

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

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**State of Molybdenum-99 Production and Utilization and Progress
toward Eliminating Use of Highly Enriched Uranium**

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ABSTRACT

Congress has requested an independent assessment from the Academies on the state of molybdenum-99 production and utilization and progress toward eliminating use of highly enriched uranium. The study has the following five tasks:

1. A list of facilities that produce molybdenum-99 for medical use.
2. A review of international production of molybdenum-99 over the previous 5 years.
3. An assessment of progress made in the previous 5 years toward establishing domestic production of molybdenum-99.
4. The adequacy of molybdenum-99 supplies to meet future domestic medical needs.
5. An assessment of the progress made by the Department of Energy and others to eliminate worldwide use of highly enriched uranium in reactor targets and medical isotope production facilities.

The report from this study will be issued in June, 2016.