

July 6, 2021

To: Briana DeBoer
Mail Control No. 624703
U.S. Nuclear Regulatory Commission, Region I
Division of Radiological Safety and Security
2100 Renaissance Boulevard, Suite 100
King of Prussia, PA 19406

From: The New Liberty Hospital
Radiology Department
2525 Glenn Hendren Drive
Liberty, MO 64068

Re: Licensee: Liberty Hospital
Amendment renewal- License # **24-16178-01**
Docket No. 030-10532
Mail Control No. 624703

Ms. DeBoer,

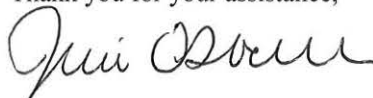
This letter is concerning Liberty Hospital's request for removal of depleted Uranium sources from our License # 24-16178-01.

Liberty Hospital does not have depleted Uranium in its possession. Liberty Hospital has no records of receipt of depleted Uranium from Isotope Products Laboratories (IPL). Isotope Products Laboratories informed Liberty Hospital that the backing and covers of the Cesium-137 sources BC-789 and BC-790, "*do not have any depleted Uranium. The sources are doubly encapsulated stainless steel, with the active element as cesium chloride (Cs-137) in ceramic matrix. The sources are housed in the depleted uranium for radiation shielding purposes. In addition, the depleted uranium is lined with material that seals the depleted uranium in such manner that the sources do not come in direct contact with the shielding.*" Liberty Hospital requested an illustration of the depleted Uranium "housing" from IPL for identification purposes, however the illustration we received does not match the Cs-137 removal tool that we have in our possession.

Although Liberty Hospital has no record of receipt of depleted Uranium or the sources, we believe neither Isotope Products Laboratories nor Liberty Hospital would transfer Cs-137 without proper shielding. The fact that depleted Uranium was used for shielding purposes and not labeled radioactive is at the **root cause** of this situation. Liberty Hospital acknowledges this, and will ensure that appropriate labeling and processes are in place to prevent a situation like this from reoccurring. It is possible that the backing and cover sources were returned with the depleted Uranium as shielding, but our lack of knowledge, prevented us from having proper documentation during shipment.

Liberty Hospital is committed to continuous quality improvement in radiation safety. Please let us know what additional information or actions we must take to resolve this matter.

Thank you for your assistance,



Julie Osbahr
Director of Radiology
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