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Schnitzler's past space nuclear power and propulsion activities have included serving as the INL Technical Lead in evaluation of crew radiation doses from space nuclear propulsion and power systems (NASA Glenn Research Center Contract); serving as the INL Technical Lead in evaluation of a nuclear fission fragment rocket engine (NASA Jet Propulsion Laboratory Contract); and serving as Project Manager for Pu-238 Production Testing in the INL's Advanced Test Reactor.

He also has worked on space nuclear design and analysis activities including a Low Pressure Nuclear Thermal Rocket engine, a Nuclear-Heated Steam Rocket Using Lunar Ice, analysis of nuclear ramjets for planetary atmospheres, and gaseous core reactors for deep space missions.

Mr. Schnitzler received both his B.S. in Aerospace Engineering (1969) and M.S. in Nuclear Engineering (1974) from the University of Florida.