

Biographical Sketch - Barry R. Brooks, PE

Education:

Mr. Brooks received his Bachelor of Science degree from California Polytechnic State University in 1972 in Mechanical Engineering. Mr. Brooks focused his education specifically around heating, ventilating, air conditioning and refrigeration because of a program offered by Cal Poly at that time. The curriculum placed an emphasis on vapor-compression system design and facilities consulting. Between 1964 and 1970 Mr. Brooks was in the US Navy having attended nuclear power training. Mr. Brooks navy experience introduced him to hands on operation of power plant and air conditioning systems. Mr. Brooks attended junior college prior to joining the navy after high school. Mr. Brooks applied for acceptance and subsequently received his ME professional engineering license in Idaho in 1978.

Positions held:

1998 – Current: Mr. Brooks has been engaged in the development and market acceptance of indirect evaporative cooling technology. His company – Indirect Evaporative Technology Company (IETC) located in Placerville, CA incorporated in 2006. Mr. Brooks is putting to use 40 years of engineering, product development, and marketing skills in the development of high efficiency evaporative and ventilation processes.

1994 – 1998: Mr. Brooks was Vice President of Marketing and Project Manager for Process Technologies in Boise, Idaho. This company's president had developed a promising technology to non-thermally destroy halogenated hydrocarbons using very low wavelength ultra violet light. Mr. Brooks secured contracts with Hill Air Force Base and McClellan Air Force Base to demonstrate the use of this non-thermal technology. Mr. Brooks also operated the field equipment while participating in the technology development.

1992 – 1994: Mr. Brooks contracted to the DOE through EG&G (Idaho) to support spin off businesses from the INL particularly in the environmental area to meet the DOE goals of taking non-nuclear and non-defense technology from the INL and other facilities operated by EG&G in an effort to find private sector applications.

1990 – 1992: Mr. Brooks was a Technology Transfer Specialist for the Office of Research and Technology Applications at the Idaho National Laboratory. Worked on CRADAs and similar technology transfer vehicles to bring the public sector non nuclear and non defense related technologies to businesses financially able to further develop and market these technologies.

1980 -1990: Mr. Brooks was the marketing director for a nuclear consulting firm in Idaho Falls, Idaho. Developed business in the eastern US. EI was in the business of providing software, software engineering, and safety related services to the US nuclear and fossil utility industry.

1978 – 1980: Sales engineer of high quality fluid related products. Sold to accounts in the nuclear, mining, paper, water treatment, and agriculture industry.

1974 – 1978: Project engineer at Lawrence Livermore National Laboratory and the Idaho National Laboratory working on ventilation and HEPA filtering systems at nuclear test facilities.

Patents:

Mr. Brooks writes patents applications and then works closely with IP attorneys to prosecute applications. He was the principle discoverer and developer of US patent # 6,523,604.