

**Mo-99 2018 TOPICAL MEETING ON
MOLYBDENUM-99 PRODUCTION TECHNOLOGY DEVELOPMENT**

**SEPTEMBER 23-26, 2018
HILTON KNOXVILLE HOTEL
KNOXVILLE, TENNESSEE**

Lantheus LEU TechneLite® Generator Update

Ira N. Goldman
Senior Director, Global Public Affairs and Government Relations

Lantheus Medical Imaging
331 Treble Cove Road
N. Billerica, MA 01862 USA

LANTHEUS MEDICAL IMAGING BEGAN USING LEU-PRODUCED MO-99 IN TECHNELITE® (TECHNETIUM TC-99M) GENERATOR PRODUCTION IN DECEMBER 2010. WEEKLY PRODUCTION OF THE TECHNELITE® GENERATOR USING MO-99 PRODUCED FROM AT LEAST 95% LOW-ENRICHED URANIUM (LEU) CONTENT BEGAN IN JANUARY 2013. IN 2017, LEU-PRODUCED MO-99 CONSTITUTED MORE THAN 50% OF LANTHEUS'S TOTAL MO-99 SUPPLY.

THIS PAPER WILL PROVIDE AN UPDATE REGARDING LEU TECHNELITE® SINCE THE 2017 DOE TOPICAL MEETING. THE PAPER WILL ALSO DISCUSS THE EXPECTED TRANSITION TO AN ALL-LEU MO-99 SUPPLY CHAIN IN 2019 AND CONTINUING EFFORTS TO DIVERSIFY LANTHEUS' SOURCE OF MO-99.