

**Mo-99 2015 TOPICAL MEETING ON
MOLYBDENUM-99 TECHNOLOGICAL DEVELOPMENT**

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Update on LEU Technelite® Generators

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ABSTRACT

Lantheus Medical Imaging, Inc. added Technelite® (Technetium Tc^{99m}) generator manufactured using Molybdenum-99 (Mo⁹⁹) produced from low-enriched uranium (LEU) to its product portfolio In January 2013. the LEU Technelite® generator is manufactured in a weekly, dedicated manufacturing run. Centers for Medicare and Medicaid Services (CMS) statements and records indicate that hospitals have been filing for and receiving the \$10 add-on payment for non-HEU derived doses that CMS initiated as part of the hospital outpatient prospective payment system (HOPPS) in 2013.

This paper will provide an update regarding supply chain and commercial aspects of LEU Technelite® since the 2014 DOE topical meeting in Washington, including Lantheus' efforts to transition toward an all LEU Mo99 supply chain by the end of 2016, dependent upon IRE's conversion to LEU targets planned for mid-2016.