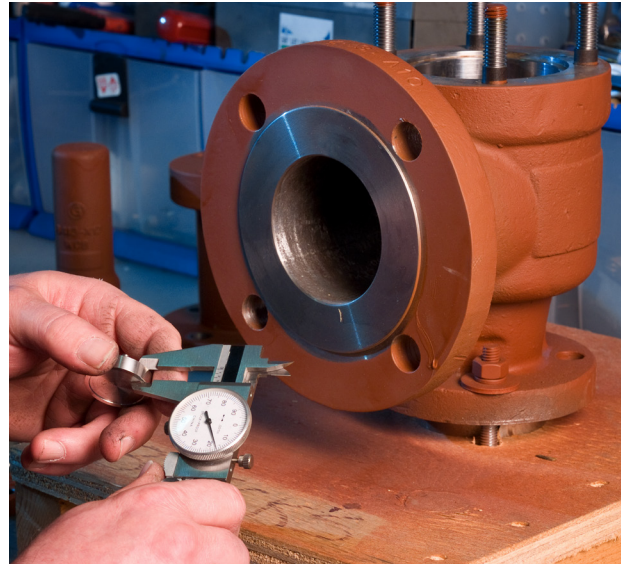


**Farris**

*Pressure Relief Valves*

**CURTISS -  
WRIGHT**

Nuclear Power Products and Services



### **About our Teaming Partner**

Farris Engineering, a business unit of Curtiss-Wright, has designed and manufactured pressure relief valves since the early 1940s. With over 70 years of proven performance, Farris relief valves have provided automatic and positive protection against overpressure situations in industrial and nuclear power plants around the world.

The reputation of being “the First Line of Safety” is a direct result of how their innovative history has influenced industry standards for pressure relief valve design. Farris offers a safety-related solution for pressure relief system management; including PRV hardware, pressure relief system design and audit capabilities, wireless PRV monitoring, global aftermarket valve repair, and maintenance services. Pressure relief valves for nuclear applications are designed and manufactured according to ASME Section III, Class 1, 2, and 3 NV; Section VIII UV, Section I-V and NB-23 VR stamps. Farris’ design focus is on long service life, convertibility, and ease of maintenance, which provides less downtime and a lower cost of ownership for the customer.



### Total Pressure Relief Management Solutions

With Farris, a trustworthy valve is only part of our promise. Farris provides customers with total pressure relief management solutions that support a facility's entire lifecycle, transforming the way you ensure plant safety:

- **Design** — Utilizing iPRSM technology and our Farris Engineering Services team, we can design your pressure relief system to respond to every overpressure scenario. iPRSM is a patented, web-enabled software for intelligent pressure relief system management.
- **Equip** — Equip your plant with Farris' full line of spring loaded and pilot operated PRV hardware.
- **Monitor** — Monitor your pressure relief valves with the SmartPRV™ and leverage the technology of proven leaders, Farris and Emerson.
- **Maintain** — Localized aftermarket service and repair assistance through the Farris Authorized Service Team – or "FAST" Centers.
- **Audit** — Our Farris Engineering Services team and iPRSM technology provide a cost-effective management of safety system documentation and will keep your pressure relief systems audited and in compliance.

### Solutions for the Nuclear Industry

We have a dedicated engineering team to support your product design, testing and certification needs, including:

- Valve sizing and selection
- Design report preparation
- Development of new valve designs
- Seismic testing and analysis
- Commercial grade dedication of Farris safety-related valves and parts
- Qualification to IEEE Standard 344-2004 or ASME QME-1-2007
- Destructive and non-destructive testing
- National board and ASME accepted test lab, air, and water
- Fabrication of valve replacement parts

### Series 2600/2600L

- ASME Section VIII and III NB Certified: Air, Steam and Water
- 2600L – Single trim design for multiple services: air, steam, water and two-phase flow
- Sizes: 1" x 2" to 20" x 24"
- Pressure Range: 15 to 6000 psig (1.0 to 413 barg)
- Temperature Range: -450 to 1500°F (-268 to 815°C)
- Options: balanced bellows, o-ring seat

### Series 3800

- ASME Section VIII and III NB Certified: Air, Steam, and Water
- Sizes: 1" x 2" to 12" x 16"
- Pressure Range: 15 to 6170 psig (1.0 to 425 barg)
- Temperature Range: -450 to 500°F (-268 to 260°C)
- Actuation: Snap or modulating
- Options: dual outlets, field test connections, reverse flow preventer, remote depressurizing and auxiliary filters

### Series 2700/3700

- ASME Section VIII and III NB Certified: Air, Steam, and Water
- Sizes: 1/2" x 1" to 1-1/2" x 2-1/2"
- Pressure Range: 15 to 6500 psig (1.0 to 448 barg)
- Temperature Range: -450 to 750°F (-268 to 399°C)
- Options: O-ring seat, balanced design (C&D orifices), flanged, socket weld, welding nipple and sanitary connections

### Series 4700/4700L

- ASME Section VIII and III NB Certified: Air, Steam, and Water
- Sizes: 1/2" x 3/4" to 1" x 1-1/2"
- Pressure Range: 15 to 6000 psig (1.0 to 413 barg)
- Temperature Range: -450 to 1000°F (-268 to 399°C)
- Options: Balanced Bellows Design



Series 2600/2600L



Series 2700/3700