



INVESTIGATIVE PLAN

IOSC #:	<u>Y18-279</u>	Date/Time Reported:	<u>09-30-2018 1142</u>
Event:	<u>UAS</u>	Responsible Org:	<u>UNK</u>
Employee:	<u>UNK</u>	AIS #:	<u>NA</u>
Badge #:	<u>UNK</u>	SSTARS #:	<u>NA</u>
Category:	<u>A-ME</u>	SSIMS #:	<u>NPOYL2-09/2018-0035</u>

PEOPLE TO CONTACT	ADMINISTRATIVE ACTIONS			
<input type="checkbox"/>	Entered in IOSC Database? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A			
<input type="checkbox"/>	Categorized (Date/Time) <u>10-01-2018 0950</u>			
<input type="checkbox"/>	Notification Sent (Date/Time) <u>10-01-2018 0950</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>10-01-2018</u>			
ACTIONS				
<input type="checkbox"/>	Final Report Completed and Sent (Date) <u>10-01-2018</u>			
<input type="checkbox"/>	Submit to IMB: <u>NA</u>			
<input type="checkbox"/>	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>			
<input type="checkbox"/>	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"/>	NOTIFICATIONS			
<input type="checkbox"/>	IEI Submitted: <u>NA</u>	Organization	Date	Time
<input type="checkbox"/>	Reminder of Classification Implications: <u>NA</u>	<u>IOSC NOTIFICATION DIST.</u>	<u>10-01-18</u>	<u>0950</u>
<input type="checkbox"/>				

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

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 Department of Energy review required before public release.
 Name/Org: (b)(6) IOSC Date: 10/01/2018
 Guidance (if applicable): NOT APPLICABLE

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Incident of Security Concern (IOSC)
INVESTIGATIVE ACTIVITY SUMMARY

REPORT NUMBER
Y18-279

PAGE
1 of

TIME, DATE, AND
INVESTIGATOR

SUMMARY OF INVESTIGATIVE ACTIVITY

1142 09/29/2018
(b)(6)

The Y-12 IOSC Office was notified by the Y-12 PSS Office that Protective Force reported a confirmed sighting of an Unmanned Aerial System (UAS) flying over the South Ridge of the Y-12 National Security Complex (NSC).

Further inquiry and the acquisition of the Protective Force Incident Report revealed that at approximately 1115, Security Police Officer (SPO), (b)(6) (b)(6) observed the UAS operating in the southwest sector of the Y-12 NSC, flying in an irregular flight pattern over building 9401-03 Steam Plant. (b)(6) described the UAS as being medium to large in size, cylindrical, drone type, fixed wing aircraft. (b)(6) was unable to determine if the UAS was equipped with any type of optics, weapons or cameras. (b)(6) did not observe any smoke or vapors emanating from the UAS. (b)(6) also stated the UAS was flying west to east at approximately tree top level near the South Ridge water tanks. The UAS remained in the area for a short amount of time before continuing west and flying out of visual contact. The UAS did not return to Y-12 airspace.

Summary:

At this time, it is unknown who the operator of the UAS was. There were no UAS flight plans submitted to the Y-12 NSC indicating any UAS activity.

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.

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

Run By: S9521HL
Run Date: 10/01/2018 04:29 PM

1 record found

Selection Criteria

Facility Status(es): A
Incident Numbers: NPOY12-09/2018-0035
Order By: CSO, Facility Name, Facility Code

When separated from enclosures, handle this document as

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~~7 - Law Enforcement~~

~~Department of Energy review required before public release~~

~~Name of (b)(6) Date: 10-01-2018
Reference (if applicable) CB-55-5, 07/16, POLUC~~

Derivative Classification
Review by:

(b)(6)

(b)(6) / JASC
(Printed Name and Title)

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

Oct. 1, 2018
04:29:33 PM
Page: 1

Incident Number: NPOY12-09/2018-0035
Status: Closed Notification
Local Tracking Number: Y18-279
Facility Code: 573
Discovery Date and Time: 09/29/2018 11:15 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:

At approximately 1115 hrs, a CNS Y-12 Security Police Officer (SPO) observed an Unmanned Aerial System (UAS) operating in the southwest sector of the Property Protection Area of the Y-12 National Security Complex. The SPO described the UAS as being medium to large in size, fixed wing UAS flying in an irregular flight pattern in a west to east direction, at about tree line level above building 0401-03 Steam Plant. The SPO reported the UAS remained in the area for a short amount of time before continuing in an easterly direction, the SPO lost visual contact with the UAS.

The SPO reported there were no distinguishable marks or observable equipment such as optics or cameras. The SPO noted there were no suspicious aspects of the UAS to include smoke or vapors emanating from the UAS.

The UAS did not return to Y-12 airspace.

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: M:

Management Interest Notification Date: 10/01/2018

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 FCI 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

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

Oct. 1, 2018
04:29:33 PM
Page: 2

Notification Classification Official:

(b)(6)

Name

(b)(6)

Phone

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

Run By: S9521HL

Run Date: 10/01/2018 04:29 PM

End of Report

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(b)(6)

From: (b)(6)
Sent: Monday, October 1, 2018 9:51 AM
To: (b)(6)
Subject: (U) Draft Night Note - Confirmed 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 09/29/2018 at approximately 11:15 AM, a CNS Y-12 Security Police Officer (SPO) reported a sighting of an Unmanned Aerial System (UAS) flying over the southwest end of the CNS Y-12 Property Protection Area, near Building 9401-03 Steam Plant. The SPO estimated the UAS was travelling at approximately the level of the tree line on the South Ridge. The UAS was flying west to east in an irregular flight pattern for a short amount of time before the SPO lost visual contact of the UAS.

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

Context: On 09/29/2018, at approximately 11:155 AM, a CNS Y-12 SPO reported a sighting of an Unmanned Aerial System (UAS) flying over the southwest end of the Property Protection Area, near Building 9401-03 Steam Plant. The SPO had not sighted the UAS in time to notice which direction it came from. The SPO estimated the UAS was travelling at approximately tree line level on the South Ridge. The SPO also stated the UAS was a "cylindrical" shaped, drone type, fixed wing UAS that was medium to large in size. The UAS was flying west to east in an irregular flight pattern before the SPO lost visual contact. The SPO could not verify if the UAS was equipped with optics, cameras or other equipment.

(b)(7)(E)

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: (b)(7)(E)



(b)(6)

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

UNCLASSIFIED

(b)(6)

Pager

UNCLASSIFIED

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PROTECTIVE FORCE EVENT REPORT

Event Date: 09/29/18 **Time:** 1115 hrs **Saved File Name:** 2018-09-29 Drone

Nature of Event:
 Drone in airspace.

Location of Event:
 The vicinity of 9401-03 and south ridge water tanks.

Persons Involved:

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

Reported By: (b)(6) **Employee No.:** (b)(6) **Date Reported:** 09/29/18 **Time Reported:** 1115hrs

Location Where Reported:
 HEUMF D (b)(6) (b)(6)
 Post Shift Officer SPO

Details of Event:

@ Approx 1115hrs, SPO (b)(6) from his TSA reported a medium to large sized, cylindrical, drone type, fixed wing aircraft flying over the 9401-03 steam plant. The drone traveled west to east in irregular flight patterns. The drone remained in the vicinity of the 9401-03 steam plant and south ridge water tanks at treetop level for a short period, before moving out of visual contact. PSS was notified.

Immediate Action Taken:

Drone detected by ProForce.
 All ProForce positions within the AO were alerted.
 ProForce notified PSS.

Supervisor Signature: (b)(6) **Date:** 09/29/18

Reviewed By: (b)(6) 9/29/18
 Name Date Name Date

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

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~~Department of Energy review required before public release.~~

~~Name/Org: (b)(6) 55815 Date: 9/29/18~~

~~Guidance (if applicable): CG-553/07-16/ DoE Doc Page 1 of 2~~

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.	1114
2	Beta 2 will notify the Plant Superintendent (PSS) Office.	
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.	1115-1145
6	Document all information deemed pertinent to the incident, to include but not limited to:	
	Last known location	South Ridge 1115
	Direction of travel	West to East 1115
	Altitude above ground level	Tree line 1115
	Perceived activity (e.g. hovering, circling, etc.)	slow hover west to east 1115
	Distinguishing features or characteristics (e.g. camera, emission of liquid or vapor, attachments, hanging objects)	N/A N/A
	Description of the aircraft or UAS (markings, size, color, shape)	cylinder shape 1115
Other		
In the event the aircraft or UAS lands ensure the following:		
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 Do not radiograph 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).	
4	Ensure the scene is assessed with explosive detection canine when practicable.	

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compliance number is Security 2, Law Enforcement
Department of Energy, Security and Environmental Protection before publication.
Name (b)(6)
Organization Protective Force, Y-12
Date 01-04-2017
Document ID: 4010641; 4010641; 4010641; 4010641; 4010641~~

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WebWHOS

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Go to [SAP Y-12](#) to view the HR information for a person. If authorized, you will see a **Pencil** icon to update this person's H-R information.

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:
Pager Number:

Email

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

Address

Postal Address: Y-12 National Security Complex
 PO BOX 2009 MS8212
 OAK RIDGE TN 37831-8212

Building: 9710-03 **Room:** **Mail Stop:** 8212 **Classified Mail Stop:**
 Organizational Assignment

Site: Y-12
[50003137](#) - CNS SS&ES
[50874802](#) - Y-12 Safeguards & Security
[50872278](#) - Protective Force Oper & Trng
[50996979](#) - Protective Force 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

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