



# INVESTIGATIVE PLAN

IOSC #:	<u>Y18-223</u>	Date/Time Reported:	<u>08-07-2018 1015</u>
Event:	<u>UAS</u>	Responsible Org:	<u>Y-12 UNASSIGNED</u>
Employee:	<u>NA</u>	AIS #:	<u>NA</u>
Badge #:	<u>NA</u>	SSTARS #:	<u>NA</u>
Category:	<u>A-MI</u>	SSIMS #:	<u>NP0412-08/2018-0026</u>

PEOPLE TO CONTACT	ADMINISTRATIVE ACTIONS															
<input type="checkbox"/> (b)(6)	Entered in IOSC Database? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A															
<input type="checkbox"/> <u>ORNL LSS</u>	Categorized (Date/Time) <u>10:30 AM 08-07-2018</u>															
<input type="checkbox"/>	Notification Sent (Date/Time) <u>08-07-2018 3:50 PM</u>															
<input type="checkbox"/>	Infraction? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A															
<input type="checkbox"/>	Suspense Date (if applicable) <u>NA</u>															
<input type="checkbox"/>	Infraction Returned (Date) <u>NA</u>															
<input type="checkbox"/>	Closed in Database (Date) <u>08-09-2018</u>															
	Final Report Completed and Sent (Date) <u>08-09-2018</u>															
ACTIONS	NOTIFICATIONS															
<input type="checkbox"/> Submit to IMB: <u>NA</u>	Referral to CMPC? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A															
<input type="checkbox"/> IOSC Database Check: <u>NA</u>	Report Infraction to Personnel Security? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A															
<input type="checkbox"/> HRP Status: <u>NA</u>																
<input type="checkbox"/> IEI Submitted: <u>NA</u>																
<input type="checkbox"/> Reminder of Classification Implications: <u>NA</u>																
	<table border="1"> <thead> <tr> <th>Organization</th> <th>Date</th> <th>Time</th> </tr> </thead> <tbody> <tr> <td><u>NPD</u></td> <td><u>08-07-18</u></td> <td><u>3:50 PM</u></td> </tr> <tr> <td><u>SAFEGUARDS/SECURITY</u></td> <td><u>08-07-18</u></td> <td><u>3:50 PM</u></td> </tr> <tr> <td></td> <td></td> <td></td> </tr> <tr> <td></td> <td></td> <td></td> </tr> </tbody> </table>	Organization	Date	Time	<u>NPD</u>	<u>08-07-18</u>	<u>3:50 PM</u>	<u>SAFEGUARDS/SECURITY</u>	<u>08-07-18</u>	<u>3:50 PM</u>						
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This inquiry, and the information contained herein, are marked at the overall highest classification and category of the inquiry, in accordance with Y19-203. If pages are removed, and new documents created, those documents must be reviewed by a Derivative Classifier

~~Classified By: \_\_\_\_\_  
 Classified as "Name" (as it appears above)  
 Date Reviewed: \_\_\_\_\_  
 Derived From: \_\_\_\_\_  
 Date Reviewed: \_\_\_\_\_~~

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~~May be exempt from public release under the Freedom of Information Act (5 U.S.C. 552) exemption number and category:  
EXEMPTION 1 LAW ENFORCEMENT  
 Department of Energy review required before public release  
 Name/Org: (b)(6) IOSC Date: 8/9/18  
 Guidance (if applicable): CG-SS-5, 07/16, DOE~~

**Incident of Security Concern (IOSC)  
 INVESTIGATIVE ACTIVITY SUMMARY**

TIME, DATE, AND INVESTIGATOR	SUMMARY OF INVESTIGATIVE ACTIVITY
1015 08/07/2018 (b)(6)	The Y-12 IOSC Office received notification from the Y-12 PSS Office that a CNS Y-12 employee, (b)(6) observed an Unmanned Aerial System (UAS) flying above the Y-12 NSC.
1020 08/07/2018 (b)(6) Phone Interview with (b)(6)	During a telephonic interview with (b)(6) she stated the she was walking to the Jack Case Center (JCC) from building 9201-1 when she noticed an object in the sky and believed it to be a UAS. (b)(6) described the UAS as being "cigar shaped, mostly white in color with markings". Due to the distance, (b)(6) could not estimate the altitude the UAS was flying, the approximate size, the number of rotors the UAS was equipped with (b)(6) also could not determine if any optics, cameras or other equipment was affixed to the UAS. (b)(6) did estimate the UAS was over building 9731 and was flying southwest. As the UAS continued southwest, (b)(6) lost visual contact.
	PSS did relate to IOSC that the Oak Ridge National Laboratory submitted a UAS flight plan for 08/07/2018 beginning at 10:00 AM to 3:00 PM. The flight plan detailed the UAS would be flying in the vicinity of Copper Ridge, the UAS utilized was described as being a 1 square meter, orange and black with multiple rotors.
1100 08/07/2018 (b)(6) Interview with ORNL LSS	During a telephonic interview with LSS personnel, they stated that they did in fact notify the Y-12 PSS Office that a UAS overflight would occur. The LSS confirmed all of the information contained in the emailed overflight notification.
	Summary:
	At this time, it is unknown if the UAS observed by (b)(6) was the UAS being operated by ORNL, or if it was a different UAS being operated by an unknown person.
	Any involvement of UAS equipped with cameras and GPS tracking devices poses a serious risk to the security of the CNS Y-12 NSC. This event shows the seriousness associated with the gaining popularity of unmanned radio and remotely controlled aircraft.
	An A-MI notification has been sent to DOE via SSIMS. No further IOSC activity expected. (b)(6)

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UNITED STATES DEPARTMENT OF ENERGY  
Safeguards & Security Information Management System  
Security Incident Notification Report

Aug. 9, 2018  
01:58:00 PM  
Page: 1

Incident Number: NPOY12-08/2018-0026  
Status: Closed Notification  
Local Tracking Number: Y18-223  
Facility Code: 578  
Discovery Date and Time: 08/07/2018 09:55 AM Time Zone: ET  
Facility/Location of Incident: Y-12 National Security Complex  
BEAR CREEK ROAD  
OAK RIDGE, TN 37830

Cognizant Security Office: NPOY12  
Program Secretarial Office: NA

**Brief Description of the Incident:**

On 08/07/2018 at approximately 9:55 AM, a CNS Y-12 employee reported to the Y-12 PSS that she observed an Unmanned Aerial System (UAS) flying over the southwest end of the Property Protection Area (PPA), near Building 9731. The employee estimated the UAS was flying at approximately 400 feet. The employee described the UAS as being a "cigar" shape, white and black in color with an undetermined number of rotors. The UAS flew toward the southwest until the employee lost visual contact. The employee could not verify if the UAS was equipped with optics, cameras or other equipment.

The Oak Ridge National Laboratory (ORNL) was conducting UAS flights this date and forwarded a flight plan to the CNS Y-12 NSC. The details of the flight were as follows: flight path will be in the vicinity of Copper Ridge from 9:00 AM to 3:00 PM. The ORNL UAS was described as being 1 meter in width, with multiple rotors and was orange and black in color.

**(b)(7)(E)**

It is unknown if the UAS observed by the CNS Y-12 employee was the same UAS being operated by ORNL, or if it was a different UAS being operated by an unknown person.

Incident Category: Category A Incidents determined or suspected to be apparent surveillance of facilities or operations (studying, photographing, low over-flights, outsiders, questioning employees to include protective force, unusual calls for information, etc.).  
Topical Area Code: PMS  
Incident Type: Suspicious Activity  
Interest Type: MI

Management Interest Notification Date: 08/07/2018

Incident has or may result in increased Media Attention (Describe)

Incident has association with Foreign Nationals

Classification Level of Matter Involved  Top Secret  Secret  Confidential  
Category of Matter Involved  Restricted Data  Formerly Restricted Data  National Security Information  
Applicable Identifier(s):  WFO  SAP  FGI  OGA  WD  Sigmas  
 SCI  Naval Nuclear Propulsion Information  
 Controlled Unclassified Information  
 No Foreign Dissemination  
Form(s) of the Information:  Electronic Storage Media  Internet  
 E-Mail  Inside Firewall  Visual  
 Outside Firewall  Multimedia  
 Facsimile  Discussion (Audio/Verbal)  
 Hard Copy  Other (Describe)

UNITED STATES DEPARTMENT OF ENERGY  
Safeguards & Security Information Management System  
Security Incident Notification Report

Aug. 9, 2018  
01:58:00 PM  
Page: 2

Notification Point of Contact:

(b)(6)	(b)(6)	
Name	Phone	Secure Fax

Notification Classification Official:

(b)(6)	(b)(6)
Name	Phone

(b)(6)

**From:** (b)(6)  
**Sent:** Tuesday, August 07, 2018 3:50 PM  
**To:** (b)(6)  
**Cc:**  
**Subject:** FW: (U) Draft Night Note - Unconfirmed Report of UAS

(b)(6)

DRAFT Night Note on the UAS.

(b)(6)

**From:** (b)(6)  
**Sent:** Tuesday, August 07, 2018 3:42 PM  
**To:** (b)(6) <@cns.doe.gov>  
**Subject:** (U) Draft Night Note - Unconfirmed Report of UAS

NOTICE: This message has been reviewed by a CNS Y-12 DC/RO and is determined to be UNCLASSIFIED and contains no Controlled Unclassified Information (CUI).

**Subject:** CNS Y-12 National Security Complex (NSC) - Unmanned Aerial System (UAS) flying over the CNS Y-12 Site.

**Executive Summary:** On 08/07/2018 at approximately 9:55 AM, a CNS Y-12 employee reported a sighting of an Unmanned Aerial System (UAS) flying over the southwest end of the CNS Y-12 Property Protection Area, near Building 9731. She estimated the UAS at approximately 400 feet above the ground. The UAS flew off toward the southwest end of the site until she lost visual contact. This sighting is not confirmed.

**Issue:** An Unmanned Aerial System (UAS) was spotted flying over the CNS Y-12 Site.

**Context:** On 08/07/2018, at approximately 9:55 AM, a CNS Y-12 employee reported a sighting of an Unmanned Aerial System (UAS) flying over the southwest end of the Property Protection Area near Building 9731. She had not sighted the UAS in time to notice which direction it came from. She estimated it at approximately 400 feet above ground. The employee also stated the UAS was "cigar" shaped, white and was equipped with an undetermined number of rotors. The craft flew toward the southwest until the employee finally lost visual contact. The employee could not verify if the UAS was equipped with optics, cameras or other equipment.

The Oak Ridge National Laboratory (ORNL) was conducting UAS flights this date and forwarded a flight plan to the CNS Y-12 NSC. The details of the flight plan were as follows: flight path will be in the vicinity of Copper Ridge from 9:00 AM to 3:00 PM. The ORNL UAS was described as being 1 meter in width with multiple rotors and was orange and black in color.

(b)(7)(E)

It is unknown if the UAS observed by the CNS Y-12 employee was the same UAS being operated by ORNL, or if it was a different UAS being operated by an unknown person.

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**Significance:** Any involvement of UAS equipped with cameras and GPS tracking devices poses a serious risk to the security of the CNS Y-12 NSC. This event shows the seriousness associated with the gaining popularity of unmanned radio and remotely controlled aircraft.

**Path Forward:** [REDACTED] (b)(7)(E)

This document has been reviewed by a CNS Y-12 DC/UCNI-RO and has been determined to be UNCLASSIFIED and contain NO UCNI. This review does not constitute clearance for Public Release.

Name: [REDACTED] (b)(6) Date: 08/07/2018



[REDACTED] (b)(6)

Contractor to the Department of Energy  
[REDACTED] (b)(6) [@cns.doe.gov](mailto:[REDACTED]@cns.doe.gov)

[REDACTED] (b)(6)  
**Office**  
**Blackberry**  
**Pager**  
**Fax**

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(b)(6)

00935

- NOT DRONE - NOT AIRPLANE
- COULD NOT I.D.
- ~~SEE~~ SCHEDULED OVERFLIGHT OF  
UAS FROM ORNL
- COPPER RIDGE
- 10:00 - 3PM / 9:00 AM - 3PM
- 1 m wing span MULTI-COPPER  
ORANGE/BLACK APPROX 10 rounds

(b)(6)

- CIGAR SHAPED
  - MOSTLY WHITE/BLACK
  - MOVING S/WEST  
OVER 9731 AREA
  - CAN NOT EST. SIZE
  - UNKNOWN ROTORS/BLADES
- ORNL \$\$\$
- 574-6606
  - UAS TIMES COPPER RIDGE
  - UAS DESC. 400 FEET (MAX)  
2 $\frac{1}{2}$  MILE RADIUS  
SMALL ORANGE/BLACK BLACK

~~PROTECTIVE FORCE EVENT REPORT~~  
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Event Date: 08/07/18 Time: 1000 Saved File Name: 2018-08-07-UAS

Nature of Event:  
Unconfirmed report of UAS

Location of Event:  
Vic 9706-02

Persons Involved:

Name	Employee No.	Place of Employment
(b)(6)	(b)(6)	CNS, LLC

Reported By:	Employee No.:	Date Reported:	Time Reported:
(b)(6)	(b)(6)	08/07/18	1000

Location Where Reported:		Officer	SPO
N/A	CC-DAYS	(b)(6)	N/A
Post	Shift		

**Details of Event:**  
On Tuesday, August 7, 2018 at 0955 hour, (b)(6) was in the vicinity of 9706-2, when she noticed a cigar shaped UAS with some white and black travelling at an unknown but constant speed and height south-southwest across the site. PF and PSS were unable to confirm the report. OROC does have an overflight advisory, description does not match, but the radius for flight is 2 Nautical miles.

**Immediate Action Taken:**  
PF Management and PSS notified

Supervisor Signature: (b)(6) Date: 08/07/18

Reviewed By:

Name	Date	Name	Date
(b)(6)	(b)(6)	(b)(6)	08/07/18

Distribution: PF Chief/Y-12 Supervisor Report folder--Z Drive

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~~May be exempt from public release under the Freedom of Information Act (5 U.S.C. 552), exemption number and category: Law Enforcement Exemption 7~~  
~~Department of Energy review required before public release.~~  
~~Name/Org: (b)(6) Pro Force Date: 8-7-18~~  
~~Guidance (if applicable): CG-SS-05, 09/00, DOE OC~~



Y-12 Protective Force Central Alarm Station Checklist for Unmanned Aerial System (UAS) Airspace Intrusion

In the event the Central Alarm Station (CAS) and/or Protective Force Supervision are made aware of an unauthorized intrusion of Y-12 airspace by UAS, the following steps should be taken in accordance with Y19-51-700 Protective Force General Orders and the Security Incident Response Plan (SIRP):

Step:	Action:	Time Completed:	
1	CAS will dispatch per the Security Incident Response Plan or supervision direction.		
2	Beta 2 will notify the Plant Superintendent (PSS) Office.	1000	
3	CAS will initiate video playback and export, if available.	N/A	
4	Beta 10 will man the Tactical Operation Center (TOC).	N/A	
5	Gather and disseminate all available Essential Elements of Information (EEI) to include scanning the ridgelines and roadways for possible UAS operator.	N/A	
6	Document all information deemed pertinent to the incident, to include but not limited to:		
	Last known location	unconfirmed 9706-2	1005
	Direction of travel	unconfirmed South	
	Altitude above ground level	UNKNOWN	
	Perceived activity (e.g. hovering, circling, etc.)	UNKNOWN	
	Distinguishing features or characteristics (e.g. camera, emission of liquid or vapor, attachments, hanging objects)	UNKNOWN	
	Description of the aircraft or UAS (markings, size, color, shape)	UNKNOWN	
	Other	unconfirmed Report	
In the event the aircraft or UAS lands ensure the following:			
1	Sector Supervisor will establish incident command as practicable.	N/A	
2	Instruct Protective Force not to tamper with or make contact; respond in accordance with procedures for a suspicious package. If the aircraft or UAS is emitting any substance, direct Protective Force to don respirators and move upwind if possible.	N/A	
	Note 1 No radio/cell phone activity <25 yards Note 2 Notify PSS and suggest Shelter in Place if aircraft/UAS is emitting substance.		
3	Establish containment (300 ft.) around the immediate area (treat as a crime scene).	N/A	
4	Ensure the scene is assessed with explosive detection canine when practicable.	N/A	

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 May be exempt from public release under the Freedom of Information Act (5 U.S.C. 552).  
 Exemption number and authority: 2, Law Enforcement  
 Department of Energy review required before public release  
 Name: (b)(6)  
 Organization: Protective Force (Y19-51-700), Y-12  
 Date: 01-08-2019  
 Guidance for applicability: 2019-04-09/2019-03-12/2019-01-08 DC~~

WebWhos

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## WebWHOS

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### Photo



### Identity

**Full Name:** (b)(6)  
**Last Name:** (b)(6)  
**UserID:** (b)(6)  
**Personnel No.(Perno\*):** (b)(6)  
**UserName:** (b)(6)  
**Supervisor Badge:** (b)(6)  
**Secretary Badge:** (b)(6)

### Phone

**Phone Number:** (b)(6)  
**Fax Number:** (b)(6)  
**Mobile Number:** (b)(6)  
**Pager Number:** (b)(6)  
**Pager Service:** USAMobility(865#)  
**Pager Type:** Alpha

### Email

**Email Alias:** (b)(6)  
**Email Address:** (b)(6)  
**Email Host:**

### Address

**Postal Address:** Y-12 National Security Complex  
 PO BOX 2009 MS8235  
 OAK RIDGE TN 37831-8235  
**Building:** 9119 **Room:** **Mail Stop:** 8235 **Classified Mail Stop:** 8235

### Organizational Assignment

**Site:** Y-12  
[50000344](#) - Y-12 Operations  
[50994257](#) - Production Operations  
[50994783](#) - Fabrication Operations

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\* Personnel Number (Perno) is the 8-character badge field from SAP  
 \* **Username** is the OneNet account field

WebWHOS V3.9.5  
 Last revised on July 03, 2017  
 Send questions/comments to [help@y12.doe.gov](mailto:help@y12.doe.gov)

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