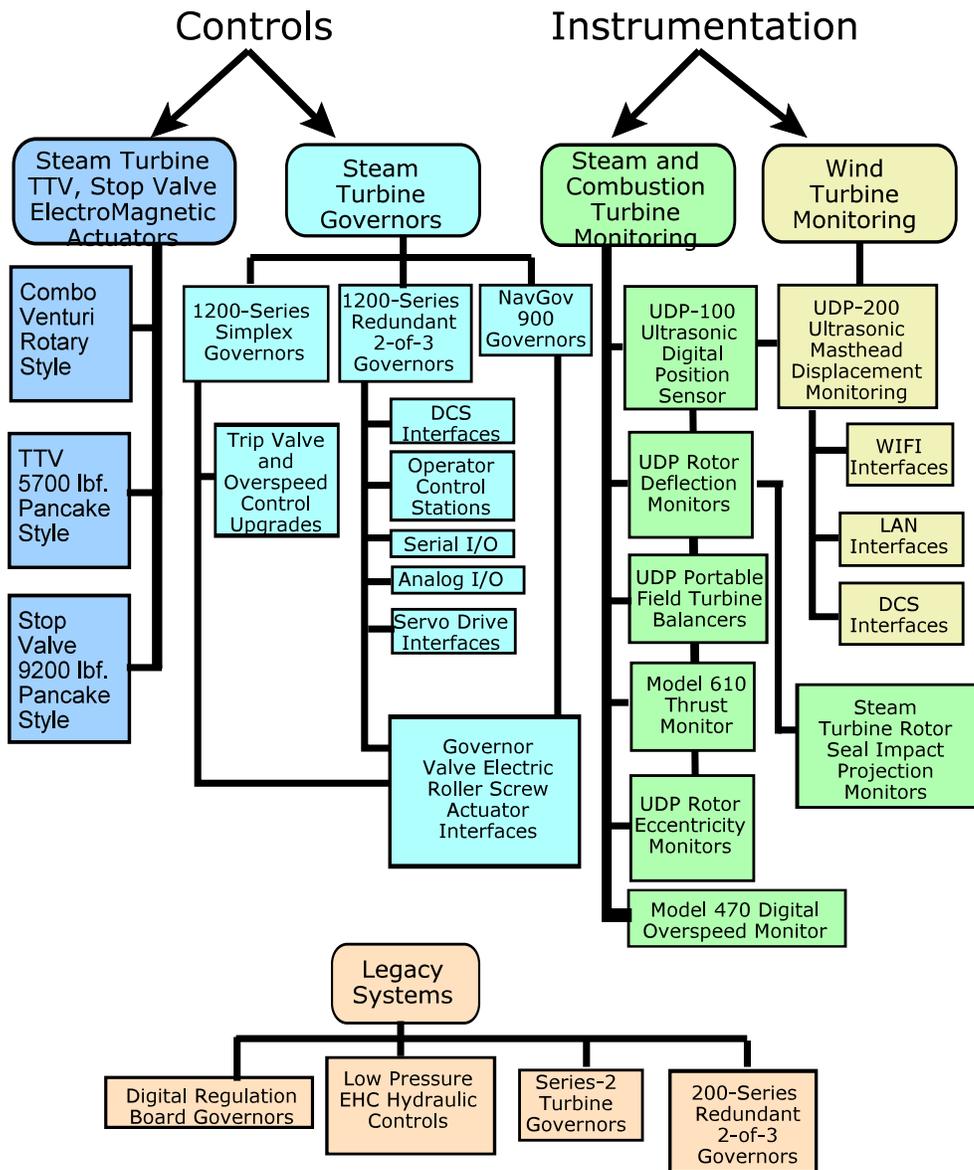


PRODUCT GROUPINGS

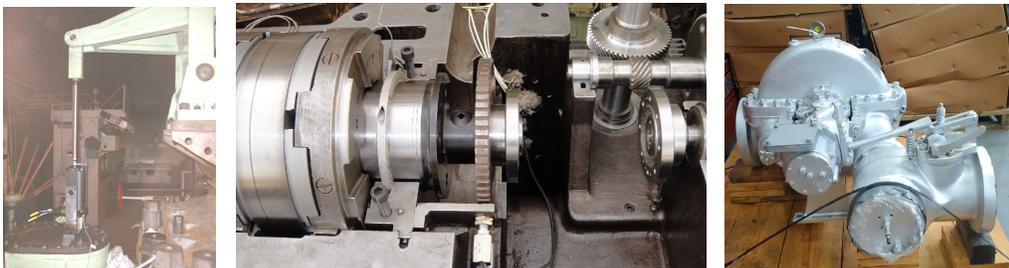


LCC Product Applications

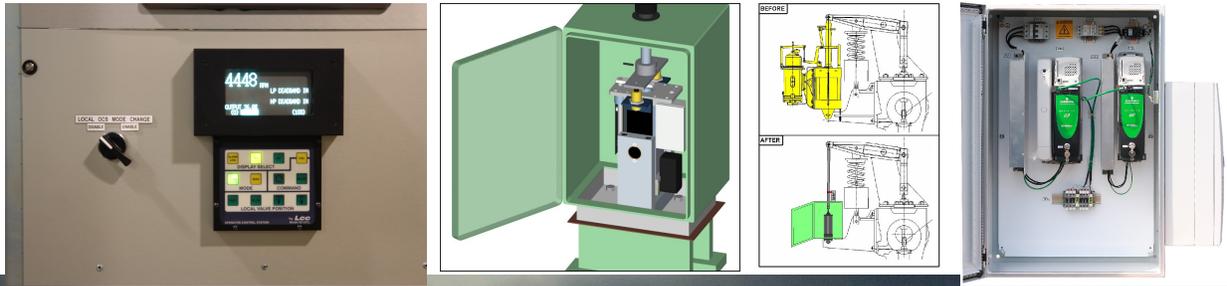


- ➔ *Oil/Gas/Process Plant API-611 General Purpose Turbines*
- ➔ *Oil/Gas/ Process Plant API-612 Special Purpose Turbines*
- ➔ *Wind Generation Turbines*
- ➔ *Fossil Feedpump Drive Turbines*
- ➔ *Fossil Feedpump Drive Turbines*
- ➔ *Nuclear Emergency FP Turbines*
- ➔ *Nuclear & Fossil Main Turbine Instrumentation*

Sturgeon Lake, Ontario



LCC Instrumentation & Control Products



- ➔ *Steam Turbine Digital Electronic Governors*
 - ➔ *Steam Turbine Control Valve Electric Actuator Retrofits*
 - ➔ *Steam Turbine 2-of-3 SIL Digital Overspeed Trip Systems*
 - ➔ *Steam Turbine 1-of-2 SIL Digital Overspeed Trip Systems*
-
- ➔ *Steam and Combustion Turbine Rotor Deflection Monitors*
 - ➔ *Wind Turbine Mast Deflection Monitors*

Post Lake, Ontario

Top Section View

600 RPM NO-GO ADVISORY!
SEAL CONTACT PROJECTED
 ROTOR: LP-B
 Finite Element S2 : DEFL 12.5 mils
 Finite Element S1 : DEFL 13.5 mils
 Finite Element S0 : DEFL 12.8 mils

600 RPM GOOD-TO-GO ADVISORY

LCC Services



Field Dynamic Balancing



Field Vibration Analysis



Startup Rotor Deflection Monitoring



Turbine Controls Services

Long Lake, Wisconsin