"Cyber Security Procurement Requirements"

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Biography

Marc Tannenbaum is a project manager at the Electric Power Research Institute (EPRI) responsible for EPRI's Joint Utility Task Group on procurement engineering as well as technical procurement-related projects addressing issues such as obsolescence, quality of procured items, counterfeiting, and commercial grade item dedication. Mr. Tannenbaum is a member of the ASME NQA-1 Engineering and Procurement Processes Subcommittee, the Nuclear Supply Chain Strategic Leadership (NSCSL) Executive Committee, and the Nuclear Utility Obsolescence Group (NUOG) Steering Committee.

Abstract

Electric utility personnel do not have standard cyber security procurement requirements to use when specifying plant digital systems, resulting in either delayed modifications or extensive rework of purchased systems to meet cyber-security commitments. Delaying digital deployment will lessen grid reliability, as aging analog circuit boards and control relays are one of the leading causes of plant trips. EPRI, working with utility and control system vendor personnel, will develop procurement specification methods and procedure templates for typical electric utility control system cyber security requirements. This presentation will give an overview of the project phases, overall project status, and a summary of the methodology developed in 2011 that can be followed when developing procurement specification language for critical digital assets.