

Carl Beard, Ph.D.

Production Operations Director

Carl Beard serves as the Production Operations director for PanTeXas Deterrence, LLC, the management and operating contractor of the Pantex Plant in Amarillo, Texas. He returned to Pantex in 2024.

In this role, Beard is responsible for the safe, secure, and compliant delivery of all production activities at the plant.

Prior to working at Pantex, Beard served as chief operation officer for Los Alamos Technical Associates. In this role, worked closely with the leadership team to manage the overall strategy and execution. Additionally, he coached and developed the organization to ensure LATA delivered performance excellence. Beard determined methods to improve quality, efficiency, productivity, and reduce cost. He also led initiatives to provide continued growth within the organization.

Beard also worked for Architecture, Engineering, Construction, Operations and Management. Within AECOM, he served as vice president for Management Services Nuclear and Environment Group in which he supported projects at sites involving nuclear operations and environmental remediation. He also worked for BWXT, serving as associate director for Plutonium Science and Manufacturing at LANL. There he oversaw re-establishment of the U.S. pit manufacturing capability and delivery of the first new pit to the stockpile in nearly 20 years. Additionally, during his first time working at Pantex, he served in two roles: as Engineering division manager responsible for all engineering at the plant, and as the Applied Technology division manager responsible for all high explosive operations.

Beard earned a Bachelor of Science, Master of Science, and Doctor of Philosophy, all in Nuclear Engineering from Texas A&M University.

He has authored over 80 technical publications, and has twice been awarded the U.S. Defense Programs Award of Excellence.

