



SOTERIA CO LLC



BRIAN KEITH

Senior Safety and Assurance Specialist

60 Years of Experience

Education

Brian holds a B.Sc. in Mathematics, Physics, and Chemistry, with additional specialized training in system effectiveness related to air/ground communications and airport systems. His background includes coursework in transmission engineering principles through a Bell Canada program, as well as statistics studies and Carleton University in Ottawa, Canada.

Summary of Abilities

Brian has 60 years of experience in systems assurance and over 35 years of experience in the transit industry, with 13 years of experience with Soteria. Brian's industry experience includes a focus on communications, aerospace, and transit.

Areas of Expertise

- System Assurance (Reliability & Maintainability) analyses
- FMECA
- Safety and reliability studies and for producing RAMS sections for specifications
- RAMS program planning and reliability and maintainability demonstration plans
- Safety
- Planning Programs
- Estimating
- Designing System Assurance Databases
- Maintenance Facility Planning

Selected Current & Recent Projects

- LAX Automatic People Mover Project, Los Angeles, CA – Brian is providing threat and vulnerability assessment (TVA), hazard analysis, and safety verification analysis support. He developed the hazard management database and will maintain it throughout the project duration.
- Sound Transit Northgate and East Link Extension System, Lynnwood Link Extension, and Federal Way Link Extension Projects, Seattle,

WA – Brian is providing a combination of System Assurance analysis and safety verification support in the areas of Reliability Analyses, Maintainability Analyses, Reliability Demonstration Plans, Preventive Maintenance Plans, and FMECAs.

- LACTMA Division 20 Portal Widening Turnback Project, Los Angeles, CA – Brian is providing System Assurance analysis and safety verification support in the areas of Reliability, Maintainability, Preventive Maintenance Plans, and FMECA.

Employment

- Parsons, Los Angeles, CA
- Deliner Couplers, Charlotte, NC
- Bombardier, Kinston, Ontario, Canada

