

Dear FOIA Requester:

The FOIA Improvement Act of 2016, which was enacted on June 30, 2016, made several changes to the Freedom of Information Act (FOIA). Federal agencies must revise their FOIA regulations to reflect those changes by December 27, 2016. In addition to revising our regulations, we intend to update the Form 464, which we use to respond to FOIA requests.

In the interim, please see the comment box in Part I.C of the attached Form 464. The comment box includes information related to the recent changes to FOIA that is applicable to your FOIA request, including an updated time period for filing an administrative appeal with the NRC.

Sincerely yours,

Nina Argent /S/

Nina Argent
FOIA Officer (Acting)



RESPONSE TO FREEDOM OF INFORMATION ACT (FOIA) REQUEST

2016-0727

1

RESPONSE TYPE INTERIM FINAL

REQUESTER:

Larry Criscione

DATE:

12/22/2016

DESCRIPTION OF REQUESTED RECORDS:

(1) ML16236A019 -- Jan-9 mpg video of the flooding at St. Lucie, and (2) ML16236A021 -- May 27 and June 5, 2014 emails concerning the St. Lucie Jan. 9 Reactor Auxiliary Building Flooding video.

PART I. -- INFORMATION RELEASED

- Agency records subject to the request are already available in public ADAMS or on microfiche in the NRC Public Document Room.
- Agency records subject to the request are enclosed.
- Records subject to the request that contain information originated by or of interest to another Federal agency have been referred to that agency (see comments section) for a disclosure determination and direct response to you.
- We are continuing to process your request.
- See Comments.

PART I.A -- FEES

AMOUNT*

\$

- You will be billed by NRC for the amount listed.
- None. Minimum fee threshold not met.
- You will receive a refund for the amount listed.
- Fees waived.

*See Comments for details

PART I.B -- INFORMATION NOT LOCATED OR WITHHELD FROM DISCLOSURE

- We did not locate any agency records responsive to your request. *Note:* Agencies may treat three discrete categories of law enforcement and national security records as not subject to the FOIA ("exclusions"). 5 U.S.C. 552(c). This is a standard notification given to all requesters; it should not be taken to mean that any excluded records do, or do not, exist.
- We have withheld certain information pursuant to the FOIA exemptions described, and for the reasons stated, in Part II.
- Because this is an interim response to your request, you may not appeal at this time. We will notify you of your right to appeal any of the responses we have issued in response to your request when we issue our final determination.
- You may appeal this final determination within 30 calendar days of the date of this response by sending a letter or email to the FOIA Officer, at U.S. Nuclear Regulatory Commission, Washington, D.C. 20555-0001, or FOIA.Resource@nrc.gov. Please be sure to include on your letter or email that it is a "FOIA Appeal."

PART I.C COMMENTS (Use attached Comments continuation page if required)

In conformance with the FOIA Improvement Act of 2016, the NRC is informing you that you have the right to seek assistance from the NRC's FOIA Public Liaison.

This interim response addresses the first two of the seven records requested in your request. The responsive records are enclosed. Since the date of your request, ML16236A019 and ML16236A021 have been removed from ADAMS. However, because the NRC was able to locate these records by the accession numbers when your request was received, we have processed the records.

SIGNATURE - FREEDOM OF INFORMATION ACT OFFICER

Nina Argent, Acting Karen Damico

From: Dean, Bill

Sent: Thursday, June 05, 2014 10:46 AM

To: Heinly, Justin; Werkheiser, David; Dodson, Douglas; Perry, Neil; Rich, Sarah; Rutenkroger, Scott

Cc: Nieh, Ho; Scott, Michael; Lorson, Raymond; Trapp, James; Lew, David; Bower, Fred; McKinley, Raymond; Schroeder, Daniel; Burritt, Arthur; Dentel, Glenn; Powell, Raymond; DeFrancisco, Anne; Warnek, Nicole; Greives, Jonathan; Schmidt, Wayne; Cahill, Christopher; Cook, William; Daun, Travis; Bickett, Brice

Subject: FW: St. Lucie Jan 9 Reactor Auxiliary Building Flooding Video

So in reflecting on this video and the chronology of an actual recent St. Lucie flooding event described below (I am sure that Jon is having some flashbacks from the Susquehanna event a few years ago seeing the water pour out of electrical boxes) that happened earlier this year during a massive rainstorm, I can't help but think about how you have recently identified vulnerabilities at your sites related to flooding protection that have helped to preclude such an event from occurring. Thanks for being vigilant and finding these vulnerable areas so they could be addressed before the incipient event occurs. That would be too late to find out the problem exists.

BILL

From: McCree, Victor

Sent: Tuesday, May 27, 2014 1:33 PM

To: Johnson, Michael

Cc: Leeds, Eric; Dean, Bill; Pederson, Cynthia; Dapas, Marc

Subject: St. Lucie Jan 9 Reactor Auxiliary Building Flooding Video

Mike,

Attached, as we discussed, is the video of the St. Lucie Auxiliary Building Flooding event on January 9, 2014. We are completing the SDP on this event and it is likely to be greater-than-green. As I shared during your last Direct Reports meeting, flooding vulnerabilities remain a concern to me.....

Here's a synopsis of what occurred at St. Lucie:

- On January 9th, St. Lucie experienced a severe 5-hr rain event between 1400 and 1900, during which ~7 inches of rain fell in the area.
- At 1803 hrs, the licensee declared a UE based on HU1 *Natural or Destructive Phenomena Affecting Protected Area* and, HU1.5 *Visual sightings by station personnel that water levels are approaching storm drain system capacity*.
- At 1630 Unit 1 entered the AOP for aux building flooding. Storm water was entering the -0.5 ft elevation of the reactor auxiliary building through a conduit that was connected to an electrical box (see gray electrical box in the video). This water intrusion created in 1-2 inches of water on -0.5 ft elevation (~50,000 gal) for several hours.
- The licensee was able to manage this flooding by periodically cycling remotely operated drain valves that allowed the water to go to the safeguards room (ECCS) sump [note: this action was not included in their flood mitigation procedure]. Storm water stopped leaking from the conduit at ~ 2100 hrs.
- Portable pumps were installed in both units' condenser pits to remove the water. The B.5.b pump was used to remove water from the Unit 1 condenser pit which had more water to remove.
- The licensee determined that flood waters entered the RAB through degraded or missing conduit seals in the open condenser pits. Although water in these pits normally drain to through storm drains to overflow basins south of the plant, the storm water drains backed up, allowing storm water to flood the open condenser pits and enter the Aux Building. **[Note: these degraded and missing penetration seals were not identified during the Fukushima walkdowns].**
- The licensee removed blockage that allowed the basins to drain to the South overflow basin; established a flow path from the south overflow basin to the retention pond; licensee cleaned out the 36 inch pipe connecting the two. The licensee also opened up a gate valve that drained down the retention pond to the intake.

More to come.

Vic