

Event No.: 45501

Sent Date:

EVENT RATING FORM (ERF)

THE INTERNATIONAL NUCLEAR EVENT SCALE (INES)															
EVENT TITLE Worker Overexposure											EVENT DATE 2009.11.12				
RATING		RATING	OUT OF	DEVIATION	INCIDENT			ACCIDENT			FACILITY TYPE				
PROVISIONAL	<input type="checkbox"/>	DATE	SCALE	0	1	2	3	4	5	6	7	Power Reactor	<input type="checkbox"/>	Research Reactor	<input type="checkbox"/>
FINAL	<input checked="" type="checkbox"/>	2009.12.10	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Radwaste Facility	<input type="checkbox"/>	Radiation Source	<input checked="" type="checkbox"/>
COUNTRY				FACILITY NAME							Irradiation		Transportation		
USA				Owensby & Kritikos							Fuel Fabrication		Fuel Reprocessing		
LOCATION											Research Facility		Mining/Milling		
Alliance, Louisiana, USA											Enrichment Facility		Other		
OFF-SITE IMPACT													YES	NO	
RELEASE BEYOND AUTHORIZED LIMITS													<input type="checkbox"/>	<input checked="" type="checkbox"/>	
OVEREXPOSURE OF MEMBERS OF PUBLIC													<input type="checkbox"/>	<input checked="" type="checkbox"/>	
ON-SITE IMPACT															
CONTAMINATION SPREAD													<input type="checkbox"/>	<input checked="" type="checkbox"/>	
WORKER OVEREXPOSURE													<input checked="" type="checkbox"/>	<input type="checkbox"/>	
DAMAGE TO RADIOLOGICAL BARRIERS													<input type="checkbox"/>	<input checked="" type="checkbox"/>	
DEGRADATION OF DEFENSE IN-DEPTH													<input type="checkbox"/>	<input checked="" type="checkbox"/>	
PERSON INJURED PHYSICALLY OR CASUALTY													<input type="checkbox"/>	<input checked="" type="checkbox"/>	
IS THERE A CONTINUING PROBLEM													<input type="checkbox"/>	<input checked="" type="checkbox"/>	
PRESS RELEASE ISSUED (IF YES, PLEASE ATTACH)													<input type="checkbox"/>	<input checked="" type="checkbox"/>	
EVENT DESCRIPTION															
<p>During industrial radiography operations, a radiographer approached the camera, believing the source to be in the shielded position. The radiographer did not have his survey meter, but was wearing an alarming ratemeter and a pocket dosimeter. The radiographer was attempting to put the safety plug on the end of the camera when he realized the source was not in the shielded position. The radiographer did not contact the Radiation Safety Officer or secure the area, as procedure required, but instead, with the assistance of another radiographer, he put the source back into the shielded position. Both radiographers' personal monitors were sent for emergency processing. One received a whole body dose of 55.7 mSv (5.57 rem) for November, which made his annual dose 67 mSv (6.67 rem). The other radiographer did not exceed the dose limit. The dose limit is 50 mSv (5 rem). Update: this rating is being updated to reflect the fact that the over exposures to the radiographers have been confirmed. There are no other adjustments to this event.</p>															
Rating Justification and Difficulties Encountered (quote relevant user manual paragraphs)															
The provisional rating for this event is Level 2.															
A Level 2 is warranted for exposure of a worker in excess of the statutory annual 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															
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NOTE: This form *should not* be used for sending information to the IAEA about an actual event!
 For this purpose the Nuclear Events Web-based System (<http://www-news.iaea.org>) should be used instead.