

**Mo-99 2016 TOPICAL MEETING ON  
MOLYBDENUM-99 TECHNOLOGICAL DEVELOPMENT**

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**THE RITZ-CARLTON**

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**Promises, Promises: HEU Minimization in Mo-99 Production and the  
Nuclear Security Summits**

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**ABSTRACT**

At the Nuclear Security Summits of 2012, 2014 and 2016, several countries with critical roles in the Mo-99 supply chain made important commitments to convert from the use of highly enriched uranium in the production process. This paper will examine the commitments, the success of various countries in meeting them, and provide recommendations on steps that should be taken to have countries meet these pledges and end the use of HEU in Mo-99 production