

Nuclear Experience & Background



Plant Engineering, Testing & Inspections	Mechanical	Electrical	Licensing, Specifications & Standards
<ul style="list-style-type: none"> • In-service inspection of Steam Generators • In-service testing of Valves & Pumps • Thimble tube testing (eddy current) • RCCA testing (eddy current and UT) • Fuel testing (sipping and UT) • Reliability Center Maintenance Program • Reverse osmosis: water treatment; Neutralization System; Sodium Hypochlorite • Spent fuel dry cask storage 	<ul style="list-style-type: none"> • HVAC • Piping & Valves sizing and selection • Piping stress analysis • Pumps: chilled water, ESW, CCW • SRP power plant design • High energy line break analysis • Retro-fit work 	<ul style="list-style-type: none"> • Controls • MCC Calculations • Breaker Coordination • Instrumentation upgrade: Reg. Guide 1.97 • Equipment qualification • Reactor Protection & Control System • Train and channel separation • Nuclear Engineering Power Committee (NEPC): IEEE • Control room human factors review and modifications to meet NUREG 0700 	<ul style="list-style-type: none"> • Licensing Support & Safety Analysis • 50.59 Reviews • FSAR • NRC Bulletins • IN Reviews • Technical Specifications • Environmental Qualifications • 1E – Electrical Specifications • SQUG Training – Seismic Qualification Utility Group • Appendix R – Fire Recovery, HVAC