



Darlene Murdoch

*Senior Vice President, Pit Production Operations and Programs
Savannah River Nuclear Solutions, LLC*

EDUCATION

*Illinois Institute of Technology
Bachelor of Science, Chemical Engineering*

EXPERIENCE

Darlene Murdoch is Senior Vice President of National Nuclear Security Administration (NNSA) Pit Production Operations and Programs for Savannah River Nuclear Solutions (SRNS) at the Savannah River Site (SRS) in Aiken, South Carolina. She is responsible for establishing the enduring Plutonium pit production program and future operations organization.

Murdoch has more than 40 years of experience in nuclear operations at SRS, with responsibilities in engineering, operations and line management of radioactive chemical and waste processing facilities; startup and restart of major processing facilities including a reactor startup; and various aspects of project management, including schedule discipline, cost, strategic planning, readiness and continuous improvement. She most recently served as Director of Operational Excellence and Quality Assurance. In this role, she was responsible for SRNS Quality Assurance, including Contractor Assurance programs and Operational Standards for Nuclear Facilities, Independent Oversight, Site Training and Procedures.

During her career, she has served as Director and Project Manager for Analytical Laboratories, where she was responsible for the overall safe operation of multiple SRS nuclear and environmental laboratories. Previously, she was the Director of F Area Operations, which included F Canyon, FB Line, F/H Lab and 235-F. She was directly responsible for the consolidation of three control rooms in different facilities into one control room with remote monitoring. Additionally, she was responsible for safety basis upgrades and project activities for the startup of transuranic waste repackaging during American Recovery and Reinvestment Act operations. Murdoch also was the Area Operations Manager of the SRS Defense Waste Processing Facility during the first melter changeout.

She also implemented the Human Performance Improvement program at SRS, served as the Technical Support Coordinator for SRS Emergency Response for more than 15 years and has co-authored five publications on reactor safety systems. She is currently Chair of the Energy Facility Contractors Group Contractor Assurance System Working Group.

Murdoch is a graduate of the Institute of Nuclear Power Operators (INPO) certificate program for Senior Nuclear Plant Management Course.

She has served as President of the Board of Directors for The Children's Place, Inc., in Aiken, S.C., since 2018.