

Note to File

Licensee: West Virginia University Hospital

License No.: 47-23066-02

Docket No.: 030-20233

Control No.: 577671

In the renewal dated November 27, 2011 West Virginia University Hospital (WVUH) requested the removal of an Americium-241 sealed source, listed in Item 6.O. of Amendment No. 31. This is an Amersham Model Dwg. ARC 10048B and 10040B source with a current activity of 9.5 millicuries. The source was last noted on an inventory dated May 7, 1991 (9.825 millicuries). The current Radiation Safety Officer (RSO) has conducted a thorough search of the facility and the available inventory/disposal records and he is confident that the source is no longer on the WVUH property.

As part of the search, the RSO contacted the former RSO and was told that he believed the source may have been shipped for disposal in the early 1990s. Based on that information staff members of Radiation Safety contacted a number of waste brokers that operated in the late 1990s and early 2000s, as well as their current waste broker, and were not able to confirm that this particular source was part of a waste shipment. WVUH did locate documentation of a large waste shipment in 2002 that contained Am-241. However, the current activity (9.5 mCi) of the Amersham source far exceeded the activity (391 uCi) on the waste manifest, indicating that the Am-241 in the waste shipment was not the Amersham Model Dwg. ARC 10048B and 10040B source.

Based on the information provided, I believe that we cannot definitively conclude that the Amersham Model Dwg. ARC 10048B and 10040B source was disposed of in accordance with 10 CFR 20.2001.

Tara Weidner /RA/

7/13/2012