

Covanta Indianapolis, Inc.  
A Covanta Energy Corporation  
2320 South Harding St.  
Indianapolis, IN 46221  
Tel: 317.378.8700  
Fax: 317.637.9864

U.S. Nuclear Regulatory Commission  
Region III, Material Licensing Section  
2443 Warrenville Road, Suite 210  
Lisle, IL 60532 -4352

Pursuant to 10 CFR 30.50 c.1 Covanta Indianapolis is making this written report concerning the event that occurred on 02 August 2013:

- One of the source holders for our level detectors on our ash dischargers was stuck in the open position. This source holder is located in a harsh environment; ash worked it's way into the handle assembly and temporarily prevented the handle of the shutter from actuating. The Source Holder is Model GS-400, Serial Number 5134C0 (Located on Unit #1 - 2 discharger) manufactured by Ronan Engineering.
- The event occurred at our physical address and specifically on our Unit #1 - 2 discharger.
- The activity is 100mCi and uses a CS-137 source.
- The event occurred on 02 August 2013 around noon. The event was communicated to the NRC (Edward Kulzer) via e-mail. (see attached)
- Initially, Ronan Engineering was contacted to send a service technician to address the event. A second attempt to close the shutter succeeded and the shutter was cycled several times to ensure free range of motion on the shutter. At that time the Ronan Engineering technician was called off. Resolution of the issue was communicated to the NRC via e-mail on 05 August 2013. (see attached)
- There was no exposure to any individuals as a result of the event; the shutter was stuck in the open position (normal). The discharger was full of material and not accessible by personnel during the open shutter event. The source was at all times secure and not leaking; radiation levels were normal around the device.

If you have any further questions please contact myself (the back-up RSO) at 317-378-8726 or [bfoster@covantaenergy.com](mailto:bfoster@covantaenergy.com)

Sincerely,

Brian Foster  
Environmental Manager

**From:** Foster, Brian  
**To:** [elk1@nrc.gov](mailto:elk1@nrc.gov)  
**Subject:** FW: Covanta Indianapolis - Shutter stuck in open position (normal operating position)  
**Date:** Thursday, November 14, 2013 11:14:00 AM  
**Attachments:** [image001.png](#)

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Ed,

I was able to search thru my e-mails and I found this.

I will still write up a formal report to close out that issue but I did send an e-mail out to the NRC that we did close out that issue.

Thanks for the call; I will get that out shortly.

**Brian Foster**  
Covanta Indianapolis  
Environmental Manager



Office: 317-378-8726 (new)  
Fax: 317-637-9864  
Cell: 317-225-6357

[www.CovantaHolding.com](http://www.CovantaHolding.com)



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**From:** Foster, Brian  
**Sent:** Monday, August 05, 2013 4:07 PM  
**To:** 'hoo.hoc@nrc.gov'  
**Cc:** Hendricksen, Dan; Miller, Joe; [rmiller@covantaenergy.com](mailto:rmiller@covantaenergy.com); Hall, Robert  
**Subject:** RE: Covanta Indianapolis - Shutter stuck in open position (normal operating position)

The stuck shutter has been freed up and is operating normally as of 1600.

This event is #49235.


No further action is needed and Ronan Engineering's service call has been cancelled.

**Brian Foster**  
Covanta Indianapolis  
Environmental Manager



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**From:** Foster,Brian  
**Sent:** Monday, August 05, 2013 9:00 AM  
**To:** 'hoo.hoc@nrc.gov'  
**Subject:** FW: Covanta Indianapolis - Shutter stuck in open position (normal operating position)


Please see the following e-mail regarding the stuck shutter at the Covanta Indianapolis Facility.

**Brian Foster**  
Covanta Indianapolis  
Environmental Manager



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**From:** Foster,Brian  
**Sent:** Friday, August 02, 2013 5:01 PM  
**To:** 'edward.kulzer@nrc.gov'; 'ccaris@ronanmeasure.com'  
**Cc:** [rmiller@covantaenergy.com](mailto:rmiller@covantaenergy.com); Miller,Joe; Lowes,William; Hendricksen,Dan  
**Subject:** Covanta Indianapolis - Shutter stuck in open position (normal operating position)

Mr. Kulzer,

I'm the Environmental Manager here at the Covanta Indianapolis facility and I'm the back-up RSO here on site.

We have 6 level detectors here on site for our ash dischargers that use a CS-137 source. Our license number is 13-32836-01 (exp 1/31/2022)

I'm contacting you to inform you that we have one of the source holders that has had the shutter door seized in the open position.

We've tried at the facility to free up the shutter in order to close it but are unable to.

I've contacted the manufacturer (Ronan) and will coordinate a technician to come out to look at it.

Here is the pertinent information:

- The source is still secure and not leaking; radiation levels are normal around the device
- The 'Open' position is the normal operating position; we close the shutter during outages
- There is no possibility of exposure to either employees or others; the active beam is not accessible
- I have contacted Craig Caris with Ronan Engineering regarding needed repairs
- The Source Holder is Model GS-400, Serial Number 5134C0 (Located on Unit #1 – 2 discharger)
- The activity is 100mCi and uses a CS-137 source

Please contact me if you have further questions.

Pending further communication, I will notify you when the repairs are complete and the shutter is repaired.

Brian Foster  
Covanta Indianapolis  
Environmental Manager

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

From: Craig Caris [<mailto:ccaris@ronanmeasure.com>]  
Sent: Friday, August 02, 2013 2:38 PM  
To: Foster, Brian  
Subject: GS-400

Brian

You need to contact the NRC and notify them that you have a device with a shutter stuck in the ON position. This is a mandatory report.

They will need your license number

Manufacturer: Ronan Engineering

Model GS-400

Activity 100mCi

Isotope CS-137

S/N ???

Tell them that it is in the normal operating position.

Radiation levels around the device are normal.

There is no access to the active beam.

You have contacted the manufacturer for service.

I have to give the NRC (3) working days notice to schedule someone to be on site to repair or ship the unit back here.

What are your safety requirements (PPE) if I am the one that has to come on site.

Craig Caris - RSO

859-342-8500

cell 859-663-6951