

**Senate Standing Committee on Economics**  
**ANSWERS TO QUESTIONS ON NOTICE**  
Innovation, Industry, Science and Research Portfolio  
Budget Estimates Hearing 2010-11  
31 May 2010

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**AGENCY/DEPARTMENT:** AUSTRALIAN NUCLEAR SCIENCE AND TECHNOLOGY ORGANISATION

**TOPIC:** Molybdenum-99 production technologies

**REFERENCE:** Written Question-Senator Ludlam

**QUESTION No. :** BI-151

Will ANSTO table the paper referred to in Senate Estimates in June 2009 on the short-, medium- and long-term implications of the potential for developing Moly-99 by non-reactor accelerator based techniques within a seven to ten year time frame?

**ANSWER**

Shortly after the June 2009 Senate Estimates hearing,, ANSTO became aware that the OECD Nuclear Energy Agency was planning to write a state-of-the-art report on technologies for producing molybdenum-99 / technetium-99m. The report will tap into expertise from around the world regarding various technologies, including the postulated alternative technologies to fission production. Given that, ANSTO decided to await the publication of that report before deciding whether they needed to undertake any further work of their own. ANSTO will provide the Committee with a copy of the OECD report to the Committee as soon as it is available.