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September 15, 2015:

Director of Federal and State Materials and Environmental Management Programs
U.S. Nuclear Regulatory Commission
Washington, DC 20555-0001

RE: Event Number 51376

Dear Sirs:

This letter is written notification regarding event number 51376. On September 7, 2015, 12:00 noon at the Kuparuk Oilfield on the North Slope of Alaska, after a routine exposure, the lock slide on 880D exposure camera (SN D8125) did not engage automatically and lock the Ir-192 65.8 Ci source (SN 185629) into the shielded position. With the use of a survey meter, the radiographer determined that the source was fully shielded after retraction and manually pushed the lock slide into the lock position. The radiographer notified his radiation safety supervisor and an investigation was made. The source was fully shielded. No overexposure to the RT crew or the public was made. The radiographer involved only received 2 mRem on his direct reading dosimeter for the whole day of the incident. The exposure camera was taken out of service. The camera was inspected, cleaned and tested. After cleaning, the camera automatic locking mechanism was returned to a fully functional condition. All radiographers and assistants are being notified of the incident and instructed to be diligent in preventing dirt from contaminating the lock mechanism. Crews received instruction to notify radiation safety supervisor anytime any substantial dirt contamination of the exposure device is made. At that time the camera will be taken out of service. It will be thoroughly cleaned and tested by the radiation safety supervisor or designee before being allowed to return to service.

Sincerely,

A handwritten signature in blue ink that reads "Patton Pettijohn".

Patton Pettijohn
Radiation Safety Officer
O: 907-770-9421 | C: 907-632-7305
ppettijohn@kakivik.com

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