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INNOVATING NUCLEAR TECHNOLOGY
ANALYSIS AND MEASUREMENT SERVICES CORPORATION

GREG W. MORTON

Chief Technical Officer



As the company's Chief Technical Officer and Software Development Manager, **GREG W. MORTON** oversees the Systems Development group at AMS, responsible for all software development activities in the company, and supervising an extensive team of engineers, software developers, and support personnel. Since joining AMS in 1995 he has directed many of the firm's technical activities in the area of instrument performance monitoring and online diagnostics.

A Certified LabVIEW Architect, Mr. Morton has been instrumental in the innovation of several technologies at AMS, which have led to 6 awarded U.S. patents, and he is the author and co-author of numerous technical reports and national industry publications. Mr. Morton has been responsible for managing the development of software products, including software quality assurance protocol, for projects exceeding millions of dollars in commercial revenue.

Mr. Morton has been instrumental in the innovation of several technologies at AMS that have led to several patents, journal articles, magazine articles, technical reports, and national publications. He has been the principal investigator for several DOE projects including, "Advanced Techniques for On-Line Condition Monitoring and Diagnostics of Digital Rod Position Indication Systems for Existing and Next Generation Nuclear Power Plants"; "Integrated System for Management of Cable Aging in Nuclear Power Plants"; and "Quantitative Methods for Reliability and Fault Tolerance Testing of Digital Instrumentation and Control." These projects focused on developing test equipment to monitor and diagnose nuclear power plant systems for surveillance testing or continuous On-Line Monitoring applications.