

~~FOR OFFICIAL USE ONLY - LIMITED DISTRIBUTION~~

~~This report may contain "law enforcement sensitive" information~~

~~Please do not relay this information to individuals~~

~~who do not have a "need to know"~~

Incident: SID-02915

Site or Incident

Type: Limerick

Created 2018-03-20 06:04:00 (EDT)

Event Type: Drone

State: PA

Facility Type: Power Reactor - Operating

H.E.R.O: Jeffrey Herrera

Com Type:

DRONE FLYOVER AT LIMERICK

"On the 20th of March, at approximately 0300 EDT, a security officer posted in the owner controlled area observed a drone flying over the owner controlled area for approximately two minutes. The drone appeared in the Southeast and travelled over the owner controlled area before visual was lost. The drone was approximately 300 feet above the ground. Notifications were made to the Shift Manager and Local Law enforcement. Voluntary notifications will be made to the FAA and NRC."

Limerick stated that no identifiable information was able to be captured by security personnel regarding the drone flyover. Limerick contacted the Limerick Township Police and notified them of the incident. Limerick did not change security posture as a result of the incident.

Limerick will be notifying the NRC Resident Inspector.

Notified the R1DO (McKinley), ILTAB (via email).

This report is open pending ILTAB/ILTAT review. ILTAB/ILTAT will update or close this report when appropriate.

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Incident: SID-02938

Site or Incident

Type: Limerick

Created 2018-08-10 05:37:00 (EDT)

Event Type: Drone

State: PA

Facility Type: Power Reactor - Operating

H.E.R.O: Richard Smith

Com Type:

"On 09 August 2018 at approximately 2215 [EDT], a Security Officer reported a drone flying in the area of the 500 kV yard. At approximately 2230 [EDT] MSO's [Member of Security Organization] reported multiple drones in the OCA [Owner Control Area] and flying over the PA [Protected Area]. Security initiated a Code Yellow and observed drones flying in the vicinity of the ISFSI [Independent Spent Fuel Storage Installation] Pad, Turbine Roof, Cooling Towers, 500 kV Yard, 66 kV Yard, and 220 kV Yard. Limerick PD [Police Department] was notified of the incident and responded to the OCA. The drones were approximately 300-500 feet in the air and approximately 3-5 feet in diameter with amber colored lights as well as blinking red and white lights. A total of 4-6 drones were identified and observed by multiple members of the security organization. The flight path of the drones was from the South East to North West over the PA circling South and East returning to the initial point the drones were first observed. Multiple drones took this same flight pattern for a duration of approximately 20-30 minutes. The flight path changed to a counter clockwise pattern over the OCA portion of the plant for approximately 40-60 minutes until the drones were no longer observable by the security force. The Security Supervisor was in contact with Limerick PD during the duration of situation. Limerick PD patrolled areas of the OCA with no adverse findings but did confirm drone activity and the size of the drones. No identifying marks or flight numbers could be observed on the drones. Voluntary notifications [were] made to the FAA and FBI offices."

The licensee notified the NRC Resident Inspector.

Notified R1DO (Cahill) and ILTAB (b)(7)(C)

This report is open pending ILTAB/ILTAT review. ILTAB/ILTAT will update or close this report when appropriate.

~~FOR OFFICIAL USE ONLY - LIMITED DISTRIBUTION~~~~This report may contain "law enforcement sensitive" information~~~~Please do not relay this information to individuals
who do not have a "need to know"~~**Incident:** SID-02939**Site or Incident****Type:** Limerick**Created** 2018-08-13 01:10:00 (EDT)**Event Type:** Drone**State:** PA**Facility Type:** Power Reactor - Operating**H.E.R.O:** Richard Smith**Com Type:**

"On August 12, 2018 at approximately 2335 EDT, a Security Officer reported a drone flying near the upper parking lot. At approximately 2337 EDT, MSO's [Member of Security Organization] reported multiple drones in the OCA flying towards the cooling tower and near the Spray Pond. Officers observed drones flying East to West in a North/West direction and circling back to the East. Limerick PD and State police were notified of the incident and responded to the OCA. AT 2340 EDT the Security assumed a heightened level of awareness and changed the defensive posture to a Code Yellow. The drones were approximately 100-200 feet in the air and approximately four feet in diameter with amber and orange colored blinking lights. A total of two drones were identified and observed by multiple members of the security organization. The flight path of the drones was from East to North West circling back to East returning to the initial point of the upper parking lot. The flight pattern for a duration of approximately five minutes. The total flight time was approximately 20 minutes until the drones were no longer observable by the security force. Security Supervisor contacted following Agencies: FBI, FAA, PA State Police, and Limerick Police. Limerick PD and State Police patrolled areas of the OCA with no adverse findings and committed to patrol the area at a later time. No identifying marks or flight numbers could be observed on the drones. All voluntary notifications were made to the FAA and FBI offices."

Notified R1DO (Cahill) and ILTAB Duty Officer (b)(7)(C)

This report is open pending ILTAB/ILTAT review. ILTAB/ILTAT will update or close this report when appropriate.

~~FOR OFFICIAL USE ONLY - LIMITED DISTRIBUTION~~~~This report may contain law enforcement sensitive information~~~~Please do not relay this information to individuals~~~~who do not have a "need to know"~~**Incident:** SID-02941**Site or Incident****Type:** Limerick**Created** 2018-08-24 02:11:00 (EDT)**Event Type:** Drone**State:** PA**Facility Type:** Power Reactor - Operating**H.E.R.O:** Andrew Waugh**Com Type:**

"On August 23, 2018 at approximately 2100 [EDT], a security officer reported a potential drone in the vicinity of Fritz Lock which is not part of the owner controlled area (OCA) at LGS [Limerick Generating Station] and is located southwest of the plant on the south side of the Schuylkill River. At approximately 2120 [EDT] multiple security officers posted on the south and southwest sides of the protected area reported multiple drones in the OCA. At 2125 [EDT] Limerick security assumed a heightened level of awareness and elevated the defensive posture to a Code Yellow. The Limerick Police Department and State Police were notified of the incident and responded to the OCA.

"The drone activity was confirmed to be three drones approximately 200-400 feet in the air and approximately 3-5 feet in diameter with white and multi colored blinking indicator lights. The flight paths of the drones were from the southwest to the southeast over the Schuylkill River Pump House in Exelon Owner Controlled Area and would repeat this flight pattern back and forth for a minimum of 40 minutes. The drones travel path would venture over the southern part of the protected area in the vicinity of the ISFSI [Independent Spent Fuel Storage Installation] area before continuing southwest out of view of any posted security officer. The Security Supervisor contacted the following agencies.

"FBI – Agent (b)(7)(C)

FAA – Kelly Peurifoy 404-305-5150

PA State Police – PCO Patrick Finucane 610-584-1250

Limerick Police – Officer 610-495-7909

"Limerick Police Officer Patrick Murphy responded to the OCA in the vicinity of the personnel processing center and confirmed drone activity south of the plant in the vicinity of the 220 KV Yard. East Coventry Police Officer Brown responded to the Fritz Lock area south of the Schuylkill River and did not report any activity. The Code Yellow was terminated at 2215 [EDT] and all voluntary notifications were made to the FAA and FBI offices."

The licensee notified the NRC Resident Inspector. Notified R1DO (Janda) and ILTAB (b)(7)(C)

This report is open pending ILTAB/ILTAT review. ILTAB/ILTAT will update or close this report when appropriate.

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Incident: SID-02979

Site or Incident

Type: Limerick

Created 2019-05-27 19:52:00 (EDT)

Event Type: Drone

State: PA

Facility Type: Power Reactor - Operating

H.E.R.O: Howard Crouch

Com Type:

At 1904 EDT, a site security officer observed a black quad-copter drone fly over the owner controlled area. The drone was at an altitude of 450-500 feet and flew from northeast to south. It did not loiter over the facility and its flight took about 5 minutes to traverse the site. It only made one pass. On its flight path, the drone was able to view the cooling tower, the east side of the protected area, the building that houses the reactor and the 500kV switchyard area. The site did not change its security posture due to this event.

The licensee was in the process of notifying FAA - Reading, PA and did notify local law enforcement (Montgomery Co. Sheriff) and the Philadelphia Field Office of the FBI. They will be notifying the NRC Resident Inspector.

Notified R1DO (Arner) and ILTAB (b)(7)(C)

This report is open pending ILTAB/ILTAT review. ILTAB/ILTAT will update or close this report when appropriate.

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Incident: SID-03040**Site or Incident****Type:** Limerick**Created** 2020-08-15 05:11:00 (EDT)**Event Type:** Drone**State:** PA**Facility Type:** Power Reactor - Operating**H.E.R.O:** Thomas Herrity**Com Type:**

The following was received from the licensee.

"On 14 August 2020, at approximately 2340 hours, a security officer, observed and reported a drone flying over the owner-controlled area. The drone appeared from the east and followed a flight path west, and hovered for several minutes near the Unit 2 cooling tower approximately 120 feet off the ground before conducting a 180-degree rotation and then traveled back to the east. At approximately 2350 another drone sighting was confirmed by two additional security officers in elevated security towers with one being in the OCA. At 2353 hours security entered a heightened state of awareness (code yellow). At 2355 while in the OCA investigating confirmed drone sightings a final sighting was confirmed of a drone appearing from the east and traveling west stopping by the operations water tank in the OCA and hovering approximately 120 feet off the ground and then completing a 180 degree rotation then traveled back to the west over the tree line at 0001. The Montgomery County Dispatch was contacted who Dispatched Limerick Police Officer that responded to the LGS OCA at 0015 with no lights or sirens. The Shift Manager & MSS were notified. After confirmed by local law enforcement (Limerick PD) that all potential areas that a drone operator could stage were cleared with negative findings security terminated the heightened state of awareness (Code Yellow) at 0040. A voluntary notification was made to the FAA, FBI, NRC, Local & State Law Enforcement Agencies."

The licensee reported via telephone that the drone was approximately 15 feet long and 2 feet wide, that it had 2 flashing red lights, 2 orange lights and a white light at the rear with a helicopter-like sound.

This report is open pending ILTAB/ILTAT review. ILTAB/ILTAT will update or close this report when appropriate.

~~FOR OFFICIAL USE ONLY - LIMITED DISTRIBUTION~~~~This report may contain "law enforcement sensitive" information~~~~Please do not relay this information to individuals~~~~who do not have a "need to know"~~**Incident:** SID-02915**Site or Incident****Type:** Limerick**Created** 2018-03-20 06:04:00 (EDT)**Event Type:** Drone**State:** PA**Facility Type:** Power Reactor - Operating**H.E.R.O:** Jeffrey Herrera**Com Type:****DRONE FLYOVER AT LIMERICK**

"On the 20th of March, at approximately 0300 EDT, a security officer posted in the owner controlled area observed a drone flying over the owner controlled area for approximately two minutes. The drone appeared in the Southeast and travelled over the owner controlled area before visual was lost. The drone was approximately 300 feet above the ground. Notifications were made to the Shift Manager and Local Law enforcement. Voluntary notifications will be made to the FAA and NRC."

Limerick stated that no identifiable information was able to be captured by security personnel regarding the drone flyover. Limerick contacted the Limerick Township Police and notified them of the incident. Limerick did not change security posture as a result of the incident.

Limerick will be notifying the NRC Resident Inspector.

Notified the R1DO (McKinley), ILTAB (via email).

This report is open pending ILTAB/ILTAT review. ILTAB/ILTAT will update or close this report when appropriate.

~~FOR OFFICIAL USE ONLY - LIMITED DISTRIBUTION~~~~This report may contain "law enforcement sensitive" information~~~~Please do not relay this information to individuals~~~~who do not have a "need to know"~~**Incident:** SID-02938**Site or Incident****Type:** Limerick**Created** 2018-08-10 05:37:00 (EDT)**Event Type:** Drone**State:** PA**Facility Type:** Power Reactor - Operating**H.E.R.O:** Richard Smith**Com Type:**

"On 09 August 2018 at approximately 2215 [EDT], a Security Officer reported a drone flying in the area of the 500 kV yard. At approximately 2230 [EDT] MSO's [Member of Security Organization] reported multiple drones in the OCA [Owner Control Area] and flying over the PA [Protected Area]. Security initiated a Code Yellow and observed drones flying in the vicinity of the ISFSI [Independent Spent Fuel Storage Installation] Pad, Turbine Roof, Cooling Towers, 500 kV Yard, 66 kV Yard, and 220 kV Yard. Limerick PD [Police Department] was notified of the incident and responded to the OCA. The drones were approximately 300-500 feet in the air and approximately 3-5 feet in diameter with amber colored lights as well as blinking red and white lights. A total of 4-6 drones were identified and observed by multiple members of the security organization. The flight path of the drones was from the South East to North West over the PA circling South and East returning to the initial point the drones were first observed. Multiple drones took this same flight pattern for a duration of approximately 20-30 minutes. The flight path changed to a counter clockwise pattern over the OCA portion of the plant for approximately 40-60 minutes until the drones were no longer observable by the security force. The Security Supervisor was in contact with Limerick PD during the duration of situation. Limerick PD patrolled areas of the OCA with no adverse findings but did confirm drone activity and the size of the drones. No identifying marks or flight numbers could be observed on the drones. Voluntary notifications [were] made to the FAA and FBI offices."

The licensee notified the NRC Resident Inspector.

Notified R1DO (Cahill) and ILTAB (b)(7)(C)).

This report is open pending ILTAB/ILTAT review. ILTAB/ILTAT will update or close this report when appropriate.

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Incident: SID-02939

Site or Incident

Type: Limerick

Created 2018-08-13 01:10:00 (EDT)

Event Type: Drone

State: PA

Facility Type: Power Reactor - Operating

H.E.R.O: Richard Smith

Com Type:

"On August 12, 2018 at approximately 2335 EDT, a Security Officer reported a drone flying near the upper parking lot. At approximately 2337 EDT, MSO's [Member of Security Organization] reported multiple drones in the OCA flying towards the cooling tower and near the Spray Pond. Officers observed drones flying East to West in a North/West direction and circling back to the East. Limerick PD and State police were notified of the incident and responded to the OCA. AT 2340 EDT the Security assumed a heightened level of awareness and changed the defensive posture to a Code Yellow. The drones were approximately 100-200 feet in the air and approximately four feet in diameter with amber and orange colored blinking lights. A total of two drones were identified and observed by multiple members of the security organization. The flight path of the drones was from East to North West circling back to East returning to the initial point of the upper parking lot. The flight pattern for a duration of approximately five minutes. The total flight time was approximately 20 minutes until the drones were no longer observable by the security force. Security Supervisor contacted following Agencies: FBI, FAA, PA State Police, and Limerick Police. Limerick PD and State Police patrolled areas of the OCA with no adverse findings and committed to patrol the area at a later time. No identifying marks or flight numbers could be observed on the drones. All voluntary notifications were made to the FAA and FBI offices."

Notified R1DO (Cahill) and ILTAB Duty Officer ((b)(7)(C))).

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"On August 23, 2018 at approximately 2100 [EDT], a security officer reported a potential drone in the vicinity of Fritz Lock which is not part of the owner controlled area (OCA) at LGS [Limerick Generating Station] and is located southwest of the plant on the south side of the Schuylkill River. At approximately 2120 [EDT] multiple security officers posted on the south and southwest sides of the protected area reported multiple drones in the OCA. At 2125 [EDT] Limerick security assumed a heightened level of awareness and elevated the defensive posture to a Code Yellow. The Limerick Police Department and State Police were notified of the incident and responded to the OCA.

"The drone activity was confirmed to be three drones approximately 200-400 feet in the air and approximately 3-5 feet in diameter with white and multi colored blinking indicator lights. The flight paths of the drones were from the southwest to the southeast over the Schuylkill River Pump House in Exelon Owner Controlled Area and would repeat this flight pattern back and forth for a minimum of 40 minutes. The drones travel path would venture over the southern part of the protected area in the vicinity of the ISFSI [Independent Spent Fuel Storage Installation] area before continuing southwest out of view of any posted security officer. The Security Supervisor contacted the following agencies.

"FBI – Agent (b)(7)(C)

FAA – Kelly Peurifoy 404-305-5150

PA State Police – PCO Patrick Finucane 610-584-1250

Limerick Police – Officer 610-495-7909

"Limerick Police Officer Patrick Murphy responded to the OCA in the vicinity of the personnel processing center and confirmed drone activity south of the plant in the vicinity of the 220 KV Yard. East Coventry Police Officer Brown responded to the Fritz Lock area south of the Schuylkill River and did not report any activity. The Code Yellow was terminated at 2215 [EDT] and all voluntary notifications were made to the FAA and FBI offices."

The licensee notified the NRC Resident Inspector. Notified R1DO (Janda) and ILTAB (b)(7)(C).

This report is open pending ILTAB/ILTAT review. ILTAB/ILTAT will update or close this report when appropriate.

~~FOR OFFICIAL USE ONLY - LIMITED DISTRIBUTION~~~~This report may contain "law enforcement sensitive" information.~~~~Please do not relay this information to individuals~~~~who do not have a "need to know"~~**Incident:** SID-02979**Site or Incident****Type:** Limerick**Created** 2019-05-27 19:52:00 (EDT)**Event Type:** Drone**State:** PA**Facility Type:** Power Reactor - Operating**H.E.R.O:** Howard Crouch**Com Type:**

At 1904 EDT, a site security officer observed a black quad-copter drone fly over the owner controlled area. The drone was at an altitude of 450-500 feet and flew from northeast to south. It did not loiter over the facility and its flight took about 5 minutes to traverse the site. It only made one pass. On its flight path, the drone was able to view the cooling tower, the east side of the protected area, the building that houses the reactor and the 500kV switchyard area. The site did not change its security posture due to this event.

The licensee was in the process of notifying FAA - Reading, PA and did notify local law enforcement (Montgomery Co. Sheriff) and the Philadelphia Field Office of the FBI. They will be notifying the NRC Resident Inspector.

Notified R1DO (Arner) and ILTAB (b)(7)(C)).

This report is open pending ILTAB/ILTAT review. ILTAB/ILTAT will update or close this report when appropriate.

~~FOR OFFICIAL USE ONLY - LIMITED DISTRIBUTION~~~~This report may contain "law enforcement sensitive" information~~~~Please do not relay this information to individuals~~~~who do not have a "need to know"~~**Incident:** SID-03040**Site or Incident****Type:** Limerick**Created** 2020-08-15 05:11:00 (EDT)**Event Type:** Drone**State:** PA**Facility Type:** Power Reactor - Operating**H.E.R.O.:** Thomas Herrity**Com Type:**

The following was received from the licensee.

"On 14 August 2020, at approximately 2340 hours, a security officer, observed and reported a drone flying over the owner-controlled area. The drone appeared from the east and followed a flight path west, and hovered for several minutes near the Unit 2 cooling tower approximately 120 feet off the ground before conducting a 180-degree rotation and then traveled back to the east. At approximately 2350 another drone sighting was confirmed by two additional security officers in elevated security towers with one being in the OCA. At 2353 hours security entered a heightened state of awareness (code yellow). At 2355 while in the OCA investigating confirmed drone sightings a final sighting was confirmed of a drone appearing from the east and traveling west stopping by the operations water tank in the OCA and hovering approximately 120 feet off the ground and then completing a 180 degree rotation then traveled back to the west over the tree line at 0001. The Montgomery County Dispatch was contacted who Dispatched Limerick Police Officer that responded to the LGS OCA at 0015 with no lights or sirens. The Shift Manager & MSS were notified. After confirmed by local law enforcement (Limerick PD) that all potential areas that a drone operator could stage were cleared with negative findings security terminated the heightened state of awareness (Code Yellow) at 0040. A voluntary notification was made to the FAA, FBI, NRC, Local & State Law Enforcement Agencies."

The licensee reported via telephone that the drone was approximately 15 feet long and 2 feet wide, that it had 2 flashing red lights, 2 orange lights and a white light at the rear with a helicopter-like sound.

This report is open pending ILTAB/ILTAT review. ILTAB/ILTAT will update or close this report when appropriate.

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Incident: SID-01831

Site or Incident

Type: THREE MILE ISLAND

Created: 2011-08-26 21:35

Event Type: Flyover

State: PA

Facility Type: Power Reactor - Operating

H.E.R.O: Sietze Rotton

Com Type:

White Cessna 152, ID# 89061, approached site from the East, circled the facility several times at an altitude of approximately 1000 feet, and exited the area to the West. The aircraft circled approximately 0.5 miles outside of the Protected Area. The Mercer County (New Jersey) Sheriff's Department detained the pilot and questioned him. Nothing suspicious was found in the aircraft. The pilot, [DELETED], is a student pilot and was scheduled to land in Lancaster, PA, states that he got lost and circled TMI several times before he eventually landed in Lancaster, PA. Final leg of trip had him return to Trenton, NJ where the Sheriff's Department questioned him.

This report is open pending ILTAB review. ILTAB will update or close this report when appropriate.

* * * UPDATE FROM ILTAB (b)(7)(C) TO CROUCH VIA EMAIL ON 9/19/08 * * *

ILTAB (b)(7)(C) completed review and forwarded this report to FAA/TSA. No additional information on this incident is expected and no further NRC action is anticipated. This report is considered closed.

~~FOR OFFICIAL USE ONLY - LIMITED DISTRIBUTION~~~~This report may contain "law enforcement sensitive" information~~~~Please do not relay this information to individuals~~~~who do not have a "need to know"~~**Incident:** SID-01841**Site or Incident****Type:** THREE MILE ISLAND**Created:** 2011-08-26 21:35**Event Type:** Flyover**State:** PA**Facility Type:** Power Reactor - Operating**H.E.R.O:** Mark Abramovitz**Com Type:**

"A small aircraft (Cessna) made a flyover TMI at approximately 10:35 am.

"The site was not aware of this until they were notified by the FAA at Harrisburg International Airport at approximately 11:45 am.

"The plane was flying at about 3500 feet and went as low as 1,000 feet and was headed towards Lancaster. The pilot was not answering his radio and this was deemed somewhat suspicious by the FAA.

"The plane finally headed for and landed at Trenton area airport. Local Law Enforcement met the individual for an interview to assess why he wouldn't answer his radio; if other personnel were on board; if there were any pictures or video, etc., to make a determination if it was indeed suspicious.

"This was not a direct flight over the plant. Student pilot on his first solo flight. Got lost and flew near the plant and was not deemed a threat."

This incident initially received FAA attention because the pilot was descending from 3500 feet to 1000 feet while heading toward TMI.

R1 (Dimitriadis) knew of the event and shortly after the event pressed the licensee for official notification to the Headquarters Operations Officer. On 10/7/08 R1 notified ILTAB (b)(7)(C).

This report is open pending ILTAB review. ILTAB will update or close this report when appropriate.

*** Update from ILTAB (b)(7)(C) to Snyder on 10/14/08 at 1333 ***

ILTAB (b)(7)(C) completed review and forwarded this report to FAA/TSA. No additional information on this incident is expected and no further NRC action is anticipated. This report is considered closed.

~~FOR OFFICIAL USE ONLY - LIMITED DISTRIBUTION~~~~This report may contain "law enforcement sensitive" information~~~~Please do not relay this information to individuals~~~~who do not have a "need to know"~~**Incident:** SID-00723**Site or Incident****Type:** SUSQUEHANNA**Created** 2011-08-26 17:34:00 (EDT)**Event Type:** Flyover**State:** PA**Facility Type:** Power Reactor - Operating**H.E.R.O.:** HOO (Legacy)**Com Type:**

A plant staff employee reported to Central Alarm Station (CAS) that a piper cub (a small aircraft) travelled east to west 100 feet over the cooling tower. There are no additional descriptions of the aircraft. Security will be taking a statement from the plant staff employee and initiating an investigation of this incident. Security believes that this aircraft does not pose a threat to the station based on current information. Plant security contacted local FAA and FBI offices. FAA reported that no aircraft were in the vicinity at the time of the incident that they were aware of, however FAA also indicated that low flying small aircraft may not be detected by their radar. Additionally, two small airports are located in the vicinity, one 20 miles SE of the station in Hazleton, PA and the other towards the west in Williamsport, PA. The licensee will provide additional information after completing their investigation if significant findings are generated.

Notified IAT (b)(7)(C)

~~FOR OFFICIAL USE ONLY - LIMITED DISTRIBUTION~~~~This report may contain "law enforcement sensitive" information~~~~Please do not relay this information to individuals~~~~who do not have a "need to know"~~**Incident:** SID-00813**Site or Incident****Type:** SUSQUEHANNA**Created** 2011-08-26 17:34:00 (EDT)**Event Type:** Flyover**State:** PA**Facility Type:** Power Reactor - Operating**H.E.R.O.:** HOO (Legacy)**Com Type:**

On 02/15/04 at 2050 EST, two operators were on break outside when they observed the running lights of an aircraft. The aircraft was from two to two and one half miles from the plant (outside the Owners Control Area) at an approximate altitude of 1000 feet. The aircraft was initially flying west towards the plant when it suddenly turned towards the northerly direction and started gaining altitude. The operators could not tell if the aircraft was an airplane or a helicopter. Security Shift Supervisor notified the Wilkes-Barre Airport and informed them of the aircraft. The aircraft controllers said that they had their radar turned off but at 2125 EST they had received a radio call from a Life Flight Helicopter from Geisinger Hospital. The helicopter was traveling from the northeast to the southwest. The Shift Security Supervisor also notified the Pennsylvania State Police and the Philadelphia FBI office of this event.

TAS (b)(7)(C) notified. This report is closed, no further NRC action is expected.

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Incident: SID-00927

Site or Incident

Type: SUSQUEHANNA

Created 2011-08-26 17:34:00 (EDT)

Event Type: Flyover

State: PA

Facility Type: Power Reactor - Operating

H.E.R.O: HOO (Legacy)

Com Type:

At 1315 ET on 11/23/04, Susquehanna Nuclear Plant security observed a high-wing, single-engine, two-seater aircraft, white with red trim, fly over the Susquehanna Plant reactor building at an altitude of less than 1000 feet (observed by at least one officer to fly at an elevation lower than the cooling towers which are 490 feet high). The aircraft made a single pass flying from the northeast to the southwest and exited the area to the south. The licensee contacted FAA and several local airports, however the identification of the aircraft could not be determined.

Notified TAS (b)(7)(C) This report is closed, no further NRC action is expected.

* * * UPDATE FROM SUSQUEHANNA SHIFT MANAGER TO M. RIPLEY AT 1450 ET ON 11/23/04 * * *

Susquehanna operations also notified PEMA (Rainey, 800-424-7362). Notified TAS (b)(7)(C) This report is closed, no further NRC action is expected.

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Incident: SID-01110

Site or Incident

Type: SUSQUEHANNA

Created 2011-08-26 17:35:00 (EDT)

Event Type: Flyover

State:

Facility Type: Power Reactor - Operating

H.E.R.O: William Gott

Com Type:

A white Cessna flew over the Owner Controlled Area in the vicinity of the Protected Area at an altitude of approximately 300 feet. The airplane flew in a straight path from the Northeast to the Southwest. Security could not see any identifying numbers.

The licensee notified the NRC Resident Inspector.

This report is open pending TAS review. TAS will update or close this report when appropriate.

***** Update from TAS (b)(7)(C) on 05/03/05 *****

TAS (b)(7)(C) completed review and forwarded report to FAA/TSA. No additional information on this incident is anticipated and no further NRC action is expected. This report is considered closed.

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Incident: SID-01988

Site or Incident

Type: SUSQUEHANNA

Created 2011-08-26 17:36:00 (EDT)

Event Type: Flyover

State: PA

Facility Type: Power Reactor - Operating

H.E.R.O: John Knoke

Com Type:

At 0738 licensee's security was notified that a low flying aircraft flew over the south end of the site. The aircraft was a Falcon jet, N680DF. Local FAA indicated that the aircraft in question just landed at the Hazelton Airport. LLEA indicated they would send someone over to the airport to question the pilot. Security status was not changed.

Notified R1DO (Todd Jackson)

This report is open pending ILTAB review. ILTAB will update or close this report when appropriate.

*** Update via e-mail from (b)(7)(C) to Huffman on 10/23/09 ***

ILTAB (b)(7)(C) completed review and forwarded this report to FAA/TSA. No additional information on this incident is expected and no further NRC action is anticipated. This report is considered closed.

~~FOR OFFICIAL USE ONLY - LIMITED DISTRIBUTION~~~~This report may contain "law enforcement sensitive" information.~~~~Please do not relay this information to individuals~~~~who do not have a "need to know."~~**Incident:** SID-02915**Site or Incident****Type:** Limerick**Created** 2018-03-20 06:04:00 (EDT)**Event Type:** Drone**State:** PA**Facility Type:** Power Reactor - Operating**H.E.R.O:** Jeffrey Herrera**Com Type:****DRONE FLYOVER AT LIMERICK**

"On the 20th of March, at approximately 0300 EDT, a security officer posted in the owner controlled area observed a drone flying over the owner controlled area for approximately two minutes. The drone appeared in the Southeast and travelled over the owner controlled area before visual was lost. The drone was approximately 300 feet above the ground. Notifications were made to the Shift Manager and Local Law enforcement. Voluntary notifications will be made to the FAA and NRC."

Limerick stated that no identifiable information was able to be captured by security personnel regarding the drone flyover. Limerick contacted the Limerick Township Police and notified them of the incident. Limerick did not change security posture as a result of the incident.

Limerick will be notifying the NRC Resident Inspector.

Notified the R1DO (McKinley), ILTAB (via email).

This report is open pending ILTAB/ILTAT review. ILTAB/ILTAT will update or close this report when appropriate.

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Incident: SID-02938

Site or Incident

Type: Limerick

Created 2018-08-10 05:37:00 (EDT)

Event Type: Drone

State: PA

Facility Type: Power Reactor - Operating

H.E.R.O: Richard Smith

Com Type:

"On 09 August 2018 at approximately 2215 [EDT], a Security Officer reported a drone flying in the area of the 500 kV yard. At approximately 2230 [EDT] MSO's [Member of Security Organization] reported multiple drones in the OCA [Owner Control Area] and flying over the PA [Protected Area]. Security initiated a Code Yellow and observed drones flying in the vicinity of the ISFSI [Independent Spent Fuel Storage Installation] Pad, Turbine Roof, Cooling Towers, 500 kV Yard, 66 kV Yard, and 220 kV Yard. Limerick PD [Police Department] was notified of the incident and responded to the OCA. The drones were approximately 300-500 feet in the air and approximately 3-5 feet in diameter with amber colored lights as well as blinking red and white lights. A total of 4-6 drones were identified and observed by multiple members of the security organization. The flight path of the drones was from the South East to North West over the PA circling South and East returning to the initial point the drones were first observed. Multiple drones took this same flight pattern for a duration of approximately 20-30 minutes. The flight path changed to a counter clockwise pattern over the OCA portion of the plant for approximately 40-60 minutes until the drones were no longer observable by the security force. The Security Supervisor was in contact with Limerick PD during the duration of situation. Limerick PD patrolled areas of the OCA with no adverse findings but did confirm drone activity and the size of the drones. No identifying marks or flight numbers could be observed on the drones. Voluntary notifications [were] made to the FAA and FBI offices."

The licensee notified the NRC Resident Inspector.

Notified R1DO (Cahill) and ILTAB (b)(7)(C)

This report is open pending ILTAB/ILTAT review. ILTAB/ILTAT will update or close this report when appropriate.

~~FOR OFFICIAL USE ONLY - LIMITED DISTRIBUTION~~~~This report may contain "law enforcement sensitive" information~~~~Please do not relay this information to individuals~~~~who do not have a "need to know"~~**Incident:** SID-02939**Site or Incident****Type:** Limerick**Created** 2018-08-13 01:10:00 (EDT)**Event Type:** Drone**State:** PA**Facility Type:** Power Reactor - Operating**H.E.R.O:** Richard Smith**Com Type:**

"On August 12, 2018 at approximately 2335 EDT, a Security Officer reported a drone flying near the upper parking lot. At approximately 2337 EDT, MSO's [Member of Security Organization] reported multiple drones in the OCA flying towards the cooling tower and near the Spray Pond. Officers observed drones flying East to West in a North/West direction and circling back to the East. Limerick PD and State police were notified of the incident and responded to the OCA. AT 2340 EDT the Security assumed a heightened level of awareness and changed the defensive posture to a Code Yellow. The drones were approximately 100-200 feet in the air and approximately four feet in diameter with amber and orange colored blinking lights. A total of two drones were identified and observed by multiple members of the security organization. The flight path of the drones was from East to North West circling back to East returning to the initial point of the upper parking lot. The flight pattern for a duration of approximately five minutes. The total flight time was approximately 20 minutes until the drones were no longer observable by the security force. Security Supervisor contacted following Agencies: FBI, FAA, PA State Police, and Limerick Police. Limerick PD and State Police patrolled areas of the OCA with no adverse findings and committed to patrol the area at a later time. No identifying marks or flight numbers could be observed on the drones. All voluntary notifications were made to the FAA and FBI offices."

Notified R1DO (Cahill) and ILTAB Duty Officer (b)(7)(C)

This report is open pending ILTAB/ILTAT review. ILTAB/ILTAT will update or close this report when appropriate.

~~FOR OFFICIAL USE ONLY - LIMITED DISTRIBUTION~~~~This report may contain "law enforcement sensitive" information~~~~Please do not relay this information to individuals~~~~who do not have a "need to know"~~**Incident:** SID-02941**Site or Incident****Type:** Limerick**Created** 2018-08-24 02:11:00 (EDT)**Event Type:** Drone**State:** PA**Facility Type:** Power Reactor - Operating**H.E.R.O:** Andrew Waugh**Com Type:**

"On August 23, 2018 at approximately 2100 [EDT], a security officer reported a potential drone in the vicinity of Fritz Lock which is not part of the owner controlled area (OCA) at LGS [Limerick Generating Station] and is located southwest of the plant on the south side of the Schuylkill River. At approximately 2120 [EDT] multiple security officers posted on the south and southwest sides of the protected area reported multiple drones in the OCA. At 2125 [EDT] Limerick security assumed a heightened level of awareness and elevated the defensive posture to a Code Yellow. The Limerick Police Department and State Police were notified of the incident and responded to the OCA.

"The drone activity was confirmed to be three drones approximately 200-400 feet in the air and approximately 3-5 feet in diameter with white and multi colored blinking indicator lights. The flight paths of the drones were from the southwest to the southeast over the Schuylkill River Pump House in Exelon Owner Controlled Area and would repeat this flight pattern back and forth for a minimum of 40 minutes. The drones travel path would venture over the southern part of the protected area in the vicinity of the ISFSI [Independent Spent Fuel Storage Installation] area before continuing southwest out of view of any posted security officer. The Security Supervisor contacted the following agencies.

"FBI – Agent (b)(7)(C)

FAA – Kelly Peurifoy 404-305-5150

PA State Police – PCO Patrick Finucane 610-584-1250

Limerick Police – Officer 610-495-7909

"Limerick Police Officer Patrick Murphy responded to the OCA in the vicinity of the personnel processing center and confirmed drone activity south of the plant in the vicinity of the 220 KV Yard. East Coventry Police Officer Brown responded to the Fritz Lock area south of the Schuylkill River and did not report any activity. The Code Yellow was terminated at 2215 [EDT] and all voluntary notifications were made to the FAA and FBI offices."

The licensee notified the NRC Resident Inspector. Notified R1DO (Janda) and ILTAB (b)(7)(C)

This report is open pending ILTAB/ILTAT review. ILTAB/ILTAT will update or close this report when appropriate.

~~FOR OFFICIAL USE ONLY - LIMITED DISTRIBUTION~~~~This report may contain "law enforcement sensitive" information~~~~Please do not relay this information to individuals~~~~who do not have a "need to know"~~**Incident:** SID-02979**Site or Incident****Type:** Limerick**Created** 2019-05-27 19:52:00 (EDT)**Event Type:** Drone**State:** PA**Facility Type:** Power Reactor - Operating**H.E.R.O:** Howard Crouch**Com Type:**

At 1904 EDT, a site security officer observed a black quad-copter drone fly over the owner controlled area. The drone was at an altitude of 450-500 feet and flew from northeast to south. It did not loiter over the facility and its flight took about 5 minutes to traverse the site. It only made one pass. On its flight path, the drone was able to view the cooling tower, the east side of the protected area, the building that houses the reactor and the 500kV switchyard area. The site did not change its security posture due to this event.

The licensee was in the process of notifying FAA - Reading, PA and did notify local law enforcement (Montgomery Co. Sheriff) and the Philadelphia Field Office of the FBI. They will be notifying the NRC Resident Inspector.

Notified R1DO (Arner) and ILTAB (b)(7)(C)

This report is open pending ILTAB/ILTAT review. ILTAB/ILTAT will update or close this report when appropriate.

~~FOR OFFICIAL USE ONLY - LIMITED DISTRIBUTION~~~~This report may contain "law enforcement sensitive" information~~~~Please do not relay this information to individuals~~~~who do not have a "need to know"~~**Incident:** SID-03040**Site or Incident****Type:** Limerick**Created** 2020-08-15 05:11:00 (EDT)**Event Type:** Drone**State:** PA**Facility Type:** Power Reactor - Operating**H.E.R.O:** Thomas Herrity**Com Type:**

The following was received from the licensee.

"On 14 August 2020, at approximately 2340 hours, a security officer, observed and reported a drone flying over the owner-controlled area. The drone appeared from the east and followed a flight path west, and hovered for several minutes near the Unit 2 cooling tower approximately 120 feet off the ground before conducting a 180-degree rotation and then traveled back to the east. At approximately 2350 another drone sighting was confirmed by two additional security officers in elevated security towers with one being in the OCA. At 2353 hours security entered a heightened state of awareness (code yellow). At 2355 while in the OCA investigating confirmed drone sightings a final sighting was confirmed of a drone appearing from the east and traveling west stopping by the operations water tank in the OCA and hovering approximately 120 feet off the ground and then completing a 180 degree rotation then traveled back to the west over the tree line at 0001. The Montgomery County Dispatch was contacted who Dispatched Limerick Police Officer that responded to the LGS OCA at 0015 with no lights or sirens. The Shift Manager & MSS were notified. After confirmed by local law enforcement (Limerick PD) that all potential areas that a drone operator could stage were cleared with negative findings security terminated the heightened state of awareness (Code Yellow) at 0040. A voluntary notification was made to the FAA, FBI, NRC, Local & State Law Enforcement Agencies."

The licensee reported via telephone that the drone was approximately 15 feet long and 2 feet wide, that it had 2 flashing red lights, 2 orange lights and a white light at the rear with a helicopter-like sound.

This report is open pending ILTAB/ILTAT review. ILTAB/ILTAT will update or close this report when appropriate.

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Incident: SID-00626

Site or Incident

Type: PEACH BOTTOM

Created 2011-08-26 17:34:00 (EDT)

Event Type: Flyover

State: PA

Facility Type: Power Reactor - Operating

H.E.R.O: HOO (Legacy)

Com Type:

Please note that the "DELETED" is in the original record and not a result of FOIA processing.

Onsite Security and the Pennsylvania State Police reported that a twin engine propeller aircraft, maybe white in color, appeared to fly over Peach Bottom Atomic Power Station at an altitude of 3000 feet or higher. Pennsylvania State Police called the Harrisburg State Police Office. Pennsylvania State Police was going to dispatch an aircraft to investigate the flyover. Mr. [DELETED], Acting Manager Nuclear Security, stated they did not consider the flyover as a threat to Peach Bottom Atomic Power Station. Licensee notified the FAA Harrisburg Office, FBI Harrisburg office, and the Pennsylvania State Police Harrisburg office of the flyover.

Notified TAT (b)(7)(C)

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Incident: SID-00637

Site or Incident

Type: PEACH BOTTOM

Created 2011-08-26 17:34:00 (EDT)

Event Type: Flyover

State: PA

Facility Type: Power Reactor - Operating

H.E.R.O: HOO (Legacy)

Com Type:

Plant security spotted a red biplane with no markings flying from west to east above the protected area at an altitude of approximately 400 feet. The plane only made one pass by the plant.

Notified TAS (b)(7)(C)

There will be no NRC follow-up at this time.

~~FOR OFFICIAL USE ONLY - LIMITED DISTRIBUTION~~~~This report may contain "law enforcement sensitive" information~~~~Please do not relay this information to individuals~~~~who do not have a "need to know"~~**Incident:** SID-00649**Site or Incident****Type:** PEACH BOTTOM**Created** 2011-08-26 17:34:00 (EDT)**Event Type:** Flyover**State:** PA**Facility Type:** Power Reactor - Operating**H.E.R.O:** William Gott**Com Type:****FLYOVER**

At 1325 on 11/04/03, a single-engine, single-wing, red and white aircraft flew from the North to the South over the plant at 500 feet. At 1340, a similar or possibly the same airplane flew from the North, looped around the plant at 500 feet, then flew back to the North.

The licensee will inform the NRC Resident Inspector.

Notified TAS (b)(7)(C) This report is closed. No further IAT action is expected.

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Incident: SID-00655

Site or Incident

Type: PEACH BOTTOM

Created 2011-08-26 17:34:00 (EDT)

Event Type: Flyover

State: PA

Facility Type: Power Reactor - Operating

H.E.R.O: William Gott

Com Type:

Please note that the "DELETED" is in the original record and not a result of FOIA processing.

At 0750 EST on 3/17/04, a helicopter flew over the plant. The helicopter flew in a straight line from the North to the South at approximately 250 to 300 feet. The helicopter was blue with white stripes. The identification number could not be seen. The state police were contacted but indicated that it was not their aircraft. The FAA indicated that the altitude was too low for their radar, but they indicated that a blue with white stripes helicopter did take off from Harrisburg, PA and went South. The tail number for that aircraft is [DELETED] .

Notified TAS (b)(7)(C) This report is closed, no further NRC action is expected.

*** UPDATE FROM WAYNE TRUMP TO MIKE RIPLEY 1450 ET 03/17/04 ***

The Peach Bottom Security Manager reported that the PA State Police have positively identified the helicopter as one belonging to Rite-Aid Corporation. The pilot was flying from the company facility in Harrisburg, PA to their distribution center in Maryland. The pilot was using the Susquehanna River as a navigation aid due to overcast weather and as a result flew over the plant site. The State police will be interviewing the pilot.

Notified TAS DO (b)(7)(C) This report is closed, no further NRC action is expected.

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Incident: SID-01664**Site or Incident****Type:** PEACH BOTTOM**Created** 2011-08-26 17:35:00 (EDT)**Event Type:** Flyover**State:** PA**Facility Type:** Power Reactor - Operating**H.E.R.O:** Jason Kozal**Com Type:**

At 1700 on 9/16/07 the licensee observed a helicopter hovering for approximately 2 -3 minutes approximately one-quarter mile E-NE of the licensee protected area. A licensee security officer stationed in a tower identified the aircraft as the channel 3 news helicopter based in Philadelphia, PA. The licensee contacted the FAA in Harrisburg, PA to aid in identifying the aircraft. At 1803 the FAA returned the call and confirmed through the National Capital Region Coordination Center (NCRCC) the aircraft was the channel 3 news helicopter based in Philadelphia, PA.

The licensee at no time felt that the aircraft posed a threat to the plant. The NCRCC is contacting the pilot of the aircraft to issue a verbal warning for loitering near the power plant.

This report is open pending ILTAB review. ILTAB will update or close this report when appropriate.

*** Update provided by ILTAB (b)(7)(C) via email to Jeff Rotton at 09/17/07 at 0730 EDT ***

ILTAB review is completed. This incident is considered closed and no further NRC actions are anticipated.

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Incident: SID-01831

Site or Incident

Type: THREE MILE ISLAND

Created 2011-08-26 17:35:00 (EDT)

Event Type: Flyover

State: PA

Facility Type: Power Reactor - Operating

H.E.R.O: Sietze Rotton

Com Type:

Please note that the "DELETED" is in the original record and not a result of FOIA processing.

White Cessna 152, ID# 89061, approached site from the East, circled the facility several times at an altitude of approximately 1000 feet, and exited the area to the West. The aircraft circled approximately 0.5 miles outside of the Protected Area. The Mercer County (New Jersey) Sheriff's Department detained the pilot and questioned him. Nothing suspicious was found in the aircraft. The pilot, [DELETED], is a student pilot and was scheduled to land in Lancaster, PA, states that he got lost and circled TMI several times before he eventually landed in Lancaster, PA. Final leg of trip had him return to Trenton, NJ where the Sheriff's Department questioned him.

This report is open pending ILTAB review. ILTAB will update or close this report when appropriate.

* * * UPDATE FROM ILTAB (b)(7)(C) TO CROUCH VIA EMAIL ON 9/19/08 * * *

ILTAB (b)(7)(C) completed review and forwarded this report to FAA/TSA. No additional information on this incident is expected and no further NRC action is anticipated. This report is considered closed.

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Incident: SID-01841

Site or Incident

Type: THREE MILE ISLAND

Created 2011-08-26 17:35:00 (EDT)

Event Type: Flyover

State: PA

Facility Type: Power Reactor - Operating

H.E.R.O: Mark Abramovitz

Com Type:

"A small aircraft (Cessna) made a flyover TMI at approximately 10:35 am.

"The site was not aware of this until they were notified by the FAA at Harrisburg International Airport at approximately 11:45 am.

"The plane was flying at about 3500 feet and went as low as 1,000 feet and was headed towards Lancaster. The pilot was not answering his radio and this was deemed somewhat suspicious by the FAA.

"The plane finally headed for and landed at Trenton area airport. Local Law Enforcement met the individual for an interview to assess why he wouldn't answer his radio; if other personnel were on board; if there were any pictures or video, etc., to make a determination if it was indeed suspicious.

"This was not a direct flight over the plant. Student pilot on his first solo flight. Got lost and flew near the plant and was not deemed a threat."

This incident initially received FAA attention because the pilot was descending from 3500 feet to 1000 feet while heading toward TMI.

R1 (Dimitriadis) knew of the event and shortly after the event pressed the licensee for official notification to the Headquarters Operations Officer. On 10/7/08 R1 notified ILTAB (b)(7)(C).

This report is open pending ILTAB review. ILTAB will update or close this report when appropriate.

*** Update from ILTAB (b)(7)(C) to Snyder on 10/14/08 at 1333 ***

ILTAB (b)(7)(C) completed review and forwarded this report to FAA/TSA. No additional information on this incident is expected and no further NRC action is anticipated. This report is considered closed.

~~FOR OFFICIAL USE ONLY - LIMITED DISTRIBUTION~~~~This report may contain "law enforcement sensitive" information.~~~~Please do not relay this information to individuals~~~~who do not have a "need to know."~~**Incident:** SID-02015**Site or Incident****Type:** PEACH BOTTOM**Created** 2011-08-26 17:36:00 (EDT)**Event Type:** Flyover**State:** PA**Facility Type:** Power Reactor - Operating**H.E.R.O:** Donald Norwood**Com Type:**

"A small twin engine aircraft was identified to be flying over PBAPS three times in a 10 minute period. Site Security has determined this to be a suspicious activity. The following Off-Site Agencies have been notified: FAA, FBI, Local Law Enforcement."

The licensee reports that the plane was yellow in color. The licensee notified the NRC Resident Inspector.

Notified ILTAB (b)(7)(C) and R1DO (Jackson).

*** UPDATE AT 0913 ON 03/23/10 FROM ILTAB (b)(7)(C) TO PARK ***

ILTAB (b)(7)(C) received an update from Region I (Smith) on 2/12/10. Region contacted Peach Bottom Manager of Security Operations and was informed that the facility had not received any additional information on the incident. It was also confirmed that the site was not able to provide a tail number to FAA. ILTAB also checked with FAA Liaison NORAD/NORTHCOM and no additional information was available. ILTAB completed their review and forwarded this report to FAA/TSA. No additional information on this incident is expected and no further NRC action is anticipated. Since the licensee deemed the activity to be suspicious in nature, the incident is considered closed unresolved.

Notified R1DO (Caruso).

~~FOR OFFICIAL USE ONLY - LIMITED DISTRIBUTION~~~~This report may contain "law enforcement sensitive" information~~~~Please do not relay this information to individuals~~~~who do not have a "need to know"~~**Incident:** SID-02038**Site or Incident****Type:** PEACH BOTTOM**Created** 2011-08-26 17:36:00 (EDT)**Event Type:** Flyover**State:** PA**Facility Type:** Power Reactor - Operating**H.E.R.O:** Dong Park**Com Type:**

Please note that the
"DELETED" is in the original
record and not a result of
FOIA processing.

"A small aircraft was identified to be flying over [Peach Bottom Atomic Power Station] PBAPS twice. Site Security has determined this to be a suspicious activity. The following Off-Site Agencies have been notified: FAA, FBI, Local Law Enforcement."

The aircraft is yellow in color, and the tail number of the aircraft is believed to be J568K, but this may not be accurate. The licensee did not change their site security posture. Also note that the flyover that occurred on 2/5/10, SID #3728, involved a yellow aircraft.

The licensee has notified the NRC Resident Inspector.

Notified ILTAB (b)(7)(C) and R1DO (Krohn).

*** UPDATE FROM JIM KOVALCHICK TO DONG PARK AT 1545 EDT ON 4/2/10 ***

The FAA was able to track the airplane to Doylestown Airport and reach the pilot. The pilot later called PBAPS and identified himself as [DELETED]. He said he was a self employed aerial photographer, and he was doing contract work for a nearby construction company. The pilot corrected the tail number to be N7586K.

Pilot: [DELETED]

Notified ILTAB (b)(7)(C) and R1DO (Krohn).

*** UPDATE FROM (b)(7)(C) TO SNYDER ON 6/21/10 AT 1018 EDT ***

ILTAB (b)(7)(C) completed review of this incident. No additional information on this incident is expected and no further NRC action is anticipated. This report is considered closed.

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Incident: SID-02942

Site or Incident

Type: Peach Bottom

Created 2018-08-28 18:00:00 (EDT)

Event Type: Drone

State: PA

Facility Type: Power Reactor - Operating

H.E.R.O: Brian Lin

Com Type:

A single, white fixed wing style unmanned aircraft system (drone) with an approximate 4' wingspan was observed flying over the Owner Controlled Area of Peach Bottom Atomic Power Station. The UAS was visible for approximately 15 seconds. There was no visible payload. The aircraft was operating at an estimated altitude of approximately 300 feet. The aircraft was observed moving East towards the site Protected Area, then turning North prior to passing the Protected Area boundary, then returning to the West. At no point did the UAS cross the protected area boundary. Security initiated a heightened awareness, however defensive strategy posture was not changed. Security personnel patrolled the Owner Controlled Area and no unauthorized or suspicious individuals were identified.

Additionally, the local transmission line inspectors were notified and did not have any scheduled inspection in progress.

The NRC Resident Inspector, R1DO (Lilliendahl), and ILTAB has been notified.

This report is open pending ILTAB/ILTAT review. ILTAB/ILTAT will update or close this report when appropriate.

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Incident: SID-03084

Site or Incident

Type: Peach Bottom

Created 2021-07-04 02:09:00 (EDT)

Event Type: Drone

State: PA

Facility Type: Power Reactor - Operating

H.E.R.O: Lloyd Desotell

Com Type:

"On July 3, 2021, at approximately 2318 [EDT] hours, a station employee notified security of drone activity flying over the Protected Area. Officers were dispatched and three drones were identified with a flight path of west to east, about 250 feet in the air, in a straight line. One drone was located in the North over the Emergency Cooling Tower, One drone was located over BRE 5 in the middle of the plant, and the last drone was located in the south over BRE 4. The drones moved in a straight line with each other, moving slowly, with an estimated time of a minute and a half over the Protected Area. The drones were identified as triangular in shape with red, green, and white flashing lights. The drones continued their easterly direction across the river to the other side and last sighted at 2341 [EDT] hours before disappearing."

The licensee notified the Resident Inspector.

Notified R1DO (Lilliendahl) and ILTAB (email).

This report is open pending ILTAB/ILTAT review. ILTAB/ILTAT will update or close this report when appropriate.

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Incident: SID-03086

Site or Incident

Type: Peach Bottom

Created 2021-07-14 23:10:00 (EDT)

Event Type: Drone

State: PA

Facility Type: Power Reactor - Operating

H.E.R.O: Joanna Bridge

Com Type:

On July 14, 2021, at approximately 2035 EDT, a station employee notified security of drone activity flying over the Protected Area. The employee described a single drone with a flight path of west to east, about 150 feet in the air. The drone was flying over the pump structure and inner screen building moving easterly towards the river. The drone moved in a straight line and was identified as triangular in shape with red flashing light. Security officers dispatched and had a visual on the drone as it continued its flight path to the other side of the river before disappearing at 2045 EDT.

Notified R1DO (Janda).

This report is open pending ILTAB/ILTAT review. ILTAB/ILTAT will update or close this report when appropriate.

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Incident: SID-03090

Site or Incident

Type: Peach Bottom

Created 2021-08-11 05:37:00 (EDT)

Event Type: Drone

State: PA

Facility Type: Power Reactor - Operating

H.E.R.O: Bethany Cecere

Com Type:

"On August 11, 2021, at approximately 0432 EDT, a security officer notified supervision of drone activity flying over the Protected Area. The officer described a single drone with a flight path of west to east, about 300 feet in the air. The drone was flying over the main access facility building moving easterly towards the river. The drone moved in a straight line and was identified as triangular in shape with red, green, and white flashing lights. Security officers dispatched and had a visual on the drone as it continued its flight path to the other side of the river before disappearing at 0440 EDT."

Notified R1DO (Werkheiser).

This report is open pending ILTAB/ILTAT review. ILTAB/ILTAT will update or close this report when appropriate.

~~FOR OFFICIAL USE ONLY - LIMITED DISTRIBUTION~~~~This report may contain "law enforcement sensitive" information~~~~Please do not relay this information to individuals
who do not have a "need to know"~~**Incident:** SID-03093**Site or Incident****Type:** Peach Bottom**Created** 2021-08-13 01:09:00 (EDT)**Event Type:** Drone**State:** PA**Facility Type:** Power Reactor - Operating**H.E.R.O:** Bethany Cecere**Com Type:**

"On August 12, 2021, at approximately 2344 EDT, a security officer notified supervision of multiple drone activity flying over the Protected Area. The officer described multiple drones with a flight path of east to west and back, about 250 feet in the air. The drones were flying over the Protected Area into the Owner Controlled Area and then back across the river. The drones moved in a straight line and were identified as triangular in shape with two white lights and a red flashing light. Security officers dispatched and had a visual on the drones as they continued their flight path to the other side of the river before disappearing at 0015 EDT."

Notified R1DO (Werkheiser).

This report is open pending ILTAB/ILTAT review. ILTAB/ILTAT will update or close this report when appropriate.

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Incident: SID-03098

Site or Incident

Type: Peach Bottom

Created 2021-11-06 08:36:00 (EDT)

Event Type: Drone

State: PA

Facility Type: Power Reactor - Operating

H.E.R.O: Karen Cotton

Com Type:

On November 6, 2021, at approximately 0645 EDT hours, multiple Protected Area Security Positions reported Drone activity over the Owner Controlled Area portion of the site. The observations estimate 10 devices, some with Red/White Lights, some with Red/Green Lights, with a flight path East to West and return at an altitude greater than 500 feet. The activity was observable for approximately 10 minutes and appeared to mirror Electrical Transmission Lines over the Susquehanna River, site North and South Switchyards.

This report is open pending ILTAB/ILTAT review. ILTAB/ILTAT will update or close this report when appropriate.

~~FOR OFFICIAL USE ONLY - LIMITED DISTRIBUTION~~

~~This report may contain "law enforcement sensitive" information~~

~~Please do not relay this information to individuals~~

~~who do not have a "need to know"~~

Incident: SID-03103

Site or Incident

Type: Peach Bottom

Created 2021-12-23 03:01:00 (EST)

Event Type: Drone

State: PA

Facility Type: Power Reactor - Operating

H.E.R.O: Bethany Cecere

Com Type:

"On December 23, 2021, at approximately 0110 EST, a security officer notified supervision of drone activity flying over the Protected Area. The officer described a single drone with a flight path of east to west, about 250 feet in the air. The drone was flying over the Outer Screen structure moving west towards the North Sub Station. The drone moved in a straight line and was identified as triangular in shape with red, green flashing and white solid lights. Security officers dispatched and had a visual on the drone as it its flight path west until disappearing at approximately 0115 EST."

The licensee will notify the NRC Resident Inspector.

Notified R1DO (Carfang) and ILTAB via email.

This report is open pending ILTAB/ILTAT review. ILTAB/ILTAT will update or close this report when appropriate.

FOIA NO: 2022-0075

GROUP: A

**RECORDS BEING RELEASED
IN-PART & REFER TO NSIR**

From: McKinley, Raymond
Sent: Friday, August 10, 2018 9:32 AM
To: Lew, David; Giessner, John; Lorson, Raymond; Pelton, David; Yerokun, Jimi; Welling, Blake; Screnci, Diane; Sheehan, Neil; Tifft, Doug
Cc: Greives, Jonathan; Barber, Scott; Rutenkroger, Scott; Fannon, Matthew
Subject: ~~OUO~~ FW: SID Notice: 08/10/2018
Attachments: SID.pdf

Importance: High

~~OUO - SECURITY RELATED INFORMATION~~

FYI. Coordinated drone activity over Limerick. There was no threat, and the drone activity is legal under FAA regulations. The licensee took appropriate action and reported the activity to local law enforcement, and made voluntary notifications to NRC, FBI, and FAA.

Plant Support Branch will reach out to ILTAB for awareness.

If we receive any external inquiries, then would recommend limiting comments as follows:

- * We are aware of the drone overflight activity.
- * The drones did not present a threat to the facility.
- * Drone overflights are not prohibited under FAA regulations.
- * Any questions regarding FAA drone regulations should be referred to FAA.

Ray McKinley
Chief, Plant Support Branch

-----Original Message-----

From: Cahill, Christopher
Sent: Friday, August 10, 2018 7:46 AM
To: McKinley, Raymond <Raymond.McKinley@nrc.gov>; Greives, Jonathan <Jonathan.Greives@nrc.gov>; Rutenkroger, Scott <Scott.Rutenkroger@nrc.gov>
Subject: FW: SID Notice: 08/10/2018

-----Original Message-----

From: Hoc, HOO X
Sent: Friday, August 10, 2018 5:53 AM
To: Hoc, HOO X <HOO.Hoc@nrc.gov>
Subject: SID Notice: 08/10/2018

~~FOR OFFICIAL USE ONLY - LIMITED DISTRIBUTION~~

SID#: SID-02938 ; Limerick ; Open

The following attached report may contain "law enforcement sensitive" information. Please do not relay this information to individuals who do not have a "need to know".

Headquarters Operations Officer
U.S. Nuclear Regulatory Commission
Phone: 301-816-5100
Fax: 301-816-5151
email: hoo.hoc@nrc.gov
secure e-mail: hoo1@nrc.sgov.gov

~~FOR OFFICIAL USE ONLY - LIMITED DISTRIBUTION~~

~~This report may contain "law enforcement sensitive" information~~
~~Please do not relay this information to individuals~~
~~who do not have a "need to know"~~

Event #: SID-02938

Security Event Description

Site: Limerick

Facility Type: Power Reactor - Operating

Event Date/Time: 08/09/2018 10:15:00 PM America/Chicago

Notify Date/Time: 08/10/2018 4:28:00 AM (EDT)

Last Update Date: 08/10/2018 5:37:20 AM (EDT)

Event Type: Suspicious Person/Vehicle/Watercraft/Activity

H.E.R.O: Richard Smith

Caller Affiliation: Licensee

"On 09 August 2018 at approximately 2215 [EDT], a Security Officer reported a drone flying in the area of the 500 kV yard. At approximately 2230 [EDT] MSO's [Member of Security Organization] reported multiple drones in the OCA [Owner Control Area] and flying over the PA [Protected Area]. Security initiated a Code Yellow and observed drones flying in the vicinity of the ISFSI [Independent Spent Fuel Storage Installation] Pad, Turbine Roof, Cooling Towers, 500 kV Yard, 66 kV Yard, and 220 kV Yard. Limerick PD [Police Department] was notified of the incident and responded to the OCA. The drones were approximately 300-500 feet in the air and approximately 3-5 feet in diameter with amber colored lights as well as blinking red and white lights. A total of 4-6 drones were identified and observed by multiple members of the security organization. The flight path of the drones was from the South East to North West over the PA circling South and East returning to the initial point the drones were first observed. Multiple drones took this same flight pattern for a duration of approximately 20-30 minutes. The flight path changed to a counter clockwise pattern over the OCA portion of the plant for approximately 40-60 minutes until the drones were no longer observable by the security force. The Security Supervisor was in contact with Limerick PD during the duration of situation. Limerick PD patrolled areas of the OCA with no adverse findings but did confirm drone activity and the size of the drones. No identifying marks or flight numbers could be observed on the drones. Voluntary notifications [were] made to the FAA and FBI offices."

The licensee notified the NRC Resident Inspector.

Notified R1DO (Cahill) and ILTAB (b)(7)(C)).

This report is open pending ILTAB/ILTAT review. ILTAB/ILTAT will update or close this report when appropriate.

~~For Official Use Only~~

From: Giessner, John
Sent: Monday, August 13, 2018 4:41 PM
To: Lew, David
Subject: FW: Drones - ~~***OUO***~~

We had another drone flyover in Limerick OCA. See some info below.

From: Yerokun, Jimi
Sent: Monday, August 13, 2018 2:59 PM
To: McKinley, Raymond <Raymond.McKinley@nrc.gov>; Caron, Dana <Dana.Caron@nrc.gov>
Cc: Giessner, John <John.Giessner@nrc.gov>; Greives, Jonathan <Jonathan.Greives@nrc.gov>; Welling, Blake <Blake.Welling@nrc.gov>
Subject: FW: Drones - ~~***OUO***~~

~~OUO~~

FYI. It appears that any likely changes will not start grinding until later in 2019.

Jimi T. Yerokun
610 337-5128 (b)(7)(C) (c)

From: Andersen, James
Sent: Monday, August 13, 2018 3:50 PM
To: O'Brien, Kenneth <Kenneth.O'Brien@nrc.gov>; Shuaibi, Mohammed <Mohammed.Shuaibi@nrc.gov>; Loudon, Patrick <Patrick.Loudon@nrc.gov>; Lara, Julio <Julio.Lara@nrc.gov>; Vogel, Anton <Anton.Vogel@nrc.gov>; Lantz, Ryan <Ryan.Lantz@nrc.gov>; Shaffer, Mark <Mark.Shaffer@nrc.gov>; Clark, Jeff <Jeff.Clark@nrc.gov>; Yerokun, Jimi <Jimi.Yerokun@nrc.gov>; Welling, Blake <Blake.Welling@nrc.gov>; Lorson, Raymond <Raymond.Lorson@nrc.gov>; Pelton, David <David.Pelton@nrc.gov>; Munday, Joel <Joel.Munday@nrc.gov>; Franke, Mark <Mark.Franke@nrc.gov>; Gody, Tony <Tony.Gody@nrc.gov>; Miller, Mark <Mark.Miller@nrc.gov>
Cc: Rivers, Joseph <Joseph.Rivers@nrc.gov>; Curtis, David <David.Curtis@nrc.gov>; King, Michael <Michael.King2@nrc.gov>; Bailey, Marissa <Marissa.Bailey@nrc.gov>; Pretzello, Andrew <Andrew.Pretzello@nrc.gov>
Subject: Drones

All,

(b)(5)

(b)(5)

Thanks,
Jim A.

Jim Andersen, Director
Division of Physical and Cyber Security Policy
Office of Nuclear Security and Incident Response
U.S. Nuclear Regulatory Commission
301-287-3598
james.andersen@nrc.gov

From: Lew, David
Sent: Monday, August 13, 2018 7:35 AM
To: Greives, Jonathan
Subject: Re: ~~OUC~~ SID Distribution- Limerick Drone Flyover

Thanks, Jon.

On: 13 August 2018 07:26, "Greives, Jonathan" <Jonathan.Greives@nrc.gov> wrote:

Sorry for the confusion Dave. It was only the OCA this time. I sent a correction to the larger group.

From: Lew, David
Sent: Monday, August 13, 2018 6:35 AM
To: Greives, Jonathan <Jonathan.Greives@nrc.gov>
Subject: Re: ~~OUC~~ SID Distribution- Limerick Drone Flyover

Jon, Did you mean OCA or did the drones actually fly over the protected area? Dave

On: 13 August 2018 05:49, "Greives, Jonathan" <Jonathan.Greives@nrc.gov> wrote:

All,

See attached for more details, but in summary last night there was a coordinated flyover of 2 drones at the Limerick PA. This was similar to the event described last Friday. Security entered Code Yellow and notified LLEA and Pennsylvania State Police who were unable to find the responsible individual(s). The event was terminated at approximately midnight. Limerick also made voluntary notifications to the FAA and FBI. As stated in the attached SIDS report, ILTAB was notified. Though the drones did fly over the protected area, they did not pose a threat to Limerick personnel or SSCs.

PB4 will coordinate with DRS and PAOs/SLOs for any additional information or follow-up.

Regards,
Jon

Jonathan Greives, Chief
Projects Branch 4
Division of Reactor Projects
U.S. Nuclear Regulatory Commission- Region 1
610-337-5337 (W)
(b)(7)(C) (C)
jonathan.greives@nrc.gov

-----Original Message-----

From: Hoc, HOO X
Sent: Monday, August 13, 2018 1:53 AM

To: Hoc, HOO X <HOO.Hoc@nrc.gov>
Subject: SID Notice: 08/13/2018

~~FOR OFFICIAL USE ONLY - LIMITED DISTRIBUTION~~

SID#: SID-02939 ; Limerick ; Open

The following attached report may contain "law enforcement sensitive" information. Please do not relay this information to ind

From: Greives, Jonathan
Sent: Monday, August 13, 2018 7:25 AM
To: Bickett, Brice; Crisden, Cherie; Tifft, Doug; Sheehan, Neil; Screnci, Diane; Lorson, Raymond; Pelton, David; Yerokun, Jimi; Welling, Blake; Lew, David; Giessner, John
Cc: McKinley, Raymond; Caron, Dana; Cherubini, John; Barber, Scott; Rutenkroger, Scott; Beacon, Daniel; Fannon, Matthew; Turilin, Andrey
Subject: RE: ~~OOO~~ SID Distribution- Limerick Drone Flyover

One correction to the below email, the drone event last night did not crossover the PA, however did include a flyover of the OCA (in the vicinity of the cooling towers and parking lot). Sorry for the confusion.

Regards,
Jon

-----Original Message-----

From: Greives, Jonathan
Sent: Monday, August 13, 2018 5:49 AM
To: Bickett, Brice <Brice.Bickett@nrc.gov>; Crisden, Cherie <Cherie.Crisden@nrc.gov>; Douglas Tifft (Doug.Tifft@nrc.gov) <Doug.Tifft@nrc.gov>; Neil Sheehan (Neil.Sheehan@nrc.gov) <Neil.Sheehan@nrc.gov>; Diane Screnci (Diane.Screnci@nrc.gov) <Diane.Screnci@nrc.gov>; Raymond Lorson (Raymond.Lorson@nrc.gov) <Raymond.Lorson@nrc.gov>; Pelton, David <David.Pelton@nrc.gov>; Yerokun, Jimi <Jimi.Yerokun@nrc.gov>; Blake Welling (Blake.Welling@nrc.gov) <Blake.Welling@nrc.gov>; David Lew (David.Lew@nrc.gov) <David.Lew@nrc.gov>; Giessner, John <John.Giessner@nrc.gov>
Cc: Raymond McKinley (Raymond.McKinley@nrc.gov) <Raymond.McKinley@nrc.gov>; Dana Caron (Dana.Caron@nrc.gov) <Dana.Caron@nrc.gov>; John Cherubini (John.Cherubini@nrc.gov) <John.Cherubini@nrc.gov>; G Scott Barber (Scott.Barber@nrc.gov) <Scott.Barber@nrc.gov>; Scott Rutenkroger (Scott.Rutenkroger@nrc.gov) <Scott.Rutenkroger@nrc.gov>; Beacon, Daniel <Daniel.Beacon@nrc.gov>; Fannon, Matthew <Matthew.Fannon@nrc.gov>; 'Andrey Turilin' <andrey.turilin@nrc.gov>
Subject: ~~OOO~~ SID Distribution- Limerick Drone Flyover

All,

See attached for more details, but in summary last night there was a coordinated flyover of 2 drones at the Limerick PA. This was similar to the event described last Friday. Security entered Code Yellow and notified LLEA and Pennsylvania State Police who were unable to find the responsible individual(s). The event was terminated at approximately midnight. Limerick also made voluntary notifications to the FAA and FBI. As stated in the attached SIDS report, ILTAB was notified. Though the drones did fly over the protected area, they did not pose a threat to Limerick personnel or SSCs.

PB4 will coordinate with DRS and PAOs/SLOs for any additional information or follow-up.

Regards,
Jon

Jonathan Greives, Chief
Projects Branch 4
Division of Reactor Projects
U.S. Nuclear Regulatory Commission- Region 1
610-337-5337 (W)
(b)(7)(C) (C)
jonathan.greives@nrc.gov

-----Original Message-----

From: Hoc, HOO X
Sent: Monday, August 13, 2018 1:53 AM
To: Hoc, HOO X <HOO.Hoc@nrc.gov>
Subject: SID Notice: 08/13/2018

~~FOR OFFICIAL USE ONLY - LIMITED DISTRIBUTION~~

SID#: SID-02939 ; Limerick ; Open

The following attached report may contain "law enforcement sensitive" information. Please do not relay this information to individuals who do not have a "need to know".

Headquarters Operations Officer
U.S. Nuclear Regulatory Commission
Phone: 301-816-5100
Fax: 301-816-5151
email: hoo.hoc@nrc.gov
secure e-mail: hoo1@nrc.sgov.gov

From: Greives, Jonathan
Sent: Monday, August 13, 2018 5:49 AM
To: Bickett, Brice; Crisden, Cherie; Tifft, Doug; Sheehan, Neil; Screnci, Diane; Lorson, Raymond; Pelton, David; Yerokun, Jimi; Welling, Blake; Lew, David; Giessner, John
Cc: McKinley, Raymond; Caron, Dana; Cherubini, John; Barber, Scott; Rutenkroger, Scott; Beacon, Daniel; Fannon, Matthew; Turilin, Andrey
Subject: ~~OOO~~-SID Distribution- Limerick Drone Flyover
Attachments: SID.pdf

All,

See attached for more details, but in summary last night there was a coordinated flyover of 2 drones at the Limerick PA. This was similar to the event described last Friday. Security entered Code Yellow and notified LLEA and Pennsylvania State Police who were unable to find the responsible individual(s). The event was terminated at approximately midnight. Limerick also made voluntary notifications to the FAA and FBI. As stated in the attached SIDS report, ILTAB was notified. Though the drones did fly over the protected area, they did not pose a threat to Limerick personnel or SSCs.

PB4 will coordinate with DRS and PAOs/SLOs for any additional information or follow-up.

Regards,
Jon

Jonathan Greives, Chief
Projects Branch 4
Division of Reactor Projects
U.S. Nuclear Regulatory Commission- Region 1
610-337-5337 (W)
(b)(7)(C) (C)
jonathan.greives@nrc.gov

-----Original Message-----

From: Hoc, HOO X
Sent: Monday, August 13, 2018 1:53 AM
To: Hoc, HOO X <HOO.Hoc@nrc.gov>
Subject: SID Notice: 08/13/2018

~~FOR OFFICIAL USE ONLY~~ - LIMITED DISTRIBUTION

SID#: SID-02939 ; Limerick ; Open

~~The following attached report may contain "law enforcement sensitive" information. Please do not relay this information to individuals who do not have a "need to know".~~

Headquarters Operations Officer
U.S. Nuclear Regulatory Commission
Phone: 301-816-5100
Fax: 301-816-5151
email: hoo.hoc@nrc.gov
secure e-mail: hoo1@nrc.sgov.gov

~~FOR OFFICIAL USE ONLY - LIMITED DISTRIBUTION~~

~~This report may contain "law enforcement sensitive" information~~

~~Please do not relay this information to individuals~~

~~who do not have a "need to know"~~

Event #: SID-02939

Security Event Description

Site: Limerick

Facility Type: Power Reactor - Operating

Event Date/Time: 08/12/2018 11:40:00 PM America/New_York

Notify Date/Time: 08/13/2018 12:13:00 AM (EDT)

Last Update Date: 08/13/2018 1:37:00 AM (EDT)

Event Type: Suspicious Person/Vehicle/Watercraft/Activity

H.E.R.O: Richard Smith

Caller Affiliation: Licensee

"On August 12, 2018 at approximately 2335 EDT, a Security Officer reported a drone flying near the upper parking lot. At approximately 2337 EDT, MSO's [Member of Security Organization] reported multiple drones in the OCA flying towards the cooling tower and near the Spray Pond. Officers observed drones flying East to West in a North/West direction and circling back to the East. Limerick PD and State police were notified of the incident and responded to the OCA. AT 2340 EDT the Security assumed a heightened level of awareness and changed the defensive posture to a Code Yellow. The drones were approximately 100-200 feet in the air and approximately four feet in diameter with amber and orange colored blinking lights. A total of two drones were identified and observed by multiple members of the security organization. The flight path of the drones was from East to North West circling back to East returning to the initial point of the upper parking lot. The flight pattern for a duration of approximately five minutes. The total flight time was approximately 20 minutes until the drones were no longer observable by the security force. Security Supervisor contacted following Agencies: FBI, FAA, PA State Police, and Limerick Police. Limerick PD and State Police patrolled areas of the OCA with no adverse findings and committed to patrol the area at a later time. No identifying marks or flight numbers could be observed on the drones. All voluntary notifications were made to the FAA and FBI offices."

Notified R1DO (Cahill) and ILTAB Duty Officer (b)(7)(C)).

This report is open pending ILTAB/ILTAT review. ILTAB/ILTAT will update or close this report when appropriate.

~~For Official Use Only~~

From: Greives, Jonathan
Sent: Friday, August 24, 2018 6:35 AM
To: Bickett, Brice; Tifft, Doug; Sheehan, Neil; Screnci, Diane; Lorson, Raymond; Pelton, David; Yerokun, Jimi; Welling, Blake; Lew, David; Giessner, John
Cc: McKinley, Raymond; Caron, Dana; Cherubini, John; Barber, Scott; Rutenkroger, Scott; Beacon, Daniel; Fannon, Matthew; Turilin, Andrey
Subject: ~~OOO-~~ SID Distribution- Limerick Drone Flyover
Attachments: SID.pdf

All,

See attached for more details, but in summary last night at approximately 9:00 p.m., there was reported drone activity at Limerick. This was similar to the previous events over the past several weeks. Security entered Code Yellow and notified LLEA and Pennsylvania State Police who were unable to find the responsible individual(s). Limerick also made voluntary notifications to the FAA and FBI. As stated in the attached SIDS report, ILTAB was notified. Though the bulk of the activity was over the OCA, the drones did fly over the protected area in the vicinity of the ISFSI, and did not pose a threat to Limerick personnel or SSCs.

PB4 will coordinate with DRS and PAOs/SLOs for any additional information or follow-up.

Regards,
Jon

Jonathan Greives, Chief
Projects Branch 4
Division of Reactor Projects
U.S. Nuclear Regulatory Commission- Region 1
610-337-5337 (W)
(b)(7)(C) (C)
jonathan.greives@nrc.gov

-----Original Message-----

From: Hoc, HOO X
Sent: Friday, August 24, 2018 2:14 AM
To: Janda, Donna <Donna.Janda@nrc.gov>
Subject: SID Notice: 08/24/2018

~~FOR OFFICIAL USE ONLY - LIMITED DISTRIBUTION~~

SID#: SID-02941 ; Limerick ; Open

~~The following attached report may contain "law enforcement sensitive" information. Please do not relay this information to individuals who do not have a "need to know".~~

Headquarters Operations Officer
U.S. Nuclear Regulatory Commission
Phone: 301-816-5100
Fax: 301-816-5151
email: hoo.hoc@nrc.gov
secure e-mail: hoo1@nrc.sgov.gov

~~FOR OFFICIAL USE ONLY - LIMITED DISTRIBUTION~~

~~This report may contain "law enforcement sensitive" information~~

~~Please do not relay this information to individuals~~

~~who do not have a "need to know"~~

Event #: SID-02941

Security Event Description

Site: Limerick

Facility Type: Power Reactor - Operating

Event Date/Time: 08/23/2018 9:15:00 PM (EDT)

Notify Date/Time: 08/24/2018 12:57:00 AM (EDT)

Last Update Date: 08/24/2018 2:11:25 AM (EDT)

Event Type: Flyover

H.E.R.O: Andrew Waugh

Caller Affiliation: Licensee

"On August 23, 2018 at approximately 2100 [EDT], a security officer reported a potential drone in the vicinity of Fritz Lock which is not part of the owner controlled area (OCA) at LGS [Limerick Generating Station] and is located southwest of the plant on the south side of the Schuylkill River. At approximately 2120 [EDT] multiple security officers posted on the south and southwest sides of the protected area reported multiple drones in the OCA. At 2125 [EDT] Limerick security assumed a heightened level of awareness and elevated the defensive posture to a Code Yellow. The Limerick Police Department and State Police were notified of the incident and responded to the OCA.

"The drone activity was confirmed to be three drones approximately 200-400 feet in the air and approximately 3-5 feet in diameter with white and multi colored blinking indicator lights. The flight paths of the drones were from the southwest to the southeast over the Schuylkill River Pump House in Exelon Owner Controlled Area and would repeat this flight pattern back and forth for a minimum of 40 minutes. The drones travel path would venture over the southern part of the protected area in the vicinity of the ISFSI [Independent Spent Fuel Storage Instillation] area before continuing southwest out of view of any posted security officer. The Security Supervisor contacted the following agencies.

"FBI – Agent (b)(7)(C)

FAA – Kelly Peurifoy 404-305-5150

PA State Police – PCO Patrick Finucane 610-584-1250

Limerick Police – Officer 610-495-7909

"Limerick Police Officer Patrick Murphy responded to the OCA in the vicinity of the personnel processing center and confirmed drone activity south of the plant in the vicinity of the 220 KV Yard. East Coventry Police Officer Brown responded to the Fritz Lock area south of the Schuylkill River and did not report any activity. The Code Yellow was terminated at 2215 [EDT] and all voluntary notifications were made to the FAA and FBI offices."

The licensee notified the NRC Resident Inspector. Notified R1DO (Janda) and ILTAB

(b)(7)(C).

This report is open pending ILTAB/ILTAT review. ILTAB/ILTAT will update or close this report when appropriate.

~~For Official Use Only~~

From: Welling, Blake
Sent: Friday, August 31, 2018 11:22 AM
To: Lew, David; Giessner, John
Cc: Yerokun, Jimi
Subject: FW: Unmanned Aerial Vehicles One-Pager
Attachments: UAV One-Pager_8-31-18 (~~OUO - Law Enforcement Sensitive~~)(003).docx

Dave/Jack,

NSIR just shared this one-pager with us. It mentions the multiple drone flights around Limerick this month.

Blake

From: Curtis, David
Sent: Friday, August 31, 2018 11:02 AM
To: Miller, Chris <Chris.Miller@nrc.gov>; King, Michael <Michael.King2@nrc.gov>; Bailey, Marissa <Marissa.Bailey@nrc.gov>; Clark, Jeff <Jeff.Clark@nrc.gov>; Franke, Mark <Mark.Franke@nrc.gov>; Gody, Tony <Tony.Gody@nrc.gov>; Lantz, Ryan <Ryan.Lantz@nrc.gov>; Lara, Julio <Julio.Lara@nrc.gov>; Lorson, Raymond <Raymond.Lorson@nrc.gov>; Loudon, Patrick <Patrick.Loudon@nrc.gov>; Miller, Mark <Mark.Miller@nrc.gov>; Munday, Joel <Joel.Munday@nrc.gov>; O'Brien, Kenneth <Kenneth.O'Brien@nrc.gov>; Pelton, David <David.Pelton@nrc.gov>; Pretzello, Andrew <Andrew.Pretzello@nrc.gov>; Pruett, Troy <Troy.Pruett@nrc.gov>; Shuaibi, Mohammed <Mohammed.Shuaibi@nrc.gov>; Vogel, Anton <Anton.Vogel@nrc.gov>; Yerokun, Jimi <Jimi.Yerokun@nrc.gov>; Helton, Shana <Shana.Helton@nrc.gov>; Welling, Blake <Blake.Welling@nrc.gov>
Subject: Unmanned Aerial Vehicles One-Pager

As I mentioned during the Bi-Weekly HQ and Regional Division Directors Meeting this morning, attached is a one-pager on the current staff activities related to drones and NRC licensed facilities. This one-pager is intended to supplement the information Jim Andersen provided you in a message on August 13th.

If you have additional questions or would like to discuss, please let me know.

David Curtis
Deputy Director
Division of Physical and Cyber Security Policy
Office of Nuclear Security and Incident Response
U.S. Nuclear Regulatory Commission

(o) 301-287-3607
(m) (b)(7)(C)



NRC Staff's Ongoing Assessment of Unmanned Aerial Vehicles

(b)(5)



(b)(5)



Last Updated: August 31, 2018

From: Lew, David
Sent: Sunday, November 7, 2021 7:43 AM
To: Bloomer, Tammy
Subject: RE: Drone Activity- Peach Bottom

Thanks Tammy.

From: Bloomer, Tammy <Tamara.Bloomer@nrc.gov>
Sent: Saturday, November 6, 2021 1:54 PM
To: Lew, David <David.Lew@nrc.gov>; Lorson, Raymond <Raymond.Lorson@nrc.gov>
Cc: Welling, Blake <Blake.Welling@nrc.gov>
Subject: Fwd: Drone Activity- Peach Bottom

Please see emails about SID report on Peach Bottom. No change in security posture

Begin Forwarded Message:

From: "Bower, Fred" <Fred.Bower@nrc.gov>
Subject: Fwd: Drone Activity- Peach Bottom
Date: 06 November 2021 09:27

From: "Greives, Jonathan" <Jonathan.Greives@nrc.gov>
Subject: Drone Activity- Peach Bottom
Date: 06 November 2021 09:01
To: "Collins, Daniel" <Daniel.Collins@nrc.gov>, "Krohn, Paul" <Paul.Krohn@nrc.gov>, "Bower, Fred" <Fred.Bower@nrc.gov>, "Schroeder, Daniel" <Daniel.Schroeder@nrc.gov>
Cc: "Rutenkroger, Scott" <Scott.Rutenkroger@nrc.gov>, "Boguszewski, Peter" <Peter.Boguszewski@nrc.gov>, "Casey, Lauren" <Lauren.Casey@nrc.gov>, "Garcia, Eli" <eli.garcia@nrc.gov>

Good morning!

Last night, ~10 drones flew in a patterned flight in the vicinity of Peach Bottom. Only one flew over the protected area. Operator was unable to be identified and there was no threat to site security. No change in site security posture. Exelon made notifications to LLEA/FBI and also issued a SIDS report.

Jon

Jonathan Greives

Chief, Projects Branch 4

Division of Operating Reactor Safety, Region I

(610) 337-5337 (W)

(b)(7)(C) (M)

Jonathan.greives@nrc.gov

