instructed to proceed monitoring north on #2 at Junction of Hiways 25 & 93. After about 12 yrs on hiway we were instructed to return to Alamo Station.

Saturday 18 October 1958

At about 0930 MST was instructed to monitor off hiway #25 toward Irish Mtn. Proceeded in that direction on past Roseys mine at Irish Mtn but found no fall

at approximately 1300 hrs. MST was instructed to monitor road from end of pavement (black top) at Hiko to Adaven (Sharp Ranch). About 25 miles from starting point noted alone reportable fallout was found. Details were radioed to Mercury. Near Adaven we were instructed to proceed to original destination & return to Alamo Station. Returned to Alamo at 1830 hrs. & will be on radio standby at 2200 hrs. MST.

Sunday 19 October 1958
Routine day. Had tire repaired at Ash Springs. Stood by radio checkin at 2230 hrs. (11:30 pm MST)

Monday 20 October 1958
Routine day. Have had difficulty the past 4 or 5 days with transmitting & receiving radio messages. Have tried numerous locations for attempted improvement but without measurable difference. Set radio standby 11:30 pm MST.

Tuesday 21 October 1958
Routine day. Possibility of losing "Ike" Burgess via transfer back to Chicago office. Weather conditions appear suitable for the firing & device for 22 Oct.
22 October radio standby 0700 MST.

Wednesday 22 October, 1958
Mostly area of Hiko - Crystal Springs - Alamo (alkali flats) largest part of day. Although 4 devices were fired our instruments showed no fall-out above background in the area monitored.
Returned to Alamo 1845 pm.
Robt Elder stopped at Ike Burgess's Res. & took "Monitoring Film" back to Mercury.

Thursday 23 October 1958

Serviced vehicle and immediately after Radio-Check in proceeded north on highway 93 to Pioche & then turned onto highway (??) 38 & monitored to Summitville. After reporting only background readings to Summitville we were instructed to continue up highway 38 to Ely. Only background readings were recorded & so reported to Mercury. Returned to Alamo 1835 ~~Pst~~.

Friday 24 October 1958

Routine day. Rather uncertain weather with heavy cloud banks. Light showers fell at Alamo starting at about 2030 hrs. now 2300 hrs. & thunder is heard in the distance. There is a 2400 hr (MST) standby.

Saturday 25 October 1958

Routine day. Rain ceased late last night. More device to be fired this evening. One device was fired at 2400 MST & I am standing by for instruction at 0100 PST 26 October & Ike Burgess will take the 0500 PST standby.

Sunday 26 October 1958

As instructed by Mercury, I awaited the device firing at 0220 PST & continued monitoring the Alamo area & as far north as Ash Springs. No readings above background although on 2 occasions, one just south of Ash Springs Service Station & one at the Alamo airport, the MX-5 instrument on the 0.2 setting momentarily fluctuated above our 0.05 reading. Although I had never heretofore experienced this phenomenon I did not record as fallout.

Note

Ike Burgess took over monitoring

the Alamo area at 0600 MST. On his tour, at about 0700, toward the Butler Ranch near Moapa he did record readings as high as 0.5 Mr. At about 0130 hrs. I was again monitoring the Alamo area with Vern Bucker. Readings no greater than background were observed at this station.

Next Radio Standby is 0800 MST for Alamo.

Monday 27 October 1958
Routine day. Hayward, Jennings & Pate left for their homes.

Tuesday 28 October 1958
Routine day.

Wednesday 29 October 1958
At the 0830 Radio Standby, I was instructed to leave immediately for Las Vegas & prepare to stay overnight in the area since all devices to be fired this date would possibly have fall-out in that area.

Finis - Alamo Station to Date.