

# INES Event Rating Form (ERF)

Version 1

---

<b>Sender's Name:</b>	Patricia Milligan
<b>Sender's Organization:</b>	Nuclear Regulatory Commission (NRC) (United States of America)
<b>Event Title:</b>	Overexposure to Radiographer
<b>Event Date:</b>	2017-04-28
<b>Location / Facility:</b>	Houston, Texas / Versa Integrity
<b>Event Country:</b>	United States of America
<b>Event Type:</b>	Radiation Source
<b>INES Rating:</b>	2 - Incident (Final)
<b>Rating Date:</b>	2017-06-13

---

## 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

## Other information

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

---

## Event Description

After the performance of an industrial radiography exposure, the licensee radiographer approached the collimator to collect the film without his survey meter. The source was not completely retracted inside the camera. The radiographer dosimeter was processed and a whole body dose of 0.054 Sv (5.39 rem) was reported. The U.S. statutory limit for whole body dose is 0.05 Sv (5 rem). NRC EN52717

---

## 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](http://www-pub.iaea.org/MTCD/publications/PDF/INES-2009_web.pdf)

---

**Press Release Attached:** No

**Technical Document Attached:** No

## Further Information on Web:

---

<b>Contact Person:</b>	Patricia Milligan
<b>Affiliation:</b>	Nuclear Regulatory Commission (NRC)
<b>Email:</b>	Patricia.Milligan@nrc.gov
<b>Telephone:</b>	0013012873739
<b>Organization on Web:</b>	<a href="http://www.nrc.gov">http://www.nrc.gov</a>

---