

## **Craffey, Ryan**

---

**From:** Millershaski, Mike <Mike.Millershaski@Michigansugar.com>  
**Sent:** Wednesday, September 11, 2013 10:27 AM  
**To:** Craffey, Ryan  
**Cc:** Gaeth, Neil  
**Subject:** RE: NRC Inspection Report  
**Attachments:** Bay City Sealed Source Shutter Check.xls; MSC Inspection 2013.pdf; Bay City Sealed Source Inventory.xls

**Follow Up Flag:** Follow up  
**Flag Status:** Flagged

Ryan,

The signed Safety Inspection Report and Compliance Inspection is attached.  
I have also attached the revised Shutter and Inventory documents.  
I have already discussed the new documents with Neil Gaeth.  
As a corrective action I will meet with the technicians to explain the new forms and confirm that they understand the requirements of the license before October 1, 2013.  
Additionally I will perform and document the inventory prior to October 1, 2013 using the new form.

I you need additional information let me know.

Thanks,

*Michael Millershaski  
Technical Services Manager  
Ph 989-686-1549 ext 380  
Fx 989-754-7778*

---

**From:** Craffey, Ryan [<mailto:Ryan.Craffey@nrc.gov>]  
**Sent:** Tuesday, September 10, 2013 3:01 PM  
**To:** Millershaski, Mike  
**Subject:** NRC Inspection Report

Good afternoon Mike,

Attached is my inspection report. Please review at your convenience and sign at the bottom of the first page if you agree with my description of the violation and the corrective actions taken, then send me back a scan of the first page with your signature.

Thanks!

**Ryan Craffey**  
Health Physicist  
US Nuclear Regulatory Commission  
Materials Inspection Branch, Region III  
(630) 829-9655



## Radioactive Sealed Source Inventory

Brand	Model	Serial #	Nuclide	Activity	Source Location	Inventory*	Date	Initialed
Berthold	LB7440-F-CR	11724 0274/10	Cs137	30 mCi	Coke Hopper (empty)			
Berthold	LB7440-F-CR	11727 0565/10	Cs137	50mCi	Intermediate Bin			
Berthold	LB7440-F-CR	11722 0215/10	Cs137	350 mCi	Discharge #2			
Berthold	LB7440-F-CR	11708 013/11	Cs137	500 mCi	Kiln Level			
Berthold	LB7440-F-CR	11723 1243/10	Cs137	30 mCi	Kiln Top (charging bin)			
Berthold	LB7440-F-CR	11728 0799/10	Cs137	100 mCi	Stone Hopper (empty)			
Berthold	LB300	1333-4-90	Cs137	30 mCi	G Pan			
Berthold	LB300	871-3-95	Cs137	30 mCi	H Pan			
Berthold	LB300	870-3-95	Cs137	30 mCi	J Pan			
Berthold	LB300	40-1-92	Cs137	30 mCi	K Pan			
Berthold	LB300	576-2-95	Cs137	250 mCi	M Pan #1 Chamber			
Berthold	LB300	575-2-95	Cs137	250 mCi	M Pan #1 Chamber			
Berthold	LB300	574-2-95	Cs137	250 mCi	M Pan #1 Chamber			
Berthold	LB300	573-2-95	Cs137	250 mCi	M Pan #1 Chamber			
KayRay	7062BP	19576	Cs137	100 mCi	Concentrated Juice			
KayRay	7062BP	19577	Cs137	100 mCi	Thick Juice			
KayRay	7062BP	20667	Cs137	100 mCi	Milk of Lime			
KayRay	7062BP	20716	Cs137	50 mCi	Rotoclone			
Berthold	LB7440D	GN751	Cs137	50 mCi	Evap. R1 Discharge Elev. 0'-0" by circ pump			
Berthold	LB7440D	GN750	Cs137	50 mCi	Evap. R2 Discharge Elev. 10'-4" by evap. R3			
Berthold	LB7440D	GR745	Cs137	50 mCi	Evap. R3 Discharge Elev. 32'-3" by evap. R3			
Berthold	LB7440D	GR743	Cs137	50 mCi	Betaine to Storage Elev. 0'-0" by supply tanks			
Berthold	LB300	1042-5-86	Cs137	30 mCi	A Pan (in cage)			
Berthold	LB300	1041-5-86	Cs137	30 mCi	B Pan (in cage)			
Berthold	LB300	1043-5-86	Cs137	30 mCi	C Pan (in cage)			
Berthold	LB300	447-3087	Cs137	30 mCi	D Pan (in cage)			
Berthold	LB300	1330-4-90	Cs137	30 mCi	F Pan (in cage)			
KayRay	7062BP	20715	Cs137	100 mCi	L Pan (in cage)			
*Inventory must be "eyes on" each sealed source every six months								