Fuel Circulation Heating System

**Circulation Heater**
- 90KW, 480V, 3-Phase Heater
- NEMA 4 Terminal Housing
- Flow Rate: 80 GPM
- Operating Pressure: 0-150 PSIG
- Maximum Operating Temperature: 300°F/148°C

**Control Panel**
- NEMA 4 Control Panel
- Purge & Pressurization Enclosure Protection System
- TEC-4100 PID Temperature Controller
- TEC-410 FM High Limit Control
- PPR-1800 Videographic Data Logger
- Safety Contactors for Over-Temperature, Over-Pressure and Low-Flow Conditions
- Intrinsically Safe Sensor Barriers

Fluid Circulation Heating System

**Control Panel**
- NEMA 12 enclosure
- TEC-4100 PID Temperature Controller
- TEC-410 FM High Limit Control
- 300A SCR Power Controller
- Six Heating Circuits
- Cooling Fan & Filter Kit

**Process Heater**
- 200KW, 380V, 3-Phase Heater
- NEMA 4 Terminal Housing

Rear View
- 10HP TEFC Motor
- Double Positive Displacement Internal Gear Pump