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APPENDIX I

Artesia, New Mexico - 16 January 1952.

I. DESCRIPTION OF INCIDENT

On 16 January 1952, two members of a balloon project from the General Mills Aeronautical Research Laboratory and four other civilians observed two unidentified aerial objects in the vicinity of the balloon they were observing. The balloon was at an altitude of 112,000 ft. and was 110 ft. in diameter at the time of the observation.

The objects were observed twice, once from Artesia, New Mexico, and once from the Artesia Airport. In the first instance, one round object appeared to remain motionless in the vicinity, but apparently higher, than the balloon. The balloon appeared to be $1\frac{1}{2}$ inches in diameter and the object $2\frac{1}{2}$ inches in diameter (ratio 3:5) and the color was a dull white. This observation was made by the two General Mills observers.

A short time later the same two observers and four civilian pilots were observing the balloon from the Artesia Airport. Two objects at apparently extremely high altitude were noticed coming toward the balloon from the northwest. They circled the balloon, or apparently so, and flew off to the northeast. The time of observation was about 40 seconds. The two objects were the same color and size as the first object. They were flying side-by-side. When the objects appeared to circle the balloon, they disappeared and the observers assumed they were disc-shaped and had turned on edge to bank.

II. STATUS OF INVESTIGATION

Unfortunately this report was not made until 5 April and did not reach ATIC until 16 April. Due to this time lapse, no further investigation is contemplated. The observers are known to be very reliable and experienced.

III. CONCLUSIONS

None.

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APPENDIX II

Nenana, Alaska - 22 January 1952

I. DESCRIPTION OF INCIDENT

At 1020Z on 22 January 1952, a radar station at Murphy's Dome, Alaska, observed an unidentified radar return. The target was going away from the station on an azimuth of 210°, at a speed of about 1500 mph when first observed but appeared to reverse its direction and returned toward the station. The set was adjusted so that the target could be observed as it closed in on the station but after this change was made the target was no longer observed. Seven minutes later (approximately 1030Z) the target was again observed, however, at about its original location, and again going away from the station. Just before it faded it appeared to be making a turn back toward the station.

At 1030Z an F-94 was airborne to search for the object. At this time the object was going away from the station at a high rate of speed so the F-94 was told to orbit. About this time the ground station lost contact with the object but continued to track the F-94.

At about 1100Z as the F-94 was approaching Nenana (near Fairbanks), the radar observer in the F-94 observed two targets, one faint and one bright. The aircraft was at 30,000 ft. and the target was at 25,000 ft. The targets crossed from right to left and appeared to be traveling slowly and as the F-94 approached the target a high rate of closure was indicated. The contact was lost at a range of 200 yards.

Approximately one hour later, again near Nenana, another contact was made by the F-94. In this instance the target was kept dead ahead and level. When the target was at a range of 200 yards, the pilot pulled up and the target was lost. The rate of closure during the run was 100 knots even though the F-94 had flaps down. No other contacts were made and the aircraft was released at 1210Z.

During the two airborne contacts the F-94 was being tracked by the ground station but the object was not being picked up.

The weather was clear but no visual sighting was made. On the same night, the same crew had visually identified a C-54, a C-47, and a small civilian aircraft from 300 to 500 yards. There were no clouds in the sky but it was a dark night.

No malfunctions were found in either radar set.