

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

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**Y-12 National Security Complex Activities in Support of Mo99: FY18
Update**

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ABSTRACT

The Y-12 National Security Complex (Y-12 NSC) provides technical support to the National Nuclear Security Administration (NNSA) Office of Material Minimization and Management (M³) Office of Conversion Molybdenum-99 (Mo-99) Program. Y-12's capabilities and experience (i.e. core competencies) center on the uranium production cycle, specifically uranium metalworking and uranium oxide production. Y-12 provides the technical expertise and support for development and prototyping activities needed to transfer technology to the commercial industry. Additionally, achieving higher manufacturing readiness levels (MRL's) will help integrate the supply chain quicker and ensure multiple target sources for continuity of the supply chain, which invariably experiences delays and outages. This presentation will focus on the fiscal year efforts and status of Y-12 activities.