

INES Event Rating Form (ERF)

Version 1

Sender's Name:	Patricia Milligan
Sender's Organization:	Nuclear Regulatory Commission (NRC) (United States of America)
Event Title:	Overexposure to Radiographer
Event Date:	2013-07-19
Location / Facility:	Amelia, Louisiana/Bayou Inspection Services, Inc.
Event Country:	United States of America
Event Type:	Radiation Source
INES Rating:	2 - Incident (Final)
Rating Date:	2013-09-09

Impact on people and the environment

Release beyond authorized limits?	No
Overexposure of a member of the public?	No
Overexposure of a worker?	Yes

Impact on the radiological barriers and controls at facilities

Contamination spread within the facility?	No
Damage to radiological barriers (incl. fuel damage) within the facility?	No

Degradation of Defence In-Depth?	No
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Other information

Person injured physically or casualty?	No
Is there a continuing problem?	No

Event Description

Due to cumulative exposure, a radiographer has received a 74 mSv (7.1 rem) dose through June 2013, which exceeds the statutory limit of 50 mSv (5 rem) for a radiation worker. NRC EN49330.

Rating Justification

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

Press Release Attached:	No
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Technical Document Attached:	No
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Further Information on Web:	
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