


Metal Management, Inc.

Metal Management Aerospace, Inc.

4 August 03

US Nuclear Regulatory Commission
 Document Control Desk
 Washington, DC 20555

This follow up report has been prepared to inform the NRC of a source with greater than 0.005 microcurie of removable contamination in accordance with 10CFR30.50 (c) (2).

The report was called in to the NRC operations center on July 30, and assigned NRC event number 40036.

(i) Description of the event:

We performed our regular 6-month leak test on June 11, 2003. On July 30, 2003 we were informed that source 942-24 had 0.437 microcuries of removable radioactivity. We immediately took the instrument out of service. We cannot determine the probable cause of this leaking source. The source was manufactured by Isotope Products Labs, Valencia California. The model was an 0102 capsule.

(ii) Exact location of the event:

The event occurred inside of our Kevex model 6700 X-ray fluorescence alloy identification unit on solids sorting line 5 at our facility at 500 Flatbush Avenue, Hartford, CT 06106.

(iii) The Isotopes quantities and chemical and physical form of the licensed material involved:

The material was 20 mCi of Cd-109 in solid form in a sealed annular source.

(iv) Date and Time of the event:

I received the fax showing this leakage at 4:00 PM on July 30.

(v) Corrective actions taken, and the results of any evaluations or assessments

The sorting line was immediately shut down Wednesday afternoon. On Friday, August 1 Radiation Safety Associates, Hebron, CT came in, removed the source and assessed the equipment. All leakage was found to be inside the machine and not in the operator's work area. Radiation Safety Associates decontaminated the inside of the equipment and left with the cleanup materials. The source was packaged for return to Isotope Products Labs facility in Burbank, CA. The source is now en route to Isotope Products Labs.

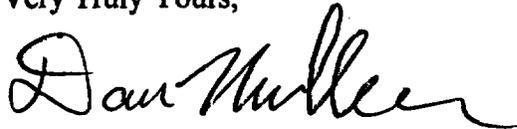
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(vi) The extent of exposure of individuals to radiation or radioactive material

Because all of the leakage was inside the instrument, there was no exposure to any individual from this source.

If you have further questions about this report, you can call me at (860) 550- 7253.

Very Truly Yours,

A handwritten signature in cursive script that reads "Dan Mullen". The signature is written in black ink and is positioned above the printed name.

Dan Mullen

cc: Nuclear Regulatory Commission
Region I
King of Prussia, PA 19406