

Nuclear Experience & Background



ELECTRICAL (over 6000 man-hours)

- Project lead, electrical controls engineering and design for the relay control cabinet for the east auxiliary building crane
- Project lead, electrical engineering and design for the outage power distribution system
- Project lead, electrical engineering and design for a 13.8 kV to 480 V transformer
- Project lead, review and verify engineering, power feed to warehouse maintenance shop
- Project consultant for load shed breaker cable evaluation
- Project lead, electrical engineering, and post-installation testing of plant telephone systems (internal and external)
- Project lead, electrical controls engineering, and post-installation testing of radio controls for auxiliary building east and west cranes

MECHANICAL (over 2200 man-hours)

- Project lead, mechanical engineer for steam generator dog-house HVAC replacement, including field walk-downs
- Project consultant for control room chiller issues. Reviewed issues and data, and provided recommendations
- Seismic qualification of HVAC and HVAC piping for safe shutdown consideration
- Project lead, mechanical engineer for fire protection pump-house redesign
 - Changed open loop to closed loop, Added storage tanks, Added electric pump and diesel pump
- Valve engineering – walkdowns, assessments, MOVs, AOVs, RVs.
- Pipe stress analysis

STRUCTURAL

- Varo is currently looking to place engineers with nuclear-specific pipe stress analysis, and pipe support analysis experience.

PROJECT CONTROLS

- Varo is providing full time, ongoing project cost control support for several projects totaling \$2.5 million.