

## TOPIC 7 – EXPANSION OF EXPLORATION AND MINING

Wednesday 14 October 2015

Conference Room, Nuclear Fuel Cycle Royal Commission  
Level 5, 50 Grenfell Street, Adelaide SA 5000

### Dr Andrea Marsland-Smith, Heathgate Resources Pty Ltd (9.30am)

Heathgate Resources owns and operates the Beverley and Beverley North uranium mines which are located approximately 520km north of Adelaide in South Australia. Beverley, which commenced production in late 2000, is Australia's first commercial in-situ recovery mine. Uranium mining activities at both Beverley and Beverley North were suspended in early 2014 and the mines are currently in standby. Dr Andrea Marsland-Smith is a geologist with 23 years minerals industry experience with both Australian and international companies. The last 13 years of her career have been focused in the uranium exploration and mining sector and she has held a variety of senior geological and management roles. In 2008, she was awarded the AMEC Prospector of the Year for the discovery of the Four Mile uranium deposit. Currently, she is the Manager of Regulatory and Compliance and directs Heathgate Resources' State and Federal Government relations and regulatory approvals.

#### Topics to be addressed at this public session:

- ⊕ The circumstances that would make it viable for Heathgate Resources to expand its involvement in exploration and mining in South Australia
- ⊕ The environmental risks that arise from extracting uranium using the in-situ recovery technique and the practical measures to manage those risks

### Mr Keith Baldry, Mr Daniel Bellifemine and Ms Gabrielle Wigley, Environmental Protection Authority (11:15am)

The Environment Protection Authority (EPA) is the independent environment protection regulator in South Australia. In addition to administering legislation concerned with environment protection and community safety, it provides advice on environmental management practices to both industry and the government. Since joining the EPA in 2004, Keith Baldry has held a number of directorial roles and is currently the Director of Mining Radiation and Regulatory Services. Daniel Bellifemine has worked for the EPA for 12 years and is the Team Leader in Mining and Environment. Mr Bellifemine is experienced in the regulation of uranium mining and other areas of radiation protection. Gabrielle Wigley is a Senior Hydrogeologist and specialises in assessments of groundwater contamination, both during the life of a mine and post closure.

#### Topics to be addressed at this public session:

- ⊕ The involvement of the EPA in managing and monitoring the environmental risks that are associated with in-situ recovery and tailings during mining operations and after decommissioning of mine sites.

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## Ms Jacqui McGill, BHP Billiton Ltd (2pm)

BHP Billiton is a global resources company which produces a number of commodities, including iron ore, metallurgical coal, copper and uranium. Since taking over Western Mining Corporation in 2005, BHP Billiton has owned and operated the Olympic Dam mine in South Australia. Olympic Dam is a large poly-metallic underground mine located approximately 550 km NNW of Adelaide. It is the fourth largest copper deposit and the largest known single deposit of uranium in the world. Jacqui McGill is an experienced resource professional with a broad portfolio of operational experience in the resource sector including iron ore, coal, base metals and uranium. She is currently the Asset President at Olympic Dam.

### Topics to be addressed at this public session:

- ⊕ The circumstances that would make it viable for BHP Billiton to expand its involvement in exploration and mining in South Australia.
- ⊕ The environmental risks that arise from tailings and the practical measures to manage those risks.