

Statement of Work
Boiler Control System Repair and Upgrade, Building Z-312,
Naval Station, Norfolk, Virginia

An upgrade is required to the control systems for the boilers and demineralizer at Building Z-312, which is currently being maintained by ABB Inc. under contract number N00189-09-P-0044. Specifically, a migration from the current version of Process Portal B Consoles to the latest version of Process Portal A Consoles on the Infi90/Harmony equipment located at Building Z-312 is required to increase interface compatibility. The current control system was installed in 1995 and includes man-to-machine interfaces (operator consoles). The upgrade, called a PPB to PPA Console Upgrade, will be performed by ABB Inc. Using new equipment, ABB will upgrade the man-to-machine interfaces to match the existing Distributive Controls System (DCS). In order to maintain compatibility, OperateIT man-to-machine will interface with the other locations (excluding the Groton CT site) and will be added to NAVFAC's Thermal Commodity Optimization Network (TCON). Without the upgrade, a system failure at Building Z-312 will render the boilers incapacitated. NAVFAC will not be able to run the boilers and will not be to provide steam to the shops and the Naval Station Norfolk complex.