

BAE SYSTEMS

DU PONT

**VCU Energy & Sustainability
Conference**

Breakout Session:
Manufacturing Track

January 31, 2013

Mark Gleva

Spruance Site Energy Champion, DuPont



Mark joined DuPont in 2009 after receiving his BSME (Penn State) and MSME (Georgia Tech). He has worked as the Site Energy Champion at the DuPont Spruance Plant for the past 10 months, coordinating the site energy team in delivering over \$650K in variable energy savings. This contribution was achieved by developing front-end assessments, managing capital projects, and initiating site-wide efforts to upgrade/improve technology. Mark has completed several training programs, including Industrial Energy Auditor, Powerhouse Operator Certification, Six Sigma Green Belt, Ultrasonic Diagnostics, York Industrial Refrigeration School, DoE Steam System Assessments, AiChE Distillation and Separation, Process Hazard Analysis, and Root Cause Failure Analysis.

Sean Delehanty

ES Sustainability Manager, BAE SYSTEMS



Sean has an extensive background in Manufacturing Engineering and is now the Sustainability Manager for BAE Systems Energy Management operating group wide, Sustainability Initiative. Always interested in cost reduction and conservation, Sean has streamlined numerous processes and contributed many energy conserving and other “green” ideas at BAE Systems.

Sean is responsible for sustainability in over 6.5 million square feet of buildings. His team has driven the legacy ES sector wide Sustainability Initiative to reduce utility costs by over 11% and carbon emissions by 14%. This contributes to the Triple Bottom Line: Economic, Environment & Social. One of the most significant aspects of BAE Systems’ Sustainability Initiative is engaging all personnel from the top floor to the shop floor to contribute in all conservation efforts.

Sean is an active member of numerous organizations including International Facilities Management Association (IFMA) where he participates on both a local and national level. He is an IFMA Sustainability Facility Professional and holds his IFMA instructors rating.

Bill Bailey

Engineering Fellow, DuPont



Bill joined DuPont in 1978 after receiving a BS in Mechanical Engineering from Virginia Tech. He is currently an Engineering Fellow in DuPont's Energy Engineering Group and has over 30 years of experience in the industrial energy field. Bill led the development and implementation of DuPont's corporate energy efficiency improvement initiative which has reduced year-over-year energy consumption by 20% and saved DuPont over \$230 million since 2008. Bill also leads DuPont's Energy Center of Competency which leverages the Company's world-class technical expertise to help plants identify and eliminate defects in energy-using systems. He works out of DuPont's Southeast Regional Office in Charlotte.

Richmond Plant Energy Team Members, DuPont

Josh Lucas



Josh (BSCE Virginia Tech) has worked at the Spruance Plant for 2.5 years and is currently the Kevlar® Six Sigma representative on the Site Energy Team. He spent 14 months as a co-op working in Kevlar® process research and ballistics testing/research. Josh's current role includes working on continuous improvement projects for Kevlar® and co-chairing the Spruance Environmental Team.

Tyler Seekins



Tyler (BSCE Univ. of Maine) has worked at the Spruance Plant for 2.5 years and is currently the Tyvek® Six Sigma representative on the Site Energy Team. He was recognized with the University of Maine College of Engineering Hovey Award for excellence in chemical engineering. Tyler's role includes work on continuous improvement projects in the Tyvek® area.

Travis Spangler



Travis (BSME Virginia Tech) has worked at the Spruance Plant for 2.5 years and is currently the Nomex® Six Sigma representative on the Site Energy Team. He completed his VMA Energy Auditor Training last January, with the primary project being on the Tyvek® steam station. Travis's role includes work on continuous improvement projects in the Nomex® area.