



**WILLIAM A. MATHER**  
**Vice President / Director of Process Safety**  
**Senior Principal Consultant**

B.S., Hons in Mechanical Engineering, University of Salford, UK  
MBA, Henley Management College, UK

**Areas of Practice**

As a senior principal consultant and Director of Process Safety for BakerRisk, Mr. Mather has provided a wide variety of process safety and risk engineering services to oil, gas, chemical, and petrochemical companies around the world. Based in the BakerRisk Houston office, his recent projects have included risk management services for LNG liquefaction facilities and regasification terminals; liquid and gas transportation pipeline systems; offshore well and processing platforms, FPSO's; siting studies for refineries and chemical plants, and QRA's for major oil and gas operations worldwide.

**Experience**

- As a Loss Prevention Specialist at Saudi Arabian Oil Company, Mr. Mather provided Loss Prevention Engineering services for a wide variety of oil and gas industry applications throughout the Company's operations, including wellhead operations, oil and gas processing, refining, pipelines, marine terminals and offshore activities. Primary duties included both managing and performing risk analysis studies focusing on business interruption, plant damage, population and environmental risks.
- As a Loss Prevention Engineer, Mr. Mather was responsible for analyzing Safety Instrumented Systems on high pressure gas wellheads and refineries; studying the vulnerability of Saudi Aramco to natural, intentional, and industrial types of incidents; analyzing marine terminal and offshore risks; and conducting design reviews, plant layout and building siting studies. He presented most study results to senior management to identify existing versus mitigated risks and whether or not risk reduction projects were cost effective. He has participated in numerous committees, including pipeline leak detection, risk based inspection and pipeline risk analysis for maintenance and inspection decisions.
- While a Safety Engineer and Manager with British Nuclear Fuels, plc., he also reviewed and analyzed the reliability and integrity of mechanical designs used in the handling and processing of nuclear fuels. Fault Tree Analysis was used extensively to determine event failure rates. Prior to working as a safety engineer, Mr. Mather spent four years hands-on training as a design engineer.

**Professional Chronology**

British Nuclear Fuels, plc. (Design Engineer), 1979-1987; British Nuclear Fuels, plc. (Safety Manager), 1987-1990; Saudi Arabian Oil Company (Loss Prevention Specialist), 1990-2001; Baker Engineering and Risk Consultants, Inc. (Senior Consultant, 2001-2003; Senior Principal Consultant, 2003-2012; Director of Process Safety, 2013-Present).

**Professional Memberships**

Fellow, The Institution of Occupational Safety and Health (UK)