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Following Chandra, Arenberg worked on a number of high-energy chemical and solid state laser programs, including the Space-Based Laser program, where he was the resonator and diagnostics lead, and the Airborne Laser, where he contributed to the development of the alignment units that allow for resonator alignment in a flying flexible aircraft. He returned to space science to work on business and concept development on TRW’s concepts for TPF-C, Constellation-X, SAFIR, and the starshade, among other missions. His other work experience includes other optical and space systems, as well as a wide variety of technology development. He is a member of the US National and International (ISO) committees charged with writing standards for laser and electro-optical systems and components, and is the project leader for the revision of the standard for the measurement of laser-induced damage.

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