

LICENSEE EVENT REPORT EVALUATION FORM**EVENT CLASS: EXP - RADIATION EXPOSURES****LICENSEE / REPORTING PARTY INFORMATION:**

Licensee/Reporting party name:	Acuren USA, Inc.		
License number :	42-32443-01		
Docket number :	030-36217		
Licensee's City of record :	LaPort		
Licensees State of record :	Texas		
NRC regulated?	Yes	If so, what Region?	IV
Working under reciprocity?	No		

EVENT INFORMATION:

In what City and State did the event occur?	Prudhoe Bay, Alaska
Event date :	06/22/11
Discovery date :	06/22/11
Report date :	06/23/11
Agreement State reportable?	No
NRC reportable?	Yes
Reporting regulation :	10 CFR 20.1301
NMED Item Number :	ML111920503

ADDITIONAL PARTIES INVOLVED:

Name :	Six individuals Total: 3 radiographers 1 radiographer assistant 2 members of the public
License number :	N/A
City :	N/A
State :	N/A

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CONSULTANT INFORMATION (if any):

Consultant name :	N/A
Company :	N/A
Who hired consultant?	N/A

DEVICE INFORMATION:

Manufacturer :	Sentinel
Model number :	Delta 880
Serial number :	D1391

RADIATION SOURCE INFORMATION:

Isotope :	Iridium-192
Activity :	71.2 curies
Manufacturer :	Global
Model number :	Unknown
Serial number :	71703B

ADDITIONAL INFORMATION REQUIRED IF MEDICAL EXPOSURE:

Procedure administered?	N/A
Dose intended?	N/A
Dose administered?	N/A
Target organ?	N/A

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NARRATIVE EVENT DESCRIPTION:

On June 22, 2011, two radiography crews were conducting radiographic operations at Drill Site #14, Eastern Operating Area, on the north slope of Alaska in Prudhoe Bay. While a radiographic exposure was being conducted, a member of the public removed a radiation sign and entered the restricted area without being observed by the radiographers. Upon observing the individual within the radiation area, the radiographers immediately returned the source to the shielded and locked position. The member of the public was escorted back to outside the boundary/controlled area. Radiographic operations were immediately halted and the site Radiation Safety Officer was contacted. According to the Site Radiation Safety Officer, based on the length of time the member of the public was discovered in the radiation area and on the four radiographer's pocket ionization chamber direct reading dosimeter readings, the member of the public affected received approximately 3.3 milliRem (mRem) deep dose, which is below the annual limit for a member of the public. The regulatory limits for a member of the public are 100 mRem in one year or 2 mRem in any one hour.


CORRECTIVE ACTIONS:

Upon observing the individual inside the controlled area and within the radiation field, the radiographers immediately returned the source to the shielded and locked position. The member of the public was escorted back to outside the boundary/controlled area. In addition, all radiographic operations were immediately halted and the site Radiation Safety Officer was contacted.

Acuren USA retrained radiographers on maintaining surveillance of the restricted/radiation area. Acuren continued formal safety briefings to other contractors and client facilities related to observing postings. Although a routine inspection of Acuren, USA in Alaska was performed on November 8, 2011 (ML11342A026), retraining of radiographers and formal safety briefings to contractors and clients related to posting and controlling restricted areas was not verified. This should be completed on the next site inspection of the Anchorage, Kenai, Prudhoe Bay, Fairbanks, or La Port, Texas.

RECOMMENDED FOLLOWUP:

Was a reactive inspection conducted?	No	If so, inspection report number :	
Is LER recommended for closure?	Yes		
Is this NMED Item Number recommended to reflect "complete"?	Yes		

LER Evaluator: Name: <u>Rick Munoz</u> Date: <u>1/10/2012</u>	Branch Chief or Designee Review: Name:  Date: <u>1/11/2012</u>
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