



INVESTIGATIVE PLAN

IOSC #: Y18-127
Event: UAS OVERFLIGHT
Employee: NA
Badge #: NA
Category: A-MI

Date/Time Reported: 04-28-2018 2:50 PM
Responsible Org: Y12 UNASSIGNED
AIS #: NA
SSTARS #: 2018-05-14 0005
SSIMS #: NP0412-04/2018-0009

People to Contact

(b) (6)

- ☐ _____
- ☐ _____
- ☐ _____
- ☐ _____

Actions

- ☐ Submit to IMB: ☒
- ☐ IOSC Database Check: NA
- ☐ HRP Status: NA
- ☐ IEI Submitted: NA
- ☐ _____
- ☐ _____

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

Administrative Actions

Entered in IOSC Database? ☐ Yes ☐ No ☐ N/A
Categorized (Date/Time): 05-02-2018 2:30 PM
Notification Sent (Date/Time): 05-02-2018 3:37 PM
Infraction? ☐ Yes ☒ No ☐ N/A Suspense date: _____
Infraction Returned (Date): NA
Closed in Database Date: 05-02-2018
Final Report Completed and Sent Date: 07-02-2018
Referral to CMPC: ☐ Yes ☒ No ☐ N/A
Report Infraction to Personnel Sec? ☐ Yes ☒ No ☐ N/A
NOTIFICATIONS:

ORGANIZATION	DATE	TIME
NP0	5-2-18	3:37 PM
SS4ES	5-2-18	3:37 PM

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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 7 LAW ENFORCEMENT
Department of Energy review required before public release.

Name/Org: (b)(6) Date: 5/4-18

Guidance (If applicable): CG-555/07/16, DOE OX

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Incident of Security Concern (IOSC)
INVESTIGATIVE ACTIVITY SUMMARY

REPORT NUMBER
Y18-127

PAGE
1 of

TIME, DATE, AND INVESTIGATOR	SUMMARY OF INVESTIGATIVE ACTIVITY
12:58 PM 05/02/2018 (b)(6)	The Y-12 IOSC Office received notification from the Y-12 PSS Office that on Saturday, April 28, 2018, the Y-12 Protective Force detected an Unmanned Aerial System (UAS) flying over the far west end of the Y-12 NSC in the vicinity of Building 9624. Y-12 PSS stated the delay in reporting was due to the fact that Protective Force was dispatching patrol units to the North and South Ridges of the Y-12 NSC to track the travel of the UAS. When Protective Force did not update PSS, the PSS on duty, (b)(6) forgot about the report and failed to notify IOSC until Wednesday, May 02, 2018. Upon notification from PSS, contact was made with Protective Force to request the Protective Force Event Report. In the report, it states SPO's (b)(6) (b)(6) and (b)(6) observed the UAS as it was flying over Building 9624 at approximately 20-30 feet in elevation. (b)(6) reported he was too far away from the UAS to provide a description other than the UAS was white in color. (b)(6) could observe the UAS due to the fact the UAS was white in color and was in front of green trees which caused it to stand out. (b)(6) also stated the UAS flew southeast over the South Ridge where he and (b)(6) lost visual contact with the UAS. (b)(6) were too far away from the UAS to confirm or rule out any technologies such as cameras, weapons or other items that may pose a risk to the safety and security of the Y-12 NSC. The Y-12 IOSC Office made notifications in Night Note form to NPO as well as in the Safeguards and Security Information Management System (SSIM) as an A-MI in accordance with the CNS Incidents of Security Concern Program Plan which states: "Detection of activities involving individuals who have been confirmed as physically watching/casing/surveillance a site in an effort to gather information to aid in the conduct of terrorist-type attack. Includes: photographing, low over-flights, outsiders questioning employees or protective force, unusual calls for information and Unmanned Aerial Systems (UAS)."

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

May. 3, 2018
10:12:09 AM
Page: 1

Incident Number: NPOY12-04/2018-0009
Status: Closed Notification
Local Tracking Number: Y18-127
Facility Code: 578
Discovery Date and Time: 04/28/2018 02:50 PM 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 04/28/2018 at approximately 2:50 PM, CNS Y-12 Security Police Officers (SPO's) observed an Unmanned Aerial System (UAS) operating on the west end of the Y-12 National Security Complex (NSC) in the vicinity of Building 9624 which is the waste management building for Y-12. The reporting SPO's stated the UAS entered Y-12 boundaries from the west, flew southeast and was flying at approximately 20-30 feet. The UAS continued towards the South Ridge of Y-12 where SPO's lost visual contact with the UAS. The SPO's stated they were positive in the sighting as the UAS was white in color and was contrasted by the green trees in the background.

SPO's also stated that due to the distance, they could not verify if the UAS was equipped with optics, cameras or other items that may pose a threat to the safety and security of the Y-12 NSC.

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

Management Interest Notification Date: 05/02/2018

☒ 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)	

Notification Point of Contact:

(b)(6)

(b)(6)

Name

Phone

Secure Fax

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

May. 3, 2018
10:12:09 AM
Page: 2

Notification Classification Official:

(b)(6)

Name

(b)(6)

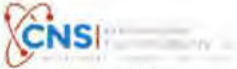
Phone

UNCLASSIFIED

(b)(6)

From: (b)(6)
Sent: Wednesday, May 02, 2018 3:54 PM
To: (b)(6)
Cc:
Subject: FW: (U)Draft Night Note

(b)(6) drafted a night note for the drone sighting, based on what we know.



(b)(6)

Contractor to the Department of Energy

(b)(6)

@cns.doe.gov

Office

Mobile

Pager

From: (b)(6)
Sent: Wednesday, May 02, 2018 3:37 PM
To: (b)(6) @cns.doe.gov
Subject: (U)Draft Night Note

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

Subject: Y-12 National Security Complex (NSC) - Unmanned Aerial System (UAS) flying over the west end of the Y-12 Plant.

Executive Summary: On 04/28/2018 at approximately 2:50 PM, Y-12 Protective Force personnel reported a sighting of an Unmanned Aerial System (UAS) flying over the west end of the Y-12 Plant near Building 9624. The UAS entered the Y-12 Boundary from the west at approximately 20-30 feet, continued southeast and flew over the South Ridge, when Protective Force lost visual contact with the UAS.

Issue: An Unmanned Aerial System (UAS) was spotted flying over the west end of the Y-12 Plant.

Context: On 04/28/2018 at approximately 2:50 PM, Y12 Protective Force personnel reported a sighting of an Unmanned Aerial System (UAS) flying over the west end of the Y-12 Plant near Building 9624. The UAS entered the Y-12 Boundary from the west at approximately 2-30 feet, continued southeast and flew over the South Ridge, when Protective Force lost visual contact with the UAS. Patrols were dispatched to both the north and south ridge patrol roads, but the patrols found no signs of trespassing in the area.

Protective Force personnel reported the UAS was white in color and was contrasted by the green trees in the background. Due to the distance, Protective Force could not verify if the UAS was equipped with optics, cameras or other equipment that would put the safety and security of the Y-12 NSC at risk.

UNCLASSIFIED

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

Path Forward: (b)(7)(E)

This document has been reviewed by a 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: (b)(6) Date: 05/02/2018



(b)(6)

Contractor to the Department of Energy

(b)(6) @cns.doe.gov

(b)(6)

Office
Blackberry
Pager
Fax

UNCLASSIFIED

(b)(6)

**Blackberry
Pager
Fax**

UNCLASSIFIED

*Safeguards & Security
Tracking, Analysis, and Reporting System*

Discrete Issue Data

(Site: Y12 User: cjh Roles: Functional User,IOSC User)

[Home](#)[Reset Session](#)[Logout](#)

Issue Number SSTARS 2018 05 14 0005

Primary Number SSTARS 2018 05 14 0005

Revision 0

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[Issue Detail](#) [User Comments](#) [Issue History](#)**No keyword have been assigned to this Issue****Issue**

Issue Short Description	UAS 9624
Issue State	Partial
Issue Type	

Issue Finding

Classification	Text
(OUO)	On 04/28/2018, Y-12 Protective Force personnel reported a UAS flying over the west end of the Y-12 NSC in the vicinity of 9624. The UAS continued southwest and over the South Ridge where Protective Force lost visual contact with the UAS. Due to the distance, the only details concerning the UAS was the fact that it was white in color.

Additional Details/Comments

Classification	Text
(OUO)	Additional Protective Force personnel were dispatched to the North and South Ridges. No further contact was made with the UAS.

Report & Source Details

Report Number	FY18 IOSC
Report Name	FY18 IOSC
OriginalNumber	Y18-127
Source Type	IOSC - Incident of Security Concern
SubSource	18

Issue Dates

Event Date	4/28/2018
Event Time	2:50 PM
Creation Date	5/14/2018

Assignments

Assigned to Non S&S Organization	False
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Required Evaluations

Causal Analysis Required	No
Extent of Conditions Required	No
Compensatory Measures	No
Cost Benefit Analysis Required	No
Risk Assessment Required	No
Effectiveness Review Required	No
Lessons Learned Required	No

Other Details

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Session will time out in 19:58

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IOSC Significance Level	A
Incident Type	Management Interest
Rating Driver	No

Security Notice: Use of this system constitutes consent to security monitoring and testing. All activity is logged with your host name and IP address.

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Session will time out in 19:58

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PROTECTIVE FORCE EVENT REPORT

Event Date: 04/28/18

Time: 1450

Saved File Name:

Nature of Event:

UAS

Location of Event:

West end of the plant over building 9624

Persons Involved:

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

Reported By: (b)(6)	Employee No.:	Date Reported: 04/28/18	Time Reported: 1450
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Location Where Reported:

West End

Post

Shift

Officer

SPO

Details of Event:

On 4-28-18, at approximately 1450 hours, Bravo 14 (b)(6) and (b)(6) reported seeing a drone over building 9624 on the West end of the plant. Bravo 14 advised the drone was approximately 20-30 feet above building 9624. (b)(6) advised he saw it come from the west and fly South East and lost it over the south ridge. He said he was able to pick it up because it was white against the green background of the trees on the south ridge. He was too far away to get any further description other than it was white.

Immediate Action Taken:

PSS and Chief were notified. All pertinent areas were scanned.

Supervisor Signature:

(b)(6)

Date:

04/28/18

Reviewed By:

Name

Date

Name

Date

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: #7

Law Enforcement

Department of Energy review required before public release.

Name/Off

(b)(6)

Date:

4-28-18

Guidance (If applicable) 66 USC 54/50 Dec 01 Page 1 of 1

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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.	1450
2	Beta 2 will notify the Plant Superintendent (PSS) Office.	1457
3	CAS will initiate video playback and export, if available.	N/A
4	Beta 10 will man the Tactical Operation Center (TOC).	1450
5	Gather and disseminate all available Essential Elements of Information (EEI) to include scanning the ridgelines and roadways for possible UAS operator.	1450
6	Document all information deemed pertinent to the incident, to include but not limited to: 9624	1450
	Last known location	WEST OF OLD DEER CREEK FLYING SOUTH OVER SOUTH RIDGE
	Direction of travel	SOUTH
	Altitude above ground level	30 ft to 50 ft TRAVELING FAST UNKNOWN BY OVER 9624
	Perceived activity (e.g. hovering, circling, etc.)	FLYING STRAIGHT
	Distinguishing features or characteristics (e.g. camera, emission of liquid or vapor, attachments, hanging objects)	White
	Description of the aircraft or UAS (markings, size, color, shape)	TOO FAR AWAY
	Other	
In the event the aircraft or UAS lands ensure the following:		N/A
1	Sector Supervisor will establish incident command as practicable.	
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. Note 1 No radio/cell phone activity <25 yards Note 2 Notify PSS and suggest Shelter in Place if aircraft/UAS is emitting substance.	N/A
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 category: 7, Law Enforcement
Department of Energy review required before public release.
Name: (b)(6)
Organization: Protective Force, Sergeant, T. 52
Date: 01/08/2016
Guidance (if applicable): 1.20.51-4.20.05.13743374331006.06

Official Use Only

(b)(6)

From: (b)(6)
Sent: Wednesday, May 02, 2018 8:21 AM
To: (b)(6)
Subject: Fw: (U) Weekly Incident Overview
Attachments: UAS Form.pdf

Classification: Plain Text

Can you follow up on this?

(b)(6)

From: (b)(6)
Sent: Wednesday, May 02, 2018 12:58 AM
To: (b)(6)
Subject: RE: (U) Weekly Incident Overview

I believe it was Saturday sir. One of the Beta units thought that he had sighted a drone above the waste management building, rather low altitude reported, ~30'-40' above the building. Units were dispatched to north and south ridges, no further substantiation could be determined. I contacted B2, (b)(6) later in the shift to verify no further sighting. None were reported, however, (b)(6) had the Beta 3 I believe fill out a JIT form that Proforce uses and sent it through the system as they have been instructed to do.

Due to no further verification of sighting I errantly did not proceed through the notification process as I should have. I wanted my lack of follow-through directed solely at me sir and no one else in the PSS. Again, I offer my apologies and will proceed with notifications regardless in the future.

(b)(6)

From: (b)(6)
Sent: Tuesday, May 01, 2018 8:31 AM
To: (b)(6) @cns.doe.gov>
Subject: FW: (U) Weekly Incident Overview

(b)(6)

What drone sighting?



(b)(6)

Contractor to the Department of Energy
(b)(6) @cns.doe.gov
(b)(6) Office
Mobile
Pager

From: (b)(6)
Sent: Tuesday, May 01, 2018 7:27 AM

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