http://www.bluebookarchive.org/page.aspx?PageCode=NARA-PBB90-647

[redacted]

DEPARTMENT OF THE AIR FORCE
HEADQUARTERS UNITED STATES AIR FORCE
WASHINGTON

THE INSPECTOR GENERAL USAF
8TH DISTRICT OFFICE OF SPECIAL INVESTIGATIONS
MAXWELL AIR FORCE BASE, ALABAMA

4 December 1950

24-109 SPOT INTELLIGENCE REPORT

SUBJECT: Unidentified Flying Objects

TO: Director of Special Investigations
Headquarters, U. S. Air Force
Washington 25, D. C.

1. SYNOPSIS: From 1715, 29 November until 2400 hours, 30 November 1950 unidentified objects appeared at various times on the scopes of the AF Radar Station, Knoxville, Tennessee over the Controlled Area of Oak Ridge, Tennessee. 24-30 Nov 50

2. DETAILS: At 1715 hours, 29 November 1950, three (3) unidentified paints (objects) appeared on the radar scopes of the AF Radar Station, 602nd AC&W Squadron, McGhee-Tyson Airport, Knoxville, Tennessee. These paints were over the Oak Ridge Controlled Area and they were not aircraft as they were moving at a speed of about six miles per hour. By 1755 the scopes "had become cluttered with paints". These objects appeared to have originated near the ground at the center of the northwest boundary of the Controlled Area and were traveling and ascending at a slow rate of speed in a southeasterly direction over the Controlled Area. As the objects, now at an altitude of 2500 to 3000 feet, came over the center of the Controlled Area they spread or fanned out and some changed directions to East South East and to West South West. The paints varied from 290 degrees to 330 degrees at from ten (10) to twenty six (26) miles from the Radar Station and they would appear, disappear, paint bright and paint dim at various times. An F-82 fighter attempted interception of specific targets but no visual or airborne radar contact was made. At 1930 the paints began to diminish and after about two (2) hours had disappeared from the scopes.

The following wind conditions prevailed over Oak Ridge at 1600, 29 November 1950:

Surface	Wind SW	210 Deg.	5 mph
1200 ft.	"	230 Deg.	12 mph
2200 ft.	"	240 Deg.	14 mph
3200 ft.	"	260 Deg.	28 mph

(Oak Ridge is 330 ft. above sea level.)

UNCLASSIFIED

CLASSIFICATION CANCELLED
BY AUTHORITY OF THE DIRECTOR OF SECURITY
KURT K. KUHZE, Capt, USAF
BY Historian
4 DEC 1975
DATE

[redacted]

http://www.bluebookarchive.org/page.aspx?PageCode=NARA-PBB90-648

The following temperatures were recorded at 1700 on 29 November 1950:

Surface	32 Deg.
500 ft.	30 Deg.
1000 ft.	27 Deg.

At 1900, 29 November 1950 a graph record of a background counter (Geiger counter used to determine radio activity) located in the Controlled Area indicated a pronounced rise in Alpha particles and a slight rise in Gamma rays at the same time. These readings are unaccounted for at the present time. Atomic Energy Commission officials state that no unusual release of radioactive particles was made from their installations on 29 or 30 November 1950.

On 30 November 1950, Mr. W. B. Gray, Special Agent, CIC, and Mr. William M. Price, Special Agent, OSI, were present at the AF Radar Station when a single, unidentified object appeared on the radar scopes. Following is the controllers notes of the objects progress:

Time	Range (miles)	Azimuth
1351	21	317 deg.
1354	17	310
1400	15	300
1402	14	295
1403	13	290
1405	12	285

(Object disappeared from the scope at 1405.)

At approximately 1630, 30 November 1950, paints, too numerous to count, reappeared on the radar scopes. These paints followed a pattern similar to those of the 29th. These objects remained visible on the radar scopes until 2330 or 2400, 30 November 1950. Present at these observations, in addition to the regular radar crew, were the following persons:

Lt.Col. John R. Hood, Jr. USAF, NZPA, AMC Field Engr. Officer, Oak Ridge, Tenn.
Commander W. E. Hribar, USN, Liaison Officer, Oak Ridge, Tenn.
Major Walter Carrs, USAF, NZPA, Oak Ridge, Tenn.
Major R. C. Care, USAF, Area Defense Commander
Dr. F. J. Davis, Oak Ridge National Laboratories, Oak Ridge, Tenn.
Mr. Paul Reinhardt, Oak Ridge National Laboratories, Oak Ridge, Tenn.
Mr. W. B. Gray, S/A CIC, Knoxville, Tennessee
Mr. W. M. Price, S/A OSI, Knoxville, Tennessee

3. ACTION: A plan is being considered whereby background counters would be installed in the fighter aircraft in order to measure radio activity in the air during the time of radar sightings of unidentified flying objects over Oak Ridge.

[redacted]

[redacted]

http://www.bluebookarchive.org/page.aspx?PageCode=NARA-PBB90-649

A plan has been arranged whereby the release of radio active particles from the installations at Oak Ridge will be checked for possible readings on the radar scopes.

PATRICK W. HAYES
Lt. Colonel, USAF
District Commander

cc: Hq. AMC
ATTN: MCIS

[redacted]

2957