

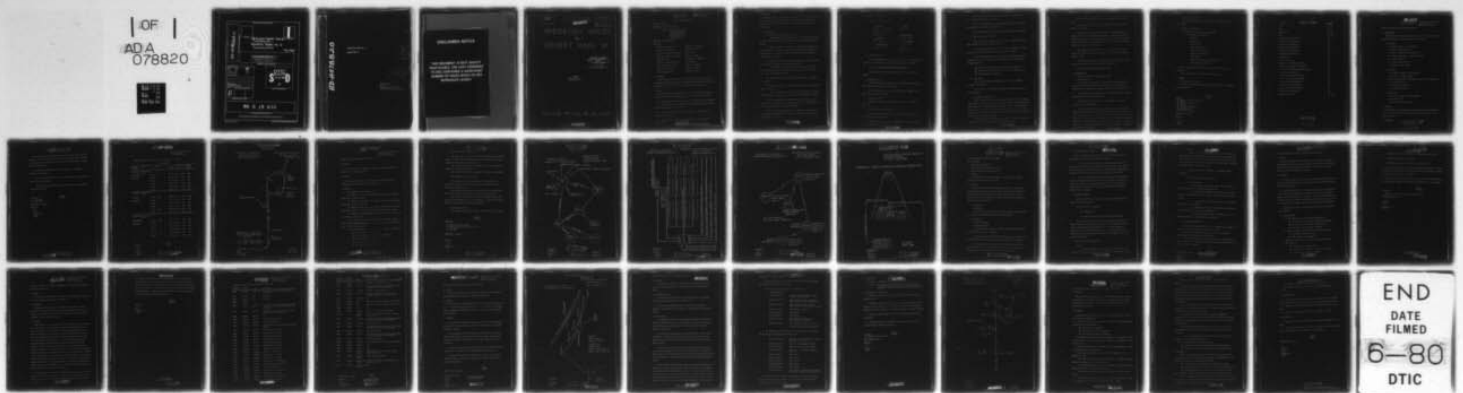
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EXERCISE DESERT ROCK VI. OPERATION ORDER NUMBER 2.

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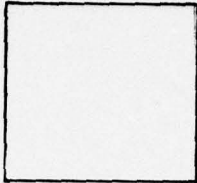
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HQ Exercise DESERT ROCK VI
Las Vegas, NV

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OPERATION ORDER

NR. 2

DESERT ROCK VI

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Hq Exercise Desert Rock VI
(873625) Nevada
150800 February 1955

No Change From Oral Orders

OPERATION ORDER NR 2

REFERENCE: MAPS 1:50,000 NEVADA

Sheets: Tippipah Springs 2758 II
Specter Range 2757 II
Frenchman Lake 2857 IV
Cane Springs 2757 I
Papoose Lake 2858 III
Mercury 2857 III

TIME ZONE: Pacific Standard

TASK FORCE

Deputy Exercise Director	Brig Gen F. W. Sladen Jr.
Control Group Commander	Lt Col D. P. Reece
Group "A" Commander (Observers)	Capt B. Ham
Group "B" Commander (Observers)	Capt J. A. Carter
Group "C" (VIP)	Lts Madsen and Eckenroth
"C" Btry (-) 532d FA Obsr Bn	1st Lt Breunig
6th Army CBR Defense Teams	Major E. R. Shappell
50th Chemical Platoon	Capt W. T. Burnham
Army Aviation Section	Major J. B. Feldt

1. SITUATION

Atomic Energy Commission will detonate an Atomic missile D-Day, H-Hour which approximately 1013 Armed Forces personnel will observe, and 109 US Army personnel will participate to test equipment and training doctrine.

2. MISSION

Headquarters Exercise Desert Rock VI will conduct Exercise Desert Rock VI-2, Shot WASP, area T-7-4, D-Day, H-Hour, at the Nevada Test Site to:

- a. Indoctrinate observers with the actual detonation of an Atomic Device.
- b. Provide instruction and experience for individual protection against nuclear radiation and blast effects.
- c. Obtain information, test equipment, and train operators for F.A. Observation Battalions.
- d. Instruct personnel and test training doctrine for 6th Army CBR Defense Teams.

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3. EXECUTION

Observer Groups "A", "B", and "C" with participating test units will move by motor convey from Camp Desert Rock to area T-7-4, under control of the Control Group Commander. Participating personnel will be entrenched "H" minus 1 hour.

a. Control Group

(1) Deputy Exercise Director and Aide:

Group Commander; 17 officers from staff of Exercise Desert Rock VI; One 1 1/4 ton vehicle w/radio, vehicle dug in, in vicinity of Command Trench.

(2) Signal Detachment 25 personnel; 2 switchboard operators; 1 PA system operator; 1 - 1 1/2 ton trailer (power unit) dug in, in vicinity of command trench; 1 - 1 1/4 ton vehicle with radio dug in, in vicinity of command trench. See Annex B.

(3) Rad Safe Team: Eight (8) monitors will survey the trench area; Will maintain surveillance until troops have departed.

(a) 6 mobile teams, mounted in 1/4 ton vehicles with radio will be brought forward on command of the Rad-Safe officer. These teams will be on a stand by for emergency.

(4) Medical: 3 (2 man) aid teams located in trench. Aid Station, See Annex C.

(5) Co "A", 505th MP Bn: Will furnish personnel to man road control points. See Annex G.

(a) Staff officer from S-3 Section, S-2 Section, and PM, will be in last vehicle of last serial. Will pick up MP road guides by roster.

(6) 50th Chemical Platoon provide personnel for Rad-Safe survey team: Set up contamination inspection in forward area and operate decontamination station located at coordinates (848888).

(7) Control group will infiltrate to forward area and clear Camp Mercury (check point #2) a minimum of 30 minutes prior to arrival of first motor serial at Camp Mercury.

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area from H-60 to H-1 minutes.

(9) Control Group Personnel:

<u>COMMAND</u>	<u>SIGNAL</u>
Brig Gen F. W. Sladen	Lt Col Windham
1st Lt J. F. Hasencamp	
Lt Col D.P. Rocco	<u>PROVOST MARSHAL</u>
<u>RAD-SAFE</u>	Lt Col R.G. Russell
Col F. W. Ludecke	<u>INSTRUCTOR GROUP</u>
<u>TRANSPORTATION</u>	Lt Col E. A. Shaw
Lt Col M.W. Sullivan	<u>MEDICS</u>
	Col R.T. Findlay

b. Observer Group "B"

(1) Consist of 373 US Army, 30 Air Force, 65 US Navy, 20 US Marine Corps Observers, moving in one serial of busses and 2 1/2 ton trucks.

(2) Moves in accordance with March Table Annex A.

(3) Participants in Exercise Desert Rock VI in accordance with Annex E.

c. Observer Group "A"

(1) Consists of 295 US Army, 30 Air Force, 65 US Navy, 70 AFSWP, and 24 members of CBR Defense Team from 6th Army.

(2) Moves in one serial of busses and trucks in accordance with March Table Appendix 1 to Annex A.

d. Observer Group "C"

Consists of 18 General Officers moving in one serial of sedans. (Annex A).

e. F.A. Locator of Atomic Burst Test.

(1) Consists of Battery "C" (-), 532d FA (Obsr) Battalion, a total of 95 personnel, with 26 vehicles.

(2) Locate Atomic Burst by three dimensional means, measure yield by use of the EG&G Banghometer.

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(3) Will man OP's, located 7,000 to 17,000 meters from GZ. OP's will be occupied H-12 hours. See Annex F.

(4) Wire communications, with alternate radio, will be established with Control Group Commander. See Annex B.

(5) Evacuation plan will be implemented in accordance with Annex H.

f. CBR Defense Teams: 6th Army

(1) Two twelve man teams, 15 1/4 ton vehicles, supplemented by one pilot and L-19 aircraft from Camp Desert Rock.

(2) Ground survey personnel will establish the 15 R/H line and will penetrate into contaminated areas no further than the 15 R line.

(3) Aerial Survey will determine the 10 R/H iso-intensity line and delineation of areas of maximum intensity, utilizing standard ground Radiac in light aircraft.

(4) Teams will operate 360° from GZ on D+1 Day and D+2 Days.

(5) Teams will not enter T-7-4 area for operation until D+ 1 Day.

(6) Communications: See Annex B.

g. Air Section

(1) Provide aircraft and pilots for air evacuation of injured personnel. See Annex C.

(2) Provide one L-19 aircraft and pilot for CBR Defense Teams on D+1 and D+2 days.

h. Coordinating Instructions

(1) Group Commanders will organize group so that one or more responsible officers will check roster for each group. Group commanders will certify that personnel are accurately loaded on assigned vehicles. If an individual is missing from the entrucking formation his name will be red-lined from the roster. The certified roster will be retained by S-2, Exercise Desert Rock VI, for presentation to AEC upon request.

(2) All control group personnel whose duties dictate their presence in forward area during future shots will obtain film badges.

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(3) Roll call will be held prior to loading groups in vehicles by roster.

(4) All personnel will be familiar with provisions of Rad-Safe program. See Annex D.

(5) All personnel will be informed that two (2) minutes prior to H-Hour a 30 second siren signal will be sounded. At this time the Control Group Commander will order all participants to crouch in their entrenchments, well below the surface of the ground and remain in that position until given instructions to rise over the PA system.

(6) Observers will be conducted through the display area under control of the Group Commander. Groups will move on order of the Control Group Commander.

(7) All personnel will be cautioned not to pick up any items in the equipment display area, or in the vicinity of ground zero.

i. This order effective 171200 February 1955.

4. ADMINISTRATION

a. Current administrative instructions apply.

b. Transportation

(1) Vehicles and drivers names as required will be furnished by Camp Desert Rock S-4. S-3 section will prepare a roster of observers reflecting name, rank, branch of service, badge number and vehicle number.

(2) Vehicles will be marked, front and on right side, with a letter number system, i.e., A1, A2, B1, B2, etc.

(3) Each serial will contain one empty vehicle to transport personnel in case of breakdown.

(4) A wrecker will be located at rear of each serial. Vehicles which break down during the movement to the display area will be pushed to the side of the road and remain there until the return trip is made to Camp Desert Rock, at that time wreckers will tow into Camp Desert Rock all non-operative vehicles. If vehicles break down at entrenchment area they will be towed to the parking area, coordinates 836985 where they will remain until all march units have cleared the display area.

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c. Medical See Annex C

(1) Aid station will be established in the vicinity of parking area 836985.

d. Uniform and Equipment

(1) Individual participants and observers:

(a) Clothing and Equipment

Fatigues

Combat Boots

Field Jackets

Overcoats (Optional)

Gloves, Leather, w/inserts

Helmet, steel, w/liner

Pistol Belt

Canteen, w/cover & cup, containing water

First aid packet and pouch.

e. (1) Hot Breakfast will be served in Camp Desert Rock prior to entrucking.

(2) Hot Coffee will be served in the forward area.

5. SIGNAL

a. Current S O I: Annex B.

b. Forward CP Exercise Desert Rock VI open H-60 minutes at entrenchment area control point.

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Brig Gen

ANNEXES:

- A. Transportation and March Table
- B. Signal
- C. Medical and Evacuation
- D. Rad-Safe
- E. Schedule of Events
- F. F.A. (Obsr) Locator Test
- G. Military Police
- H. Emergency Evacuation

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<u>Unit</u>	<u>Copy Nr</u>
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OCAFF	5 - 8
6th Army G-3	9 - 10
AFSWP	11 - 15
C.G. Exercise Desert Rock VI	16
EXO Exercise Desert Rock VI	17
S-1 Exercise Desert Rock VI	18
S-2 Exercise Desert Rock VI	19
S-3 Exercise Desert Rock VI	20
S-4 Exercise Desert Rock VI	21
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Hq Exercise Desert Rock VI
(872536) Nevada
150800 February 1955

ANNEX A (Transportation) TO OPERATION ORDER NR 2.

1. ORGANIZATION

Motor Vehicle Convoy will be organized into three serials as shown below under the command of the Motor Officer, Camp Desert Rock.

a. 1st Serial:

- 1 - 1/4 Ton w/radio - Serial Commander
- 1 - 1/4 Ton - Troop Commander
- 1 - ea Bus - 29 passenger, special troops
- 19 - ea Bus - 27 passenger - 483 permanent party
- 4 - ea Truck 2 1/2 Ton
- 1 - ea Truck (Ambulance) M-43
- 2 - ea Truck, (Wrecker) M-62

b. 2nd Serial:

- 1 - ea 1/4 Ton w/radio - Serial Commander
- 1 - ea 1/4 Ton - Troop Commander
- 17 - ea 37 passenger bus - 553 observers; 150 Air Force packet unit
- 6 - ea Trucks, 2 1/2 Ton.
- 1 - ea Truck, M-43 (Ambulance)
- 2 - ea Truck, M-62 Wreckers

c. 3rd Serial:

- 1 - ea 1/4 Ton w/radio - Serial Commander
- 12 - ea Sedans (VIP)
- 1 - ea Truck 2 1/2 Ton (Wrecker)

2. MISSION

To transport designated personnel from Camp Desert Rock to the forward trench area in the Nevada Test Site and return by motor vehicle. Route (See Appendix NR 2)

3. EXECUTION

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a. Movement will be in accordance with March Table (See Appendix NR 1):
Loading will be accomplished by 0320 hours on the designated date. Movement
of vehicles to the entrucking area for the return movement will be as directed
by S-3 Camp Desert Rock.

b. Entrucking and detrucking areas as designated. See Appendix 2.
Coordinating instructions.

(1) Serial Commanders will secure approval from S-3, Camp Desert Rock
prior to movement of convoy.

(2) Provost Marshal will provide necessary route marking and traffic
control (See Annex B).

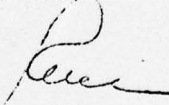
APPENDICES:

1. March Table
2. Route Map

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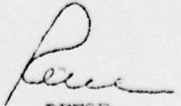
Hq Exercise Desert Rock VI
(872526) Nevada
150800 February 1955

APPENDIX 1 TO ANNEX A (Transportation) TO OPERATIONAL ORDER NR 2

MARCH TABLE

SERIAL COMMANDER	ROUTE	MARCH			CONTROL OF MOVEMENT		
		RATE	TYPE	T L	LOCATION OF CRITICAL POINTS	ETA	LATEST CLEARANCE
As Directed Nevada Test Area							
CAPT AQUINO		25 MPH	Open	5	(IP) Main Gate	0255	0305
MAJ SKAGGS		25 MPH	"	"	Mer ck pt Nr 1	0301	0311
		25 MPH	"	"	Mer ck pt Nr 2	0306	0316
		35 MPH	"	"	Control Point	0336	0346
		15 MPH	"	"	Detrucking Area	0356	0406
		15 MPH	"	"	Parking Area	0413	0423
As Directed Nevada Test Area							
CAPT RAY		25 MPH	Open	5	(IP) MP Gate	0310	0320
MAJ SKAGGS		25 MPH	"	"	Mer ck pt Nr 1	0316	0326
		25 MPH	"	"	Mer ck pt Nr 2	0321	0331
		35 MPH	"	"	Control Point	0351	0401
		15 MPH	Close	"	Detrucking Area	0411	0421
		15 MPH	"	"	Parking Area	0428	0438
As Directed Nevada Test Area							
CAPT McCORKLE		25 MPH	Open	5	(IP) MP Gate	0325	0335
MAJ SKAGGS		25 MPH	"	"	Mer ck pt Nr 1	0331	0341
		25 MPH	"	"	Mer ck pt Nr 2	0336	0346
		35 MPH	"	"	Control Point	0406	0416
		15 MPH	Close	"	Detrucking Area	0426	0446
		15 MPH	"	"	Parking Area	0443	0453

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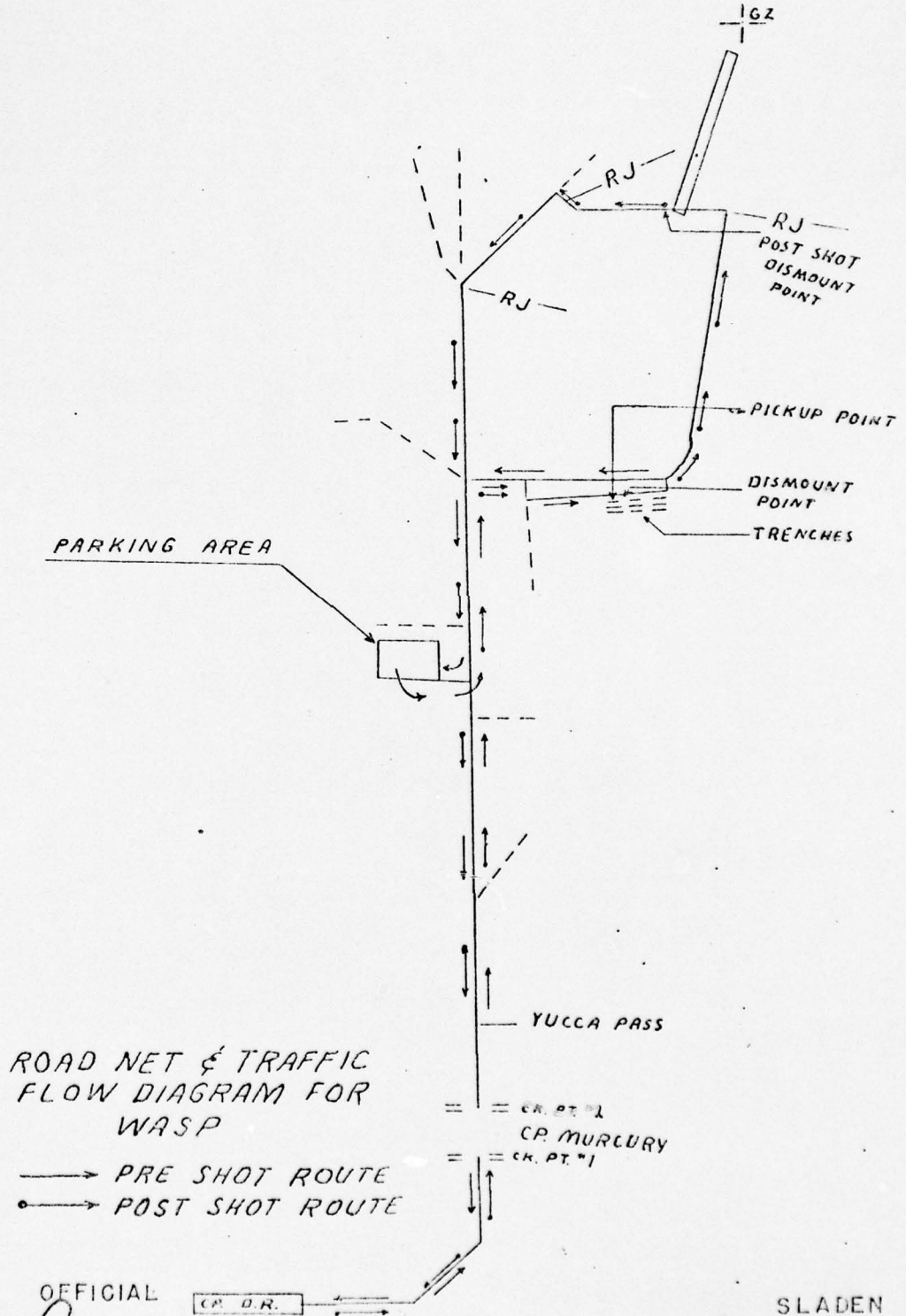
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APPENDIX 2 TO ANNEX A
(TRANSPORTATION) TO
OPERATION ORDER NR 2

HQ. EXERCISE DESERT ROCK V
(872536) NEVADA
FEBRUARY 1955



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Hq Exercise Desert Rock VI
(872536) Nevada
150800 February 1955

ANNEX B (Signal) TO OPERATION ORDER NR Z

1. PURPOSE

To provide a plan for continuous and reliable communication for this command in the forthcoming exercise.

2. MISSION

The 232d Signal Company and attached signal teams will provide all communication services and photo desimetry services.

3. EXECUTION

a. Wire Communications (Appendix 1 & 2)

(1) Install and operate tactical type switchboard in the immediate vicinity of the troop trenches.

(2) Install two (2) spiral four cable lines direct from Camp Desert Rock to forward area switchboard.

(3) Install one (1) spiral four cable line direct from AEC Control Point at Yucca Pass to the forward switchboard (for emergency use only).

(4) Install two (2) dial trunks from AEC Control Point at Yucca Pass to forward area switchboard.

(5) Install two (2) direct lines from AEC Control Point at Yucca Pass to Command trench, bypassing switchboard (one line for PA system and one line to Control Group Commander).

(6) Install following local circuits from forward area switchboard:

- (a) Two (2) circuits to 502d A. (over to)
- (b) One (1) circuit to each of the troop trenches.
- (c) Three (3) lines to Command trench.
- (d) Two (2) lines to aid station.
- (e) Two (2) lines to parking area.

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b. Radio Communications (Appendix 3)

(1) Radio silence from H-30 minutes to H+15 minutes with the exception of the Deputy Exercise Director's Command Net which will observe radio silence from H-15 minutes to H+15 minutes.

(2) Provide mobile radio net (Command Net) as emergency means for control and supervision of exercise.

(3) See SOI for all radio call words, call signs, and frequencies.

c. Public Address System (Appendix 4)

(1) Provisions will be made for control of PA system from a microphone located in the Command trench and from the Test Director's Control Point at Yucca Pass.

(2) Speakers will be placed at such locations in the trench area that all persons in trenches can hear messages from the PA system.

(3) One (1) vehicle will be provided with portable PA system and will be parked initially in the vehicle parking area. The PA system will be used for orientating the troops in the parking area.

d. Supply and Maintenance

Signal supply and Maintenance will be provided at Camp Desert Rock.

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APPENDICES

1. Telephone Traffic Diagram
2. Telephone Circuit Diagram (troop area)
3. Command net
4. PA System

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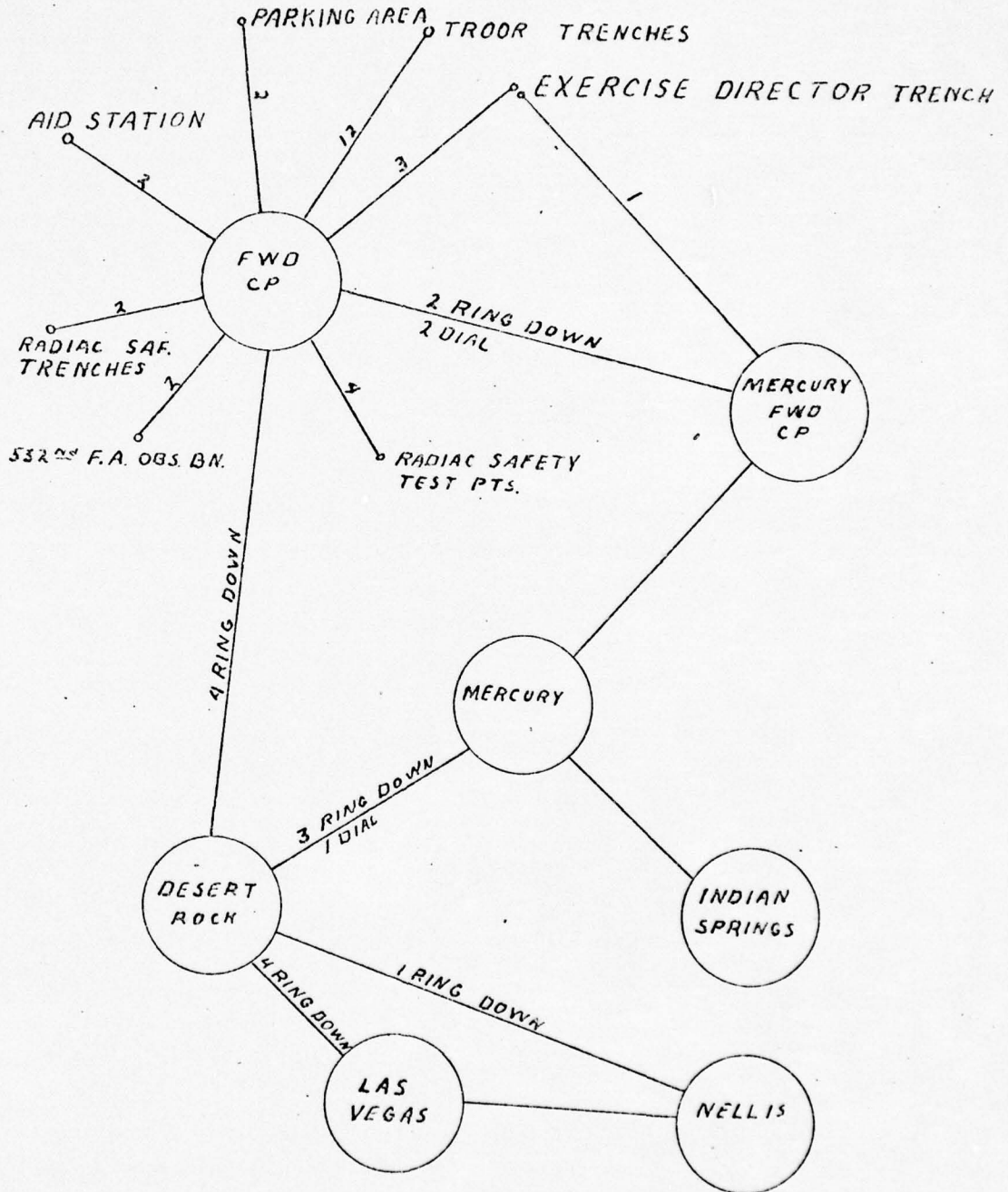

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APPENDIX I ANNEX B
(SIGNAL) OPERATION ORDER NR 2

HQ. DESERT ROCK VI
(872536) NEVADA
150800 FEBRUARY 1955



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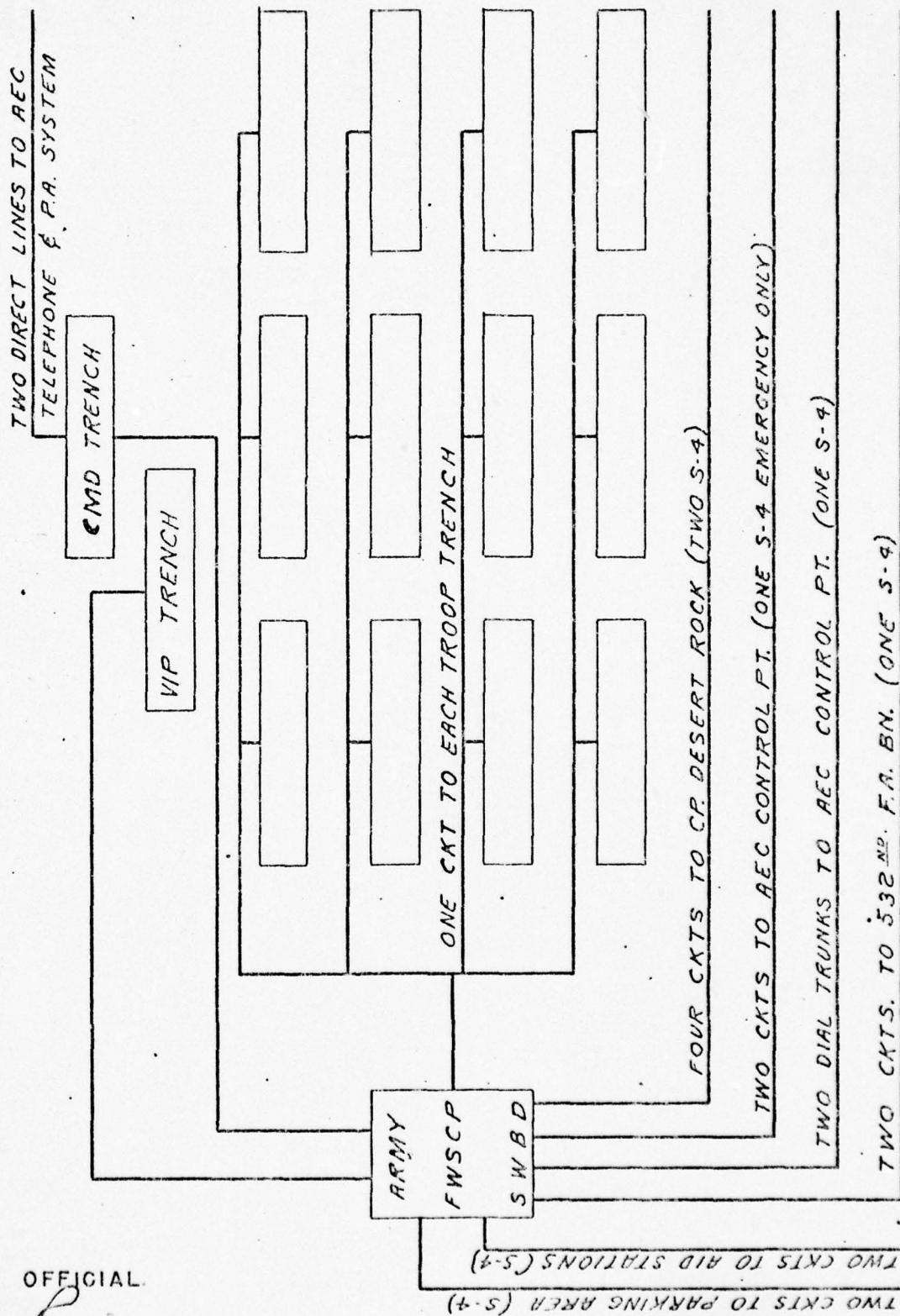
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APPENDIX 2 TO ANNEX B
(SIGNAL) OPERATION ORDER NR. 2

HQ. EXERCISE DESERT ROCK VI
(872536) NEVADA
150800 FEBRUARY 1955



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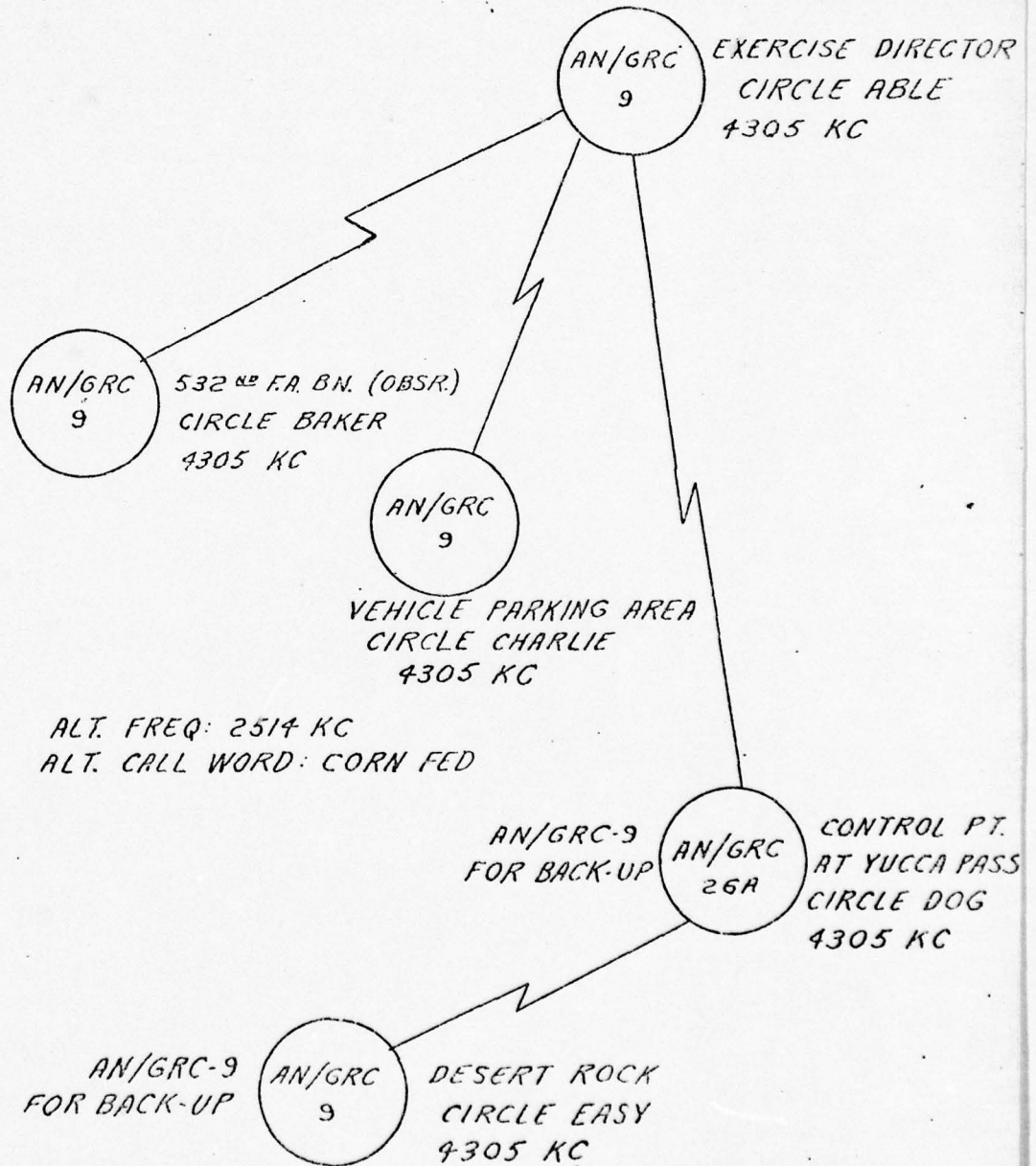
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APPENDIX 3 TO ANNEX B
(SIGNAL) OPERATION ORDER NR 2

HQ. EXERCISE DESERT ROCK VI
(872536) NEVADA
150800 FEBRUARY 1955



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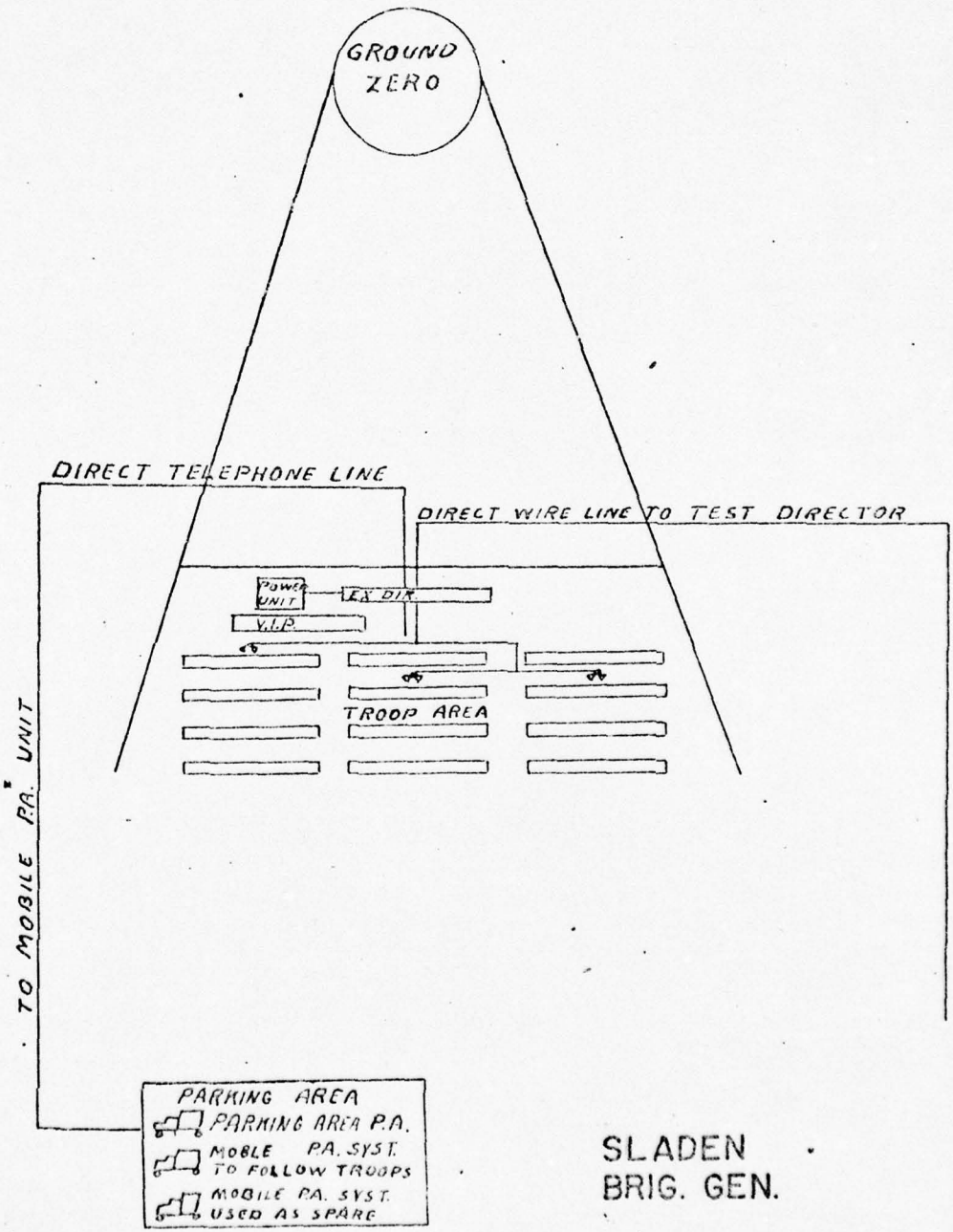
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HQ. EXERCISE DESERT ROCK VI
(87253) NEVADA
150800 FEB., 1955

APPENDIX 4 ANNEX B (SIGNAL) OPERATION ORDER NR 2



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Hq Exercise Desert Rock VI
(872536) Nevada
150800 February 1955

ANNEX C (Medical) TO OPERATION ORDER NR 2

1. ORGANIZATION

12th Evacuation Hospital (-)

Medical Detachment 95th Engineer Bn (-)

Aviation Detachment, Camp Desert Rock

2. MISSION

To furnish medical care and evacuation as required to all personnel participating in Exercise Desert Rock VI.

3. EXECUTION

The 12th Evac Hosp (-) with 95th Engr Bn Med Det (-) and aviation Det Camp Desert Rock attached will furnish medical care and evacuation for all personnel participating in shot Wasp, Exercise Desert Rock VI. The C.O. 12th Evac Hosp (-) will organize one (1) aid station, three (3) mobile med dets and four (4) med aid teams.

a. Command Group

Camp Surgeon

Two (2) aid men will ride in the aid station supply ambulance to the test area and take stations in rear of the Command Trench.

b. Aid Station

One (1) MSC Officer

Six (6) Med Aid Men

Two (2) Ambulances equipped sufficiently with specialized equipment and supplies to treat mass casualties.

Aid station personnel will move by infiltration to test area. Thence will proceed to the motor pool where an aid station will be established.

Upon completion of the shot, the aid station, including the two men stationed in rear of the Command Trench, will return to Camp Desert Rock after departure of the last motor serial from the test area.

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c. Mobile Medical Detachments

(1) Each detachment will consist of five (5) medical aid men, one (1) ambulance with specialized equipment and supplies.

(a) One detachment each will be attached to the 1st and 2nd serial. Upon arrival in test area will proceed to the vehicle park. After the shot will advance forward, on order of surgeon, to positions immediately behind the file of trenches occupied by the personnel of their serial.

(b) One mobile medical detachment will proceed by infiltration to the test area prior to movement of the 1st serial convoy. Detachment will proceed directly to the vehicle motor pool. After the shot, will advance forward, on order of the surgeon, to assigned position immediately behind 3rd file of trenches.

d. Medical Aid Teams

(1) Consist of two (2) medical aid men equipped with medical aid kits and specialized equipment.

(2) Teams will be assigned to:

(a) Command Group

(b) Rearmost trench of each of the 3 files of trenches.

(3) One team each will move with one aid station and the mobile medical detachments. These teams will provide medical service while in the trenches and will remain with participants as they proceed through the display area. They will call for support and/or assistance from mobile medical aid detachments by colored smoke, hand and arm signals or any other means of communication.

e. Evacuation and hospitalization

Convoy

Personnel requiring evacuation prior to arrival in the test area will be evacuated by ambulances attached to the respective motor serials.

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Test Area

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Prior to shot: Evacuation will move over approved routes (See Trans Annex). No evacuation will be made after H-1 hours, until approved by Rad Safe Section after H-hour. Personnel in need of evacuation at this time will remain in the area until after the shot, unless specific authority is granted by AEC to move over the road.

After the shot: Evacuation will be by ambulance and/or helicopter.

(a) Ambulance-over approved routes.

(b) Helicopters

1. Five (5) helicopters on alert at Camp Desert Rock.

Two (2) helicopters in reserve at Camp Desert Rock.

2. Two (2) H-19 helicopters with one doctor for each aircraft on alert at Nellis Air Base. Alert to continue from H-Hour to H+60 minutes.

a. Coordinating with Nellis Air Base will be made by Major Feldt, C.O. Air Section.

3. Guided to location of evacuees by colored smoke, hand and arm signals, or other means of communication.

4. One L-20 airplane will be on a stand-by status at Camp Desert Rock to expedite evacuation to Nellis AFB.

f. Coordinating Instructions

(1) The Medical aspects of dosimetric readings will be handled and recorded in accordance with instructions in Rad Safe SOP.

(2) Provost Marshal will implement selection and clearing of approved routes of evacuation of mass casualties.

(3) In the event of a major disaster all types of vehicles will be used for evacuation. Non-casualty personnel will be evacuated from the area after casualties are removed.

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ANNEX D (Radiological Safety Plan) TO OPERATION ORDER NR 2

1. MISSION

To provide radiological safety in Exercise Desert Rock VI to include organization, personnel, equipment, dosimetry, decontamination and monitoring with operational procedures and restrictions for all participants based on criteria prescribed by Department of Defense.

2. OPERATIONS

a. In this operation when observers will not proceed forward of the troop trench area, photodosimetry, and personnel and vehicle monitoring plus decontamination if necessary.

b. After the shock waves of the Atomic detonation have passed eight (8) monitors will commence surveying the troop trench area and continue until personnel have departed from the trench area. In the meantime six (6) radio mounted jeeps will be brought forward from the vehicle parking area to remain on standby for the monitoring teams, should motorized surveys be required.

c. Radios will be turned off from H hour minus 30 Minutes until H hour plus 15 Minutes.

d. Photodosimetry

(1) Film badges will be issued on the following basis:

- (a) One (1) per permanent party individual participating.
- (b) One (1) per VIP Observer (Col or higher grade).
- (c) One (1) per twelve (12) other observers.

(2) Pocket dosimeters will be issued on the following basis:

- (a) One (1) per trench area monitor.
- (b) One (1) for Rad Safety Officer.

e. Radiac Survey Meters will be issued on the following basis:

(1) AN/PDR T1B

- (a) One (1) per trench area Monitor.
- (b) Twenty (20) for Personnel & Vehicle monitoring team.
- (c) Ten (10) for Decontamination Station.

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- f. Personnel and Vehicle Monitoring and Decontamination (See App 1).
 - g. Emergency Evacuation (See Annex H).
 - h. Photodosimetry (See Memorandum this Hq. "Film Badges").
3. The maximum tolerance dosage that an individual will be allowed to assimilate in Exercise Desert Rock VI is 6r with no more than 3r prompt radiation. Maximum overpressure for personnel is 5 lbs/sq in.
4. Flare Pots located on the ground near the ends of the troop trenches before the shot will be extinguished and placed in the trenches prior to detonation.

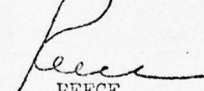
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1 Appendix

Personnel and Vehicle Monitoring and Decontamination.

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Hq Exercise Desert Rock VI
(872536) Nevada
150800 February 1955

APPENDIX 1 (Personnel and Vehicle Monitoring and Decontamination) TO ANNEX D
TO OPERATION ORDER NR 2

1. PURPOSE

To establish procedures for the monitoring and decontamination of personnel and vehicles against radiological contamination.

2. DEFINITION

Radiological contamination is the deposit of dust or dirt containing radioactive materials upon the surface of the skin, clothing, vehicles, or equipment. Decontamination consists of the removal of this dust or dirt by brushing, sweeping, washing, or abrasion.

3. EXECUTION

Before personnel are entrucked at the entrucking point to leave the trench area, all personnel and vehicles will be swept off with brooms, and then surveyed for radiation contamination. Rad Safe personnel will conduct the survey augmented by a 20 man monitoring team with AN/PDR 27A Radiac instruments from the 50th CML Platoon (Svc). If the maximum tolerance intensity is still 20 mr/hr or greater, the vehicle or person concerned will again be swept off with a broom in another attempt to lower the intensity by removing the dust or dirt. If this fails to lower the intensity below 20 mr/hr, the individual or vehicle concerned will be taken to the decontamination station located approximately 1000 yds north of the CP at Yucca Pass. (848888) Here a re-survey will be taken and if the intensity is still 20 mr/hr or greater decontamination procedures will be administered by showering the individual or washing the vehicle. Each personnel carrier vehicle will be equipped with two brooms, provided by the operating agency. The group leader is responsible for decontamination of his personnel and vehicle.

4. Radiological survey of personnel and vehicles will be conducted by holding the probe of the AN/PDR 27A two inches from the surface being surveyed. Particular attention will be paid to the individuals shoes, eyebrows, hairline and hands.

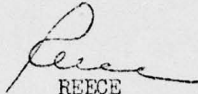
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5. Other than the showering and washing facilities at the decontamination station, brushes, containers of soapy water and rinse water will be present for cleaning shoes. The stations will have 10 each AN/PDR 27A, 2 each AN/PDR T1B, and 20 each brooms. Clothing and shoes will be provided by QM to replace contaminated items. Shipping tags and string will be on hand for marking and tying the individuals contaminated clothes.

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Hq Exercise Desert Rock VI
(872536) Nevada
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ANNEX E (Schedule of Events) TO OPERATION ORDER NR 2

TENTATIVE TIME	ADJUSTED TIME	UNIT	INSTRUCTIONS
1200	H-18 Hours	532d FA Bn	Will occupy positions afternoon prior to D-Day (ANNEX F)
0045	H-5:10	All	Reveille
0100 to 0200	H-4:55 to H-3:55	All	Breakfast
0200	H-3:55	Control Gp	Will report to flag pole by sections, will depart on order, clearing Mercury ck pt #2 prior 0230
0220	H-3:35	Gp "B"	Vehicle cmdr will muster observers, load vehicles, check film badges
0235	H-3:21	Gp "A"	Do
0250	H-3:06	Gp "B"	Depart Camp Desert Rock
0255	H-3:01	Gp "B"	Arrive (IP) main gate
0300	H-2:56	VIP Obsr	Will be mustered, load vehicles, check film badges
0301	H-2:55	Gp "B"	Arrive Mercury ck pt #1
0305	H-2:51	Gp "B"	Arrive Mercury ck pt #2
0305	H-2:51	Gp "A"	Depart Camp Desert Rock
0310	H-2:46	Gp "A"	Arrive (IP) main gate
0316	H-2:40	Gp "A"	Arrive Mercury ck pt #1
0320	H-2:36	VIP Obsr	Depart Camp Desert Rock
0321	H-2:35	Gp "A"	Arrive Mercury ck pt #2
0325	H-2:31	VIP Obsr	Arrive (IP) main gate
0331	H-2:25	VIP Obsr	Arrive Mercury ck pt #1
0336	H-2:20	VIP Obsr	Arrive Mercury ck pt #2
0336	H-2:20	Gp "B"	Arrive control point (Yucca)
0351	H-2:04	Gp "A"	Arrive control point (Yucca)
0356	H-1:59	Gp "B"	Arrive detrucking area
0406	H-1:49	VIP Obsr	Arrive control point (Yucca)
0411	H-1:44	Gp "A"	Arrive detrucking area
0413	H-1:42	Gp "B"	Vehicle arrive parking area
0426	H-1:29	VIP Obsr	Arrive detrucking area

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TENTATIVE TIME	ADJUSTED TIME	UNIT	INSTRUCTIONS
0428	H-1:27	Gp "A"	Vehicles arrive parking area
0430	H-1:25	Gp "B"	Placed in trenches, safety inspection, wire communications checked, Hot Coffee
0443	H-1:12	VIP Obsr	Vehicles arrive parking area
0445	H-1:10	Gp "A"	Placed in trenches, wire communications checked, safety inspection, Hot Coffee
0445	H-1:10	VIP Obsr	Do
0455	H-1:00	All	Indoctrination & Orientation over PA system
0553	H-0:02	All	Warned to crouch in trenches, Count Down
0555	H-Hour	All	SHOT
0605	H+0:10	Rad-Safe	Check trenches and entrucking area
On Call		Parking Area	Will dispatch vehicles on call of control group commander
0635	H+0:40	VIP Obsr	Will assemble and be checked by roster; will be swept off before entering vehicles
0645	H+0:50	VIP Obsr	Depart forward area
0645	H+0:50	Gp "A"	Will assemble and be checked by roster; will be swept off before entering vehicles
0705	H+1:10	Gp "A"	Depart forward area
0705	H+1:10	Gp "B"	Will assemble and be checked by roster; will be swept off before entering vehicles
0735	H+1:40	Gp "B"	Depart forward area
0810	H+2:15	VIP Obsr	Arrive Camp Desert Rock, Turn in film badges
0825	H+2:30	Gp "A"	Do
0855	H+3:00	Gp "B"	Do
0855	H+3:00	Control Group	Depart forward area on order of control group commander
1015	H+4:20	Control Group	Arrive Camp Desert Rock
0730	D+1 Day	CER Defense Teams	Operate 360° radius GZ in accordance with Operation Order NR
1800	D+2 Day	CER Defense Teams	Do

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Hq Exercise Desert Rock VI
(872536) Nevada
150800 February 1955

ANNEX F (FA Location Burst) TO OPERATION ORDER NR 2

1. PURPOSE

The 532d FA Bn (Obsr) (-) will conduct sound ranging, flash ranging, and radar ranging during the course of Exercise Desert Rock VI.

2. MISSION

To determine if the Field Artillery Battalion (Observation) can determine the location of ground zero and height of burst of atomic blasts using normal tactical employment of equipment either now available or readily accessible to the battalion.

3. EXECUTION

a. The location of flash observation party, flash CP's sound microphones, and sound CP's and access (egress) roads for each installation are as shown on attached overlays.

b. All installations will be manned from H-12 until after the location has been plotted unless sooner evacuated on orders. Radio silence will be maintained and vehicle engines will not be run from H-30 minutes until H-15 minutes.

c. Primary communications between all occupied installations will be by wire (2 lines). Alternate means of communications will be by radio.

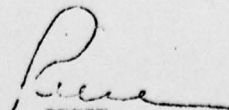
d. Battery Commander will be responsible to evacuate all personnel in event of emergency evacuation. He will notify the Control Commander when evacuation is complete.

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APPENDIX 1 Locator Burst

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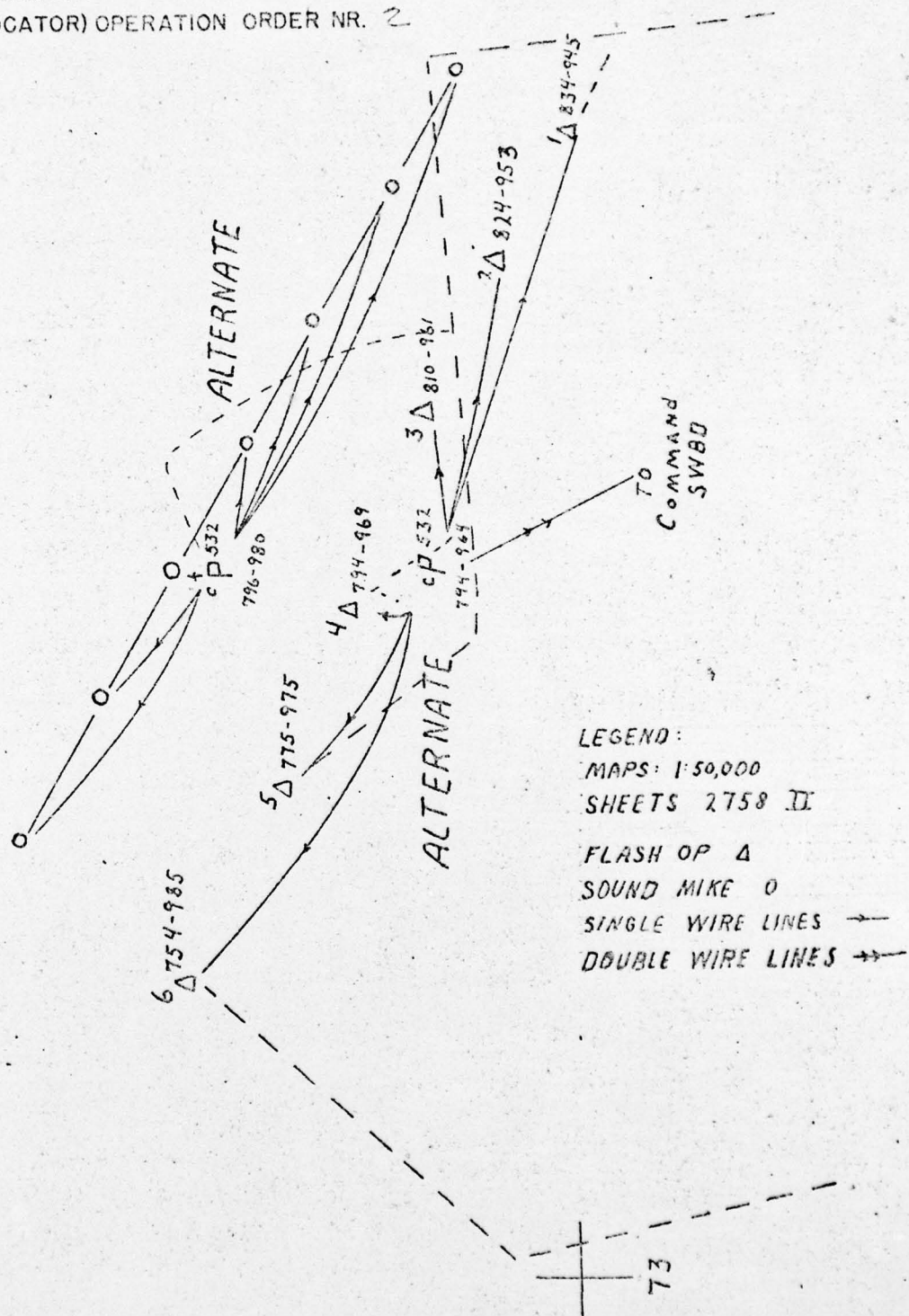
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95 HQ. EXERCISE DESERT ROCK
(872536) NEVADA

150800 FEBRUARY 1955

APPENDIX I TO ANNEX F
(F.A.LOCATOR) OPERATION ORDER NR. 2



LEGEND:
MAPS: 1:50,000
SHEETS 2758 II

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SOUND MIKE O
SINGLE WIRE LINES —→
DOUBLE WIRE LINES ==→

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1. MISSION

a. To provide direction and control of Military vehicles in serials in the Nevada Proving Grounds area during Exercise Desert Rock VI, shot "WASP".

2. OPERATIONAL TASKS

a. The Provost Marshal, Exercise Desert Rock VI, will be responsible for the implementation of the plan outlined herein.

b. The Commanding Officer, Company 4, 505th M.P. Battalion will provide necessary personnel and equipment to accomplish tasks as proscribed herein.

3. DETAILED PLAN

a. The Provost Marshal (or Assistant Provost Marshal), will be with the Command Group (¼ Ton 4X4 with radio and driver). The vehicle will proceed to the parking area and after the shot will return for use of Provost Marshal at trench area.

b. The operations Sergeant will place Military Police on posts enroute to parking areas (Through dismount point), thirty minutes prior to first serial reaching post #1, (Yucca Pass). Post #1, #2, #3, #4, #5, #6, #7, #8 (total 10 E.M.)

c. After all clear the operations Sergeant will proceed from parking area and place Military Police on posts for return trip to Camp Desert Rock (thru trench area and display area), ahead of movement of vehicles from parking area to trench area. Posts #8, #7, #2, #3, #4, #5, #6, #9, #10, #11 (total 12 EM)

d. The Assistant Provost Marshal (or the Provost Marshal), will be in the last vehicle of the last serial, pick up Military Police on posts #2, #3, #4, #5, #6, #7, #8, (total 9 E.M.), (with exception of M.P. on post #1, at Yucca Pass who will remain at Yucca Pass thru shot), enroute to parking area and will remain with Military Police in parking area until all clear is given. On return trip he will pick up all Military Police including posts #8, #7, #2, #3,

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#4, #5, #6, #9, #10, #11, #1 (total 13 M.P.'s).

e. Posts for Military Police for Exercise Desert Rock VI, "W.L.S.P.", will be as follows: (see strip map attached).

(1) Enroute from Camp Desert Rock to parking area.

Post 1-8 (10 M.P.'s)

TCP NR 1 (1M.P.)	Yucca Pass Hill guard shack. Guide vehicles "straight ahead".
TCP NR 2 (2 M.P.'s)	Guide "right", enroute to trenches. Guide "left", enroute to parking area.
TCP NR 3 (1 M.P.)	Guide "right", enroute to trench. Guide "straight ahead", enroute to parking.
TCP NR 4 (1 M.P.)	Guide "left", to dismount
TCP NR 5 (1 M.P.)	Guide "left".
TCP NR 6 (1M.P.)	Guide "left".
TCP NR 7 (1 M.P.)	Guide "right", to parking area. Guide "left", to trench area.
TCP NR 8 (2 M.P.'s)	Guide "right", and park in area to face direction they came from, by serials.

(2) Returning from parking area to Camp Desert Rock. Posts #8, #7, #2, #3, #4, #5, #6, #9, #10, #11, #1 (13 M.P.'s).

TCP NR 8 (2 M.P.'s)	When all clear is sounded direct vehicles by serials to main road.
TCP NR 2 (2 M.P.'s)	Enroute to trenches guide "right".
TCP NR 3 (1 M.P.)	Guide "right" enroute to trenches.
TCP NR 4 (1 M.P.)	Guide "left", to trenches to pick up passengers.
TCP NR 5 (1 M.P.)	Guide "left".
TCP NR 6 (1M.P.)	Guide "right".
TCP NR 9 (1 M.P.)	Guide "left".
TCP NR 10 (1 M.P.)	Guide "left".
TCP NR 11 (1 M.P.)	Guide "left".
TCP NR 1 (1 M.P.)	Check number of serialized vehicles passing your point returning to Camp Desert Rock.

f. Military Police on posts will not interfere with non-serial vehicles but will endeavor to cross infiltrate at road junctions, civilian vehicles will have priority of right of way.

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4. REQUIREMENTS

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- a. Personnel - 2 Officers, 1 NCO, 19 Military Police.
- b. Vehicles - 1 $\frac{1}{2}$ Ton 4X4, (Troopst Marshal), with radio, with driver. Four (4), $\frac{1}{2}$ Ton 4X4 (Transportation), with radio, with driver. One (1), $\frac{1}{2}$ Ton 4X4 (S-3), with radio, with driver.

5. ADMINISTRATIVE REQUIREMENTS

- a. All Military Police personnel participating in this operation will draw film badges.
- b. Military Policemen provided flare pots will be responsible for lighting them, putting out the flame and returning them to Company A, 505th M.P. Bn (10 flares will be required, 1 each Military Policemen on post.) (Enroute).
- c. Military Policemen will be provided with either traffic batons or flashlights.
- d. Uniforms will be class "C", with helmets, helmet liners, canteen and belt with cup, and without sidearms.

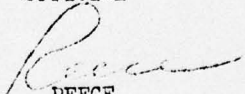
APPENDIX:

- 1. Traffic Circulation Plan

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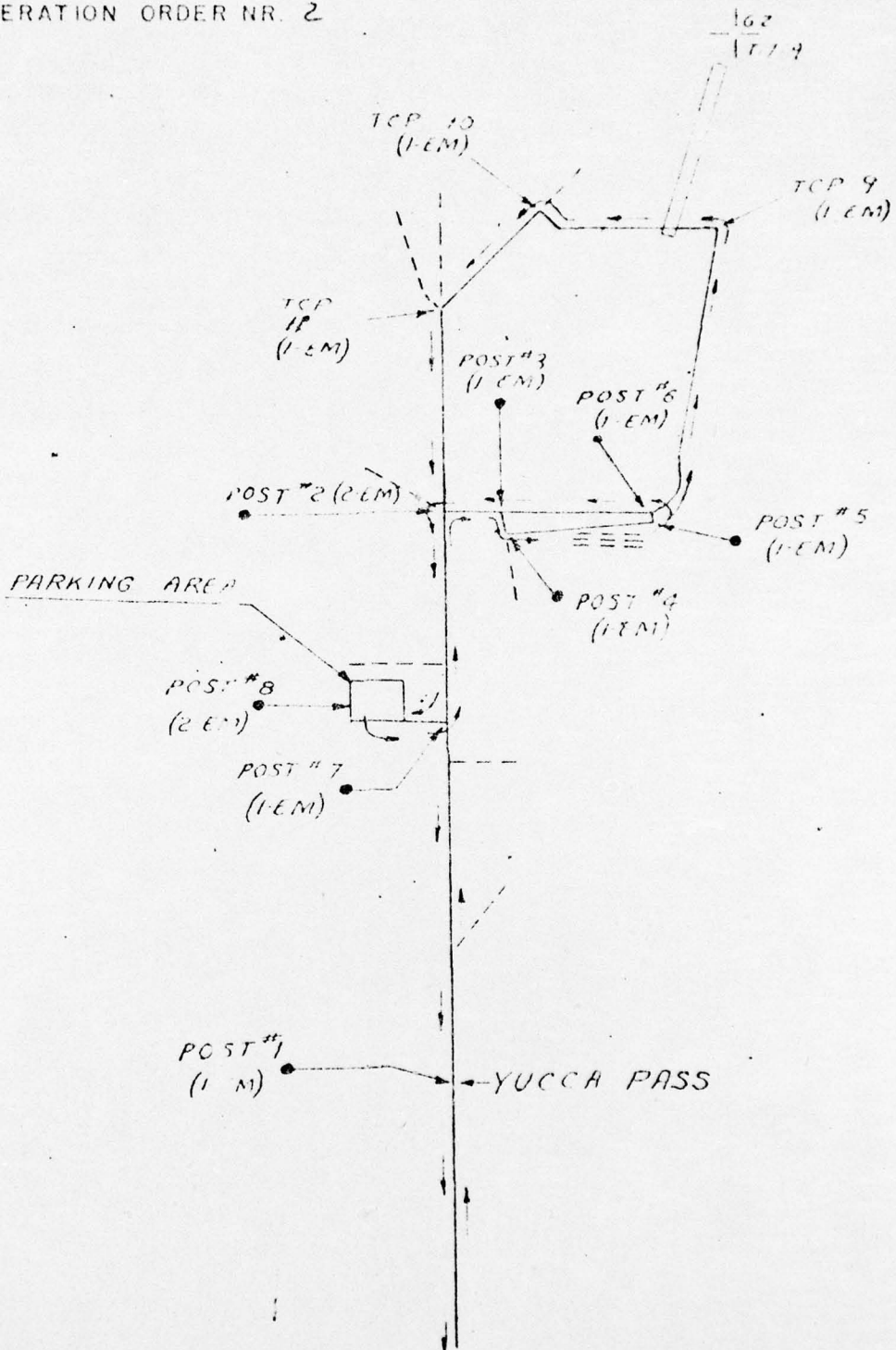
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APPENDIX I TO ANNEX G
(M P CONTROL) TO
OPERATION ORDER NR. 2

HQ EXERCISE DESERT ROCK VI
(872536) NEVADA
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Hq Exercise Desert Rock VI
(872536) Nevada
150800 February 1955

ANNEX H (Emergency Evacuation Plan) TO OPERATION ORDER NR 2

1. MISSION

This annex outlines the procedure to be followed to accomplish the total evacuation of the forward area during Exercise Desert Rock VI. The Deputy Exercise Director through the control Group Commander, will direct the implementation of this plan.

2. EXECUTION

Personnel will be prepared to execute a total evacuation of the forward area at any time during D-Day.

a. The direction of evacuation will be to the South to a designated place of safety in the following order:

- (1) Assembly area "A" (846878)
- (2) Check Gate NR2 CP Mercury (914605)
- (3) Camp Desert Rock Motor Pool (872537)

b. Transportation Commanders will be responsible for the movement of their vehicles during the evacuation and for maintaining the proper march unit order of their control.

c. Group Commanders will be responsible for the proper movement and loading of their groups aboard vehicles.

d. The following procedure will be followed for personnel in the ENTRENCHMENT AREA.

- (1) Group "A" and "B" personnel will assemble and entruck in vehicles under the supervision of the Group Commander.
- (2) Control Group will assemble directly behind the control trench and entruck on order of the Control Group Commander.
- (3) Provost Marshal will report to Control Commander at the Control Trench.
- (4) Vehicles will be dispatched from parking area in march unit order to the entrucking area on order of the Control Group Commander.

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e. When personnel are in the display area the procedure will be as follows:

(1) Observer group commanders will move their units to the nearest 500 yard crossroads as directed by the Control Group Commander. The location of the group will be relayed by most expeditious means to officer at Command trench. Officer will in turn call parking area and have vehicles of group dispatched immediately. Vehicles will remain in march unit order throughout the operation.

(2) The column will move under the direction of the transportation commander to the designated place of safety. The interval between vehicles will be normal with no set time between serials.

(3) Battery "C" (-) 532d FA (Obsr) will designate FLASH OP as assembly point. When all personnel are accounted for, Battery commander will notify Control Group Commander and proceed by most direct route to Camp Desert Rock Motor Pool.

(4) The Control Group will evacuate the test area on order of the Deputy Exercise Director when it is assured that all other groups have been evacuated.

(a) The Control Group Commander will have a check made of the vehicles at the designated rendezvous area.

f. (1) Maximum vehicle speed will be 35 MPH.

(2) Vehicle March Units will remain intact during all movements.

(3) Command, MP, and Medical units will have road priority during the movement.

(4) The decontamination team of the 50th Chem Service Platoon will move mobile and portable decontamination equipment to the designated place of safety to perform such decontamination as directed.

(5) Decontamination of personnel will be carried out on order.

(6) Code designation for the evacuation plan will be "CONDITION RAIN".

(7) "Condition Rain" will be transmitted by most readily available means and will be authenticated by the Camp Desert Rock Red-Safe Officers.

(8) "Condition Rain" will be transmitted to all Groups of Task Force by means available. Siren at command trench will sound groups of seven (7) short blasts, with 30 second intervals between groups.

(9) Windows in vehicles will be closed when practical.

(10) Individuals will refrain from eating or smoking during the evacuation.

3. MEDICAL EVACUATION

a. Aid stations in parking area will cease operation upon the evacuation of all personnel from the forward area and join the control group March Unit.

b. Casualties will be evacuated to the Medical Detachment at Camp Desert Rock.

c. Route of evacuation will be the most direct route available.

4. MISCELLANEOUS

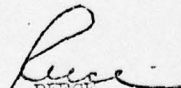
a. Emergency Signal: Seven (7) short blasts with 30 second interval by siren.

b. Forward CP will move from intrenchment area upon receipt of "Condition Rain". New location to be announced at time of movement.

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