

Non-Agreement State	Event Number: 48356
Rep Org: ARIZONA RADIATION REGULATORY AGENCY Licensee: PHOENIX RAYTHEON MISSILE SYSTEMS Region: 4 City: TUCSON State: AZ County: License #: 10-167 Agreement: Y Docket: NRC Notified By: AUBREY GOODWIN HQ OPS Officer: PETE SNYDER	Notification Date: 09/28/2012 Notification Time: 17:19 [ET] Event Date: 09/19/2012 Event Time: [MST] Last Update Date: 09/28/2012
Emergency Class: NON EMERGENCY 10 CFR Section: AGREEMENT STATE	Person (Organization): NEIL OKEEFE (R4DO) FSME RESOURCE (EMAI)

Event Text

AGREEMENT STATE REPORT - LEAKING SEALED SOURCE

The State of Arizona reported the following via email:

"The Agency was notified on 9/19/2012 that the licensee had wipe test results which indicated that two of the Americium-241 sealed sources they possessed are leaking or contaminated. Each Am-241 sealed source has 3 solid metal foils of Am-241 with an activity of 2.1 mCi for each foil, for a total activity of 6.3 mCi for each source. Sealed source number 004 was never installed in an instrument and was stored in a canister provided by the manufacturer. The failed leak test, which showed 0.022 microCuries of removable contamination, occurred on April 19, 2012, but was not reported to the Agency until September 19, 2012. The second failed leak test occurred on source number 003 on September 19, 2012. It was previously installed in a positive mode ion mobility spectrometer where an engineer viewed signs of corrosion on the source. A subsequent leak test showed 0.92 microCuries of removable contamination. The Agency laboratory confirmed the results.

"The licensee has already sent one source, serial number 004, back to the vendor and is in the process of returning the second source."

Arizona First Notice 12-023