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NEG &
POS.

ATOM BLAST AT ELM & MAIN
NEWS #62

OXFON
SILVER

1. L.V. ATOM BOMB Explosion in Nevada
desert. 8
SUPER IMPOSE TITLE

2. Small town scenic in U.S. (LIB). 4

3. Another view same. (LIB). 8

BLACKOUT

4. G.V. past Cactus Tree of desert 12½

5. Sign indicating area is ATOMIC
proving grounds. 15

✓ 6. G.V. of House and cars on proving
ground for test. 19

7. S.V. man putting up street sign
reading ELM AND MAIN STREET. 22

8. C.U. Street sign. 28

✓ 9. El. V. of people around test
house. 31

✓ 10. Int. V. dummies seated around room 34

✓ 11. Int. V. dummies seated at table. 39

12. S.V. Dummies behind shelter board 41

✓ 13. C.U. tilt up from first aid kit to
dummies with child dummy. 49½

View looking out thru window of house 52

✓ 15.	G.V. cars placed at various spots on desert.	55
✓ 16.	G.U. woman dummy in car.	58
17.	S.V. Test house Auto and observers	63½
18.	Air V. soldier arriving for test.	69½
✓ 19.	S.V. pan soldiers going into trench	75
✓ 20.	G.U. same.	77
✓ 21.	G.V. soldiers in trench.	80
22.	S.V. same.	82
✓ 23.	Angle shot. soldiers in trench.	85

F A D E

24.	G.V. sign "This is News Nob? etc. (POS)."	88
✓ 25.	S.V. Clock reading four minutes to five. (POS).	92
✓ 26.	S.V. Reporters at typewriters (POS).	94½
✓ 27.	S.V. Cameramen getting set (POS).	97
✓ 28.	S.V. Stillmen getting set (POS).	99
29.	S.V. Stillmen getting set (POS).	100
✓ 30.	S.V. Cameramen getting set (POS).	102
✓ 31.	S.V. Flares going up at footage 105 prior to explosion (POS).	108
✓ 32.	S.C.U. Cameramen. (POS).	109½

✓ 33.	S.V. of Atom bomb Explosion (POS).	119
✓ 34.	S.V. light flash from explosion illuminating observers at footage 120. (POS).	126
✓ 35.	S.V. Atom Bomb continues	136
36.	C.U. big still camera	137
37.	G.V. continuation of Explosion with halo effect (POS)	145
38.	S.V. Big still camera	147
39.	Silhouette shot of people and Atom Bomb spiral in B.G.	149½
40.	G.V. same. (POS).	152
41.	G.V. of Helicopters flying over area (XXXX).	156
42.	S.C.U. Helicopter with man in it using Geiger counter.	158
43.	G.V. people walking along road towards area. (POS).	161
44.	C.U. feet past wearing special shoes (POS).	164
✓ 45.	G.V. showing tower and wrecked house ? (POS).	169
✓ 46.	S.V. soldier going in with Geiger counter - Standing house in right B.G.	173
✓ 47.	C.U. angle man with Geiger counter	175½
✓ 48.	G.V. man with Geiger counter approaching tank.	179
49.	S.V. man with hat on top of test car using hat to shot pent in car	183

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50.	C.V. man using hat to show dent in top of car. (POS).	187
51.	G.V. of members of press on NW NOB HILL. (POS).	190
52.	S.V. Observers and cameramen looking out. (POS).	193
? 53.	S.V. standing house (complete).	196½
? 54.	G.V. of area	199½
55/	Pretty scene of test area with tree in foreground.	206

FALLOUT.

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**"TARGET NEVADA" SHOWS
PREVIOUS ATOM BLAST
SCENES FOR FIRST TIME!**

(Official Air Force footage released by Dept. of Defense)

On eve of second public atom blast in Nevada, the Atomic Energy Commission and Dept. of Defense have approved the release of scenes of previous atom blasts, never before made public. "Target Nevada" which includes these scenes shows the part played by the U.S. Air force in the Atomic Energy Commission's continental test program and the Department of Defense nuclear weapons program.

THE SEQUENCE SHOWS:

- (1) Series of atomic "test shots" part of the 20 that have echoed across AEC Testing Grounds near Las Vegas, Nevada.
- (2) Major General John S. Mills, USAF, who directs the "Atomic Air Force" from their bases... and the drop aircraft are shown.
- (3) "Weather Central" at AEC's control point is an important factor because the weather must be right for the tests.
- (4) Every blast must be watched...wind drift checked...safety being the priority watchword of the whole programme.
- (5) Helicopters check for "radiation" charting "hot areas."
- (6) Cloud sampler "sniffer" planes gather samples for analysis.
- (7) Other planes... with special assignments...camera planes...tracker planes &c. are also in the air.
- (8) Report on movements in tracking room is compiled so commercial air lines are warned of cloud path.
- (9) "Decontamination" is part of the safety precautions for participating aircraft returning from a mission.
- (10) On the ground, continuing experiments on the effect of the atomic flash on aircraft crews is studied.
- (11) Flight Surgeon volunteers test their visual reactions to the actual flare of an atomic burst.
- (12) The effects of atomic bursts on aircraft are studied by using obsolete fighters and bombers, staked out in the target area at varying distances and angles.

- ✓ (13) High-speed cameras record evidence of the blast's effects... and later damage is studied in detail.
- (14) The Air Weather Officer meets with the top authorities for a final briefing on the eve of a test drop. When all groups convene, the decision is made, as here, by Dr. Alvin Graves, Scientific Test Director and Mr. Carroll Tyler, Test Manager for AEC.
- ✓ (15) Once this decision is made...the aircraft crews get a final briefing...drop aircraft are loaded and readied for the mission.
- ✓ (16) For an atomic bomb drop, the B-50 drop aircraft carries three of its crew who share the heavy responsibility for a successful drop ...the pilot...the radar navigator...and the bombardier.
- ✓ (17) Here is one of the atomic bomb runs that made atomic history... ending with a dramatic air view of the now familiar mushroom rising over the Nevada desert.

DO NOT RELEASE UNTIL 6 PM 16 MAR 1953