

INES Event Rating Form

Event Title:	Overexposure to Radiographer
Date of Event:	2015-01-16
Event Location / Facility Name:	Baton Rouge, Louisiana/Acuren Inspection
Event Country:	United States
Type of Event:	Radiation Source

INES Rating:	2
Status of Rating:	Final
Date of Rating:	2015-01-23

Impact on People and Environment		
<i>Release beyond authorized limits?</i>	<input type="checkbox"/>	
<i>Overexposure of a member of the public?</i>	<input type="checkbox"/>	
<i>Overexposure of a worker?</i>	<input checked="" type="checkbox"/>	
Impact on the Radiological Barriers and Controls at Facilities		
<i>Contamination spread within the facility?</i>	<input type="checkbox"/>	
<i>Damage to radiological barriers (incl. fuel damage) within the facility?</i>	<input type="checkbox"/>	
Degradation of Defence In-Depth?	<input type="checkbox"/>	
Person injured physically or casualty?	<input type="checkbox"/>	
Is there a continuing problem?	No	

Event Description¹:

While on location at a temporary jobsite, the licensee radiographer attempted to disconnect the guide tube from the radiography camera, without ensuring the source was in the shielded position. The licensee has confirmed a whole body dose of 64 mSv (6.4 rem) which exceeds the statutory dose limit of 50 mSv (5 rem). The licensee also confirmed a hand dose of 2,060 mSv (206 rem) which exceeds the statutory limit of 500 mSv (50 rem) for extremities. NRC EN50745.

Justification of INES Rating²:

A Level 2 is warranted for exposure of a worker in excess of statutory annual dose limits. See Section 2.3.1 INES User's Manual 2008 Edition (IAEA-INES-2009) http://www-pub.iaea.org/MTCD/publications/PDF/INES-2009_web.pdf

Contact Person for Further Information	
Name:	Patricia Milligan, Office of Nuclear Security and Incident Response
Affiliation/Organization:	U.S. Nuclear Regulatory Commission
Email:	patricia.milligan@nrc.gov
Telephone:	301-415-2223
Organization Website (URL):	www.nrc.gov

Further Info on Web (URL):	Click here to enter text.
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Annexes:

¹ If/when the ERF is published on the IAEA NEWS website, the first 300 characters of the event description will appear on the front page of the website.

² If/when the ERF is published on the IAEA NEWS, the contents of the Justification of the INES Rating field will not appear to users from the general public.

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Title	Category	Description (optional)
Click here to enter text.	Choose an item.	Click here to enter text.
Click here to enter text.	Choose an item.	Click here to enter text.