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ARRA INFORMATION NOTICE 2014-IN-01: THE NEED TO PERFORM INSPECTIONS OF SHUTTERS ON FIXED AND PORTABLE GAUGES AND REPORT ANY FINDINGS TO THE AGENCY WITHIN 24 HOURS.

ADDRESSES

All licensees who use portable and fixed gauges with shutter mechanisms.

PURPOSE

The Arizona Radiation Regulatory Agency is issuing this information notice (IN) since we have noticed an increased number of gauges with shutters that will not close due to dirt build up or corrosion. This is a reportable event under R12-1-448(B)(2). Failure of the shutter mechanism will result in radiation levels outside of the transport container that will exceed the TI label limit for portable gauges and potential exposure to maintenance personnel with fixed gauges.

DESCRIPTION OF CIRCUMSTANCES

If a malfunctioning shutter is discovered, it should be reported to the Agency under R12-1-448(B)(2) within 24 hours.

DISCUSSION

The Agency requests that shutter mechanisms be checked by the user after each use for portable gauges and during maintenance for fixed gauges to determine if the shutter is closing properly. The Agency reports these malfunctions to the Nuclear Regulatory Commission, Nuclear Material Events Database(NMED), as well as to manufacturers. The licensee should take the gauge out of service until malfunction is corrected for a portable gauge. In the case of a malfunctioning shutter on a fixed gauge it should be tagged appropriately until repaired.

CONCLUSION

If there are any questions or concerns regarding this informational notice, please contact Brian Goretzki at 602-255-4840.