INNOVATING NUCLEAR TECHNOLOGY

ANALYSIS AND MEASUREMENT SERVICES CORPORATION

MEHRAD HASHEMIAN

Field Testing Manager

As Field Testing Manager at AMS and the company's most senior field test engineer, **MEHRAD HASHEMIAN** has performed over a thousand independent in-plant tests in nuclear power plants around the world. He provides AMS equipment training courses at nuclear facilities and is very active in R&D projects, analysis of R&D data, laboratory testing activities, AMS public relations, and product marketing.

Since joining AMS in 1982, Mr. Hashemian has served the company in providing AMS equipment training courses at nuclear facilities and is very active in research and development (R&D) projects, analysis of R&D data, and laboratory testing activities. With respect to implementation of wireless technology, he has performed numerous plant walkdowns to identify vulnerable equipment, characterized the electromagnetic environment within nuclear power plants, including the control room, and identified equipment which should be further investigated for immunity to wireless signals.

Mr. Hashemian's accomplishments include development of a system that generates random process fluctuations for in-situ response time testing of flow, level and pressure sensors that are not exposed to active process changes. This equipment is used at a number of nuclear power plants for response time measurement of containment pressure and tank level transmitters. These measurements are required by technical specifications of nuclear power plants.

Mr. Hashemian has co-authored numerous research papers and NUREG/CR reports for the U.S. Nuclear Regulatory Commission (NRC). Among Mr. Hashemian's accomplishments is the development of an in-situ testing system that is used at numerous nuclear power plants to measure response time for containment pressure and tank level transmitters. Mr. Hashemian has a M.S. degree in chemical engineering from the University of Louisiana at Lafayette.