

From: [Daryl Johnson](#)
To: (b)(7)(C)
Subject: RE: RE: UAP data
Date: Monday, May 15, 2023 12:07:00 PM
Attachments: Drone Request from USDI&S 4 May 2023.xlsx

(b)(7)(C)

Good afternoon. Attached spreadsheet is responsive to your request. Please let me know if you have any questions.

Daryl Johnson

Senior Security Specialist

U.S. Nuclear Regulatory Commission

Office of Nuclear Security & Incident Response

Division of Security Operations

Security Oversight and Support Branch

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From: (b)(7)(C)
Sent: Friday, May 12, 2023 10:53 AM
To: Daryl Johnson <Daryl.Johnson@nrc.gov>
Subject: [External_Sender] RE: UAP data

Thanks, appreciate whatever you can do.

From: Daryl Johnson <Daryl.Johnson@nrc.gov>
Sent: Friday, May 12, 2023 10:05 AM
To: (b)(7)(C)
Subject: RE: UAP data

I'll check with my management today.

Daryl Johnson

Senior Security Specialist

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From: (b)(7)(C)

Sent: Friday, May 12, 2023 9:59 AM

To: Daryl Johnson <Daryl.Johnson@nrc.gov>

Subject: [External_Sender] UAP data

Hi Daryl—

Do you think there is any chance we could get that information by COB Monday? Our deadlines are moving up a bit.

Thank you

(b)(7)(C)

Date	Facility Type	Site/Licensee Name	Number of Drones	Time of Day	Flight Duration (time recorded was provided by the facility)
9/5/2022	Power Reactor-Operating	Comanche Peak	Single	21:40 CST	1 minute
	SUMMARY: At approximately 2140 CDT, a drone was sighted flying over the protected area of Comanche Peak Nuclear Power Plant. The drone approached from the Southwest, entered the protected area and passed over the Unit 2 containment and maintenance support center (MSC). The drone then exited to the Northeast. The drone was flying at less than 500 feet and was over the protected area for less than 1 minute. The drone was estimated to be 8 to 10 feet wide with a flashing light on each wing.				
9/9/2022	Power Reactor-Operating	Comanche Peak	Single	22:30 CST	15 minutes
	SUMMARY: At time 2230 CDT, the Security Shift Supervisor notified the Control Room of a visually observed small drone that flew over the Protected Area (inside the Owner Controlled Area [OCA]) first spotted hovering over the turbine building and then observed slowly traveling north. Flight path moved to hover over the Alternate Access Point and then continued north. The frame and body of the drone was not visible, and no distinguishing markings or identification numbers were visible only the lights. The flyover occurred approximately 100ft to 300ft above the ground with an in OCA flight duration of greater than three (3) minutes (approximately 15 minutes).				
9/25/2022	Power Reactor-Operating	Susquehanna	Multiple	21:00 EST	No Data
	SUMMARY: Susquehanna security notified the NRC at 2149 EDT that three drones entered the air space of the power plant, including the protected area, from multiple directions. Two of the drones were observed to be of normal size, while the third drone was a larger style (6 to 10 feet in length). They all flashed green lights and were observed by a security supervisor and also by multiple watch towers. The incident occurred around 2100 EDT, and the drones left the premises flying in three separate directions. Their lowest altitude was around 300 to 400 feet.				
9/26/2022	Power Reactor-Operating	Susquehanna	Multiple	19:45 EST	2 hours, 45 minutes
	SUMMARY: Susquehanna security notified the NRC at 2255 EDT that 8 drones entered the air space of the power plant, including the protected area, from multiple directions. The drones appeared to approach generally from the South. Plant personnel conducted an onsite search but no suspicious activity was discovered. The interaction with the drones occurred from approximately 1945 to 2230 EDT. This is a similar incident to the one that occurred yesterday evening, 9/25/2022.				
9/27/2022	Power Reactor-Operating	Monticello	Single	17:00 CST	23 minutes
	SUMMARY: At approximately 1700 CDT, an individual was seen on the road to the West of the OCA of Monticello Nuclear Generating Plant while controlling a drone. A non-security individual from the plant inquired where he intended to fly his drone and he stated he was flying his drone outside of the OCA and intended to take pictures of the nearby river. At approximately 1721 CDT, the drone flew over the protected area from the West and exited to the West. The drone was flying at approximately 400 feet and did not loiter. Security was unable to identify the type of drone that was involved. The drone exited the OCA at approximately 1723 CDT. A member of plant security was sent to talk to the individual but the individual had left when security arrived at approximately 1730 CDT.				
9/30/2022	Power Reactor-Operating	Susquehanna	Multiple	19:43 EST	No Data
	SUMMARY: Susquehanna security notified the NRC at 2013 EDT that at least 6 drones entered the air space of the power plant, including the protected area, from multiple directions. The drones were first identified at 1943 EDT. The drones loitered around the perimeter and would periodically enter the airspace above the protected area, then return back to hover around the perimeter. At the time of the call the drones were still in the airspace around the plant. The drones appeared to be 2'x2', quadcopters. Site security did not identify any payload on the drones and estimated the altitude to be less than 1000'.				
10/3/2022	Power Reactor-Operating	Susquehanna	Multiple	20:55 EST	12 minutes

	SUMMARY: On 10/3/22 at approximately 2055 EDT, Susquehanna security observed at least 2 drones enter the air space of the plant. The drones were first identified at 2018 EDT. Drone activity ceased around 2030 EDT. The drones were described as small but were too far to specifically identify markings or number of rotors. All drones had red and white lights.				
10/3/2022	Power Reactor-Operating	Susquehanna	Multiple	22:19 EST	2 hours, 8 minutes
	SUMMARY: On 10/3/22 at approximately 2219 EDT, Susquehanna security observed at least 4 drones entering the air space of the plant from multiple directions. The drones were first identified at 1937 EDT. The drones loitered around the plant's perimeter and would periodically enter the airspace above the plant, then return back to hover around the perimeter. Drone activity ceased around 2145. Three of the drones appeared to be 2'x2', quadcopters. The fourth drone appeared to be larger, 3'-4' in size, and a triangular shape. The larger drone seemed to be carrying a large spotlight. All drones had red, green, and white lights, with at least one appearing to also have blue lights.				
10/8/2022	Power Reactor-Operating	Susquehanna	Multiple	7:13 EST	47 minutes
	SUMMARY: On 10/8/22 at approximate 0713 EDT, Susquehanna security observed 2 drones entering the air space of the plant. The drones were observed hovering over portions of the plant. One was spotted as high as 500 feet and the other at approximately 100 feet. The drones were first identified at 0612 EDT. Drone activity ceased around 0800 EDT. The drones were quadcopters with red and white lights. No payload was identified.				
10/12/2022	Power Reactor-Operating	Susquehanna	Single	19:50 EST	10 minutes
	SUMMARY: On 10/12/2022 at approximately 1950 EDT, a drone flew over the Susquehanna nuclear power plant. The drone approached from the north, passed over the plant, did not loiter, and then egressed. Security personnel lost sight of the drone at approximately 2000 EDT. The drone was flying at approximately 400 feet. The drone was a quad copter approximately 2 feet in diameter with red and white flashing lights. No camera or other equipment on the drone could be verified to be present. Plant personnel and local law enforcement searched the plant's perimeter with no findings.				
10/21/2022	Power-Reactor Operating	Comanche Peak	Single	11:29 CST	3 minutes
	SUMMARY: On 10/20/2022 at 1129 CDT, the plant personnel visually observed a small drone that flew over the plant from the south side to the north until it was lost from sight. The frame and body of the drone was not visible, and no distinguishing markings or identification numbers were visible only white lights. The fly over occurred approximately 800ft to 1000ft above the ground with a flight duration within the plant's perimeter of less than three minutes.				
10/29/2022	Power-Reactor Operating	Susquehanna	Multiple	19:22 EST	43 minutes
	SUMMARY: On 10/29/2022 at approximately 1922 EDT, five quadcopter type drones began flying near Susquehanna nuclear power plant. One of the drones was 3 feet in diameter and the remaining four drones were approximately 1 to 2 feet in diameter. The drones mostly remained outside the plant's perimeter. However one of the smaller drones flew over the plant going north to south. All 5 drones exited the plant's immediate area at approximately 2005 EDT. Plant personnel and local law enforcement conducted a search of the surrounding area with no findings.				
11/17/2022	Power-Reactor Operating	Columbia	Multiple	18:50 PST	19 minutes
	SUMMARY: On 11/17/22 at 1850 PST, a plant employee observed a drone sighting above the plant. A moment later security visually observed a large drone flying near the plant from the west side. The drone loitered for 19 minutes and then exited east side of the plant. DOE Hanford Patrol followed the drone east into the city of Richland until they lost sight. The frame and body of the drone was not visible, and no distinguishing markings or identification numbers were visible. At 2356 PST on 11/17/2022, Security visually observed two more smaller drones about a half mile from the west side of the plant.				
11/27/2022	Power-Reactor Operating	Columbia	Single	23:52 PST	4 minutes

	SUMMARY: On 11/27/2022 at approximately 2352 PST, a drone was observed traveling through the plant. The drone maintained its path on the south side of the plant and eventually exited the area traveling toward Richland County. Total time observed was approximately 4 minutes. The drone was too far to identify any specific identifying characteristics. Only a red and white light were identified by security personnel.				
12/6/2022	Power-Reactor Operating	Peach Bottom	Single	18:20 EST	1 minute
	SUMMARY: On 12/5/22 at approximately 1820 EST, a security officer observed a drone over the plant. The drone appeared to be a quad or triangle with flashing red and white lights and a solid green light. The drone flew over the plant from south to north and then again from north to south before departing to the west.				
12/12/2022	Power-Reactor Operating	Columbia	Single	20:01 PST	13 minutes
	SUMMARY: On 12/12/22 at 2001 hours PST, a drone was spotted near the west side of the plant and continued to fly west until out of sight. Approximately 13 minutes later, a drone was spotted west of the plant again then flew northeast until it was out of sight. The drone was small, had a few white lights, and moved slow. The drone was difficult to watch due to foggy conditions. The drone did not return.				
12/13/2022	Power-Reactor Operating	Columbia	Single	19:53 PST	None recorded
	SUMMARY: On 12/13/22 at 1953 hours PST, a drone was seen entering north of the plant and then over to the south side of the plant. The drone exited southeast, the lights went off and then it flew out of sight. The drone had red and green lights.				
1/4/2023	Power-Reactor Operating	Columbia	Single	00:58 PST	None recorded
	SUMMARY: On 1/4/23 at 0058 PST, a drone was sighted by security west of plant. The drone made a single pass over the plant in a south eastern direction of travel. The drone had no lights or other discernable characteristics.				
1/6/2023	Power-Reactor Operating	Columbia	Multiple	16:28 PST	None recorded
	SUMMARY: On 1/6/2023 at 1628 PST, one and possibly a second drone were sighted approximately one mile southwest of the plant heading south. Then again one hour later the drones were spotted northeast heading south. The drones were estimated to be six feet long.				
1/8/2023	Power-Reactor Operating	Columbia	Single	23:57 PST	None recorded
	SUMMARY: On 1/8/2023 at 2357 PST, a drone with flashing red lights was sighted over the plant at approximately 1000 feet altitude. The drone was estimated to be six feet long.				
1/31/2023	Power-Reactor Operating	Columbia	Single	19:45 PST	15 minutes
	SUMMARY: On 1/31/23 at 1945 PST, a drone was sighted entering and hovering above the plant. The drone appeared to be a quadcopter, 4 to 6 feet in diameter, with a single blinking red light. The drone loitered under 1000 feet until departing to the N/NE at 2000 PST.				
2/3/2023	Power-Reactor Operating	Columbia	Single	23:58 PST	None recorded
	SUMMARY: On 2/3/23 at 2358 PST, a drone was spotted flying west of the plant under 1000 feet in elevation. The drone was approximately 8 to 10 feet in diameter and had white and red flashing lights.				