

**BIG STATE X-RAY, INC.**

P.O. Box 520  
Chickasha, OK 73023  
405.222.0031  
800.242.7470

509 W. Hillmont Rd.  
Odessa, TX 79763  
432.367.8152  
432.333.1185

SEPTEMBER 28, 2007

DEQ  
RADIATION MANAGEMENT  
707 NORTH ROBINSON  
OKLAHOMA CITY, OK 73101

ATTN. MIKE BRODERICK

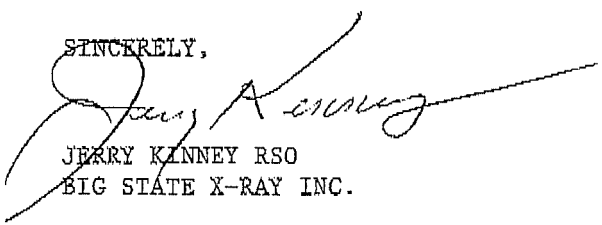
This letter is intended to meet the requirements of 10CFR Part 34 Subpart F 34.101 Notification (2) & (3).

On September 17, 2007 Big State X-ray Inc, Ok license #OK21144-02 had a radiographic crew working at a temporary jobsite at Cement, Ok. They were doing gamma radiography on fabrication at DCP MIDSTREAMS fab shop. They were using an Amersham 660 exposure device serial #2678 with an Industrial Nuclear source serial #56644 model #702 with an activity of 83.8ci. Radiographer Ryan Wasser and assistant radiographer Steven Whitlow reported to me at about 7:30PM that they had retracted the source but still had high radiation levels according to survey meter. I instructed Mr. Wasser to secure the area at 2mr boundary using signs and constant surveillance until my arrival. Upon examination of camera the remote handling cables retrieved the pigtail into the camera and activated the locking mechanism. There were still high radiation levels so I knew the source had become separated from pigtail and was still in collimator. I placed the camera on an angle with the front of camera looking upward. I then used remote handling device to lift up collimator high and the source fell down through guide tube into camera. At this time radiation levels returned to normal. I installed plug into front of camera and shipped camera and source to Industrial Nuclear Co. They removed defective source and replace with a new one.

Due to proper use of survey meters by Ryan Wasser & Steven Whitlow there were no overexposures. Dosimeter reading for this event are, Ryan Wasser 12mr/Steven Whitlow 15mr/Jerry Kinney 70mr

If you should have any questions please contact me at (405)222-0031.

SINCERELY,



JERRY KINNEY RSO  
BIG STATE X-RAY INC.

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FEBRUARY 8, 2007

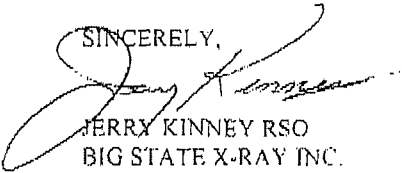
DEQ  
RADIATION MANAGEMENT  
707 NORTH ROBINSON  
OKLAHOMA CITY, OK 73101  
ATTN: MIKE BRODERICK

This letter is intended to meet requirements of 10CFR Part 34 Subpart F 34.101 Notifications (2) & (3).

On January 12th 2007 Big State X-Ray Inc. Oklahoma license #OK-21144-02 had a radiographic crew working at a temporary jobsite at Cyril, Ok. They were doing gamma radiography on fabrication located at Wilson-Flowline. They were using a Amersham 660 exposure device, serial #4719 with an Industrial Nuclear model 702 source, serial #S6320 with an activity of 100.2ci. Radiographer Jeffrey Kinney and asst. radiographer Brandon Allen reported to me at about 9:30AM that they had retracted source but still had high radiation level according to survey meter. I instructed Mr. Kinney to secure actual 2mr boundary with signs and constant surveillance until my arrival. When I arrived area was secure. Upon examination the remote handling cables had retrieved pigtail assembly into camera and automatic lock had activated. There were still high radiation levels present. I contacted Radiation Safety Director Wade Penn and advised of situation. He contacted Industrial Nuclear representative Mr. Bill Riley who referred Mr. Penn to Jerry Tucker who is RSO of Industrial Nuclear Co. Mr. Tucker advised Mr. Penn that the radioactive capsule had possibly come loose from the pigtail. Mr. Tucker also assured Mr. Penn that the radioactive material was still contained in a capsule so it would not contaminate anything. Travel was not possible for anyone from Industrial Nuclear or anyone else due to severe ice storm on this day and following days. Mr Tucker instructed Mr. Penn verbally over the phone on how to resolve this problem and in turn Mr. Penn instructed me on how to secure source. I approached source with a sack of redmix concrete. I placed the sack on top of the collimator and radiation levels dropped. I stacked more concrete sacks on top to reduce the radiation levels to an acceptable reading. With the source shielded I removed the crank assembly from the camera. I then removed the guide tube and positioned the camera with the guide tube end looking up. Then I reattached the guide tube, removed the concrete shielding and picked up the collimator with a remote handling device and the source fell into the camera. I put the shipping plug into the camera and radiation levels were back to normal. I shipped the exposure device with source secured inside to Industrial Nuclear for service. They removed the defective source and installed a new source. There were no overexposures during this equipment failure. Mr. Kinney and his assistant Mr. Allen were using the survey meter correctly and followed emergency procedures which resulted in no excessive radiation exposure. Dosimeter readings for this event showed to be Jeff Kinney 42mr/Brandon Allen 39mr/Jerry Kinney 85mr.

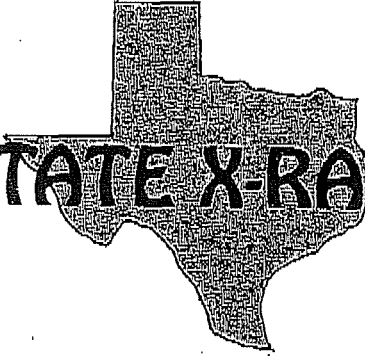
If you should have any questions please feel free to contact me at (405 )222-0031

SINCERELY,



JERRY KINNEY RSO  
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### FAX TRANSMISSION

DATE 12-12-07

FROM Jerry Kinney

COMPANY USNRC

NO. OF PAGES - LEAD + 2

ATTN: Rick Munoz

FAX # 405-222-0181 VOICE # 405-222-0031

MESSAGE: attached are letters to Oklahoma DE&A  
as requested

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