

A Commercial Perspective on the Front End of the Nuclear Fuel Cycle



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Abstract: The commercial side of the front end of the nuclear fuel cycle is unique in many regards, from its limited scope of suppliers and customers, to its unique behavior as a market. As a supplier of UF₆ and UF₆ conversion services, ConverDyn is uniquely situated in the center of the nuclear fuel cycle and engages with nearly all of the markets stakeholders. This presentation will spend time reviewing the process by which a nuclear utility purchases fuel for their reactors, discussion of the logistics and nuances of the individual marketplaces, a review of ConverDyn's business, a technical discussion of the conversion process, as well as the particular issues that face both conversion and UF₆ as well as the

Biographies:

Malcolm Critchley is President and CEO of ConverDyn, the joint venture partnership between General Atomics and Honeywell's Metropolis, Illinois facility.

He has over 30 years of engineering and commercial experience gained across a wide range of disciplines within the front end nuclear fuel cycle. Prior to joining ConverDyn, Malcolm was Head of Purchasing and Sales for Uranium Asset Management Ltd., with responsibility for purchasing the components of nuclear fuel for the British Energy fleet of reactors in the U.K. and the provision of uranium to the Westinghouse fabrication facilities in the U.S., Sweden and U.K.

Malcolm holds a degree in mechanical and production engineering and is certified as a Chartered Engineer by the U.K. Institute of Mechanical Engineers. He is also a Six Sigma Black Belt.

Nikko Collida serves as Business Development Manager at ConverDyn, the joint venture partnership between General Atomics and Honeywell International.

With ConverDyn, Nikko is responsible for new business development for conversion and UF₆ customers in the United States and Europe, and also takes a leading role in the procurement of U₃O₈ for use in UF₆ sales. Prior to joining the company in January 2013, Nikko held positions with Newmont Mining Corporation and Ponderosa Advisors, gaining experience with finance and valuation in the mining and energy sectors. He also spent time as a Legislative Intern with the Colorado House of Representatives aiding in energy policy decision making. Since joining ConverDyn, Nikko has focused on improvement of the company's market intelligence and outlook through market modeling and analysis.

Nikko has a BSc in Economics from Saint Louis University and an MSc in Mineral and Energy Economics from the Colorado School of Mines.