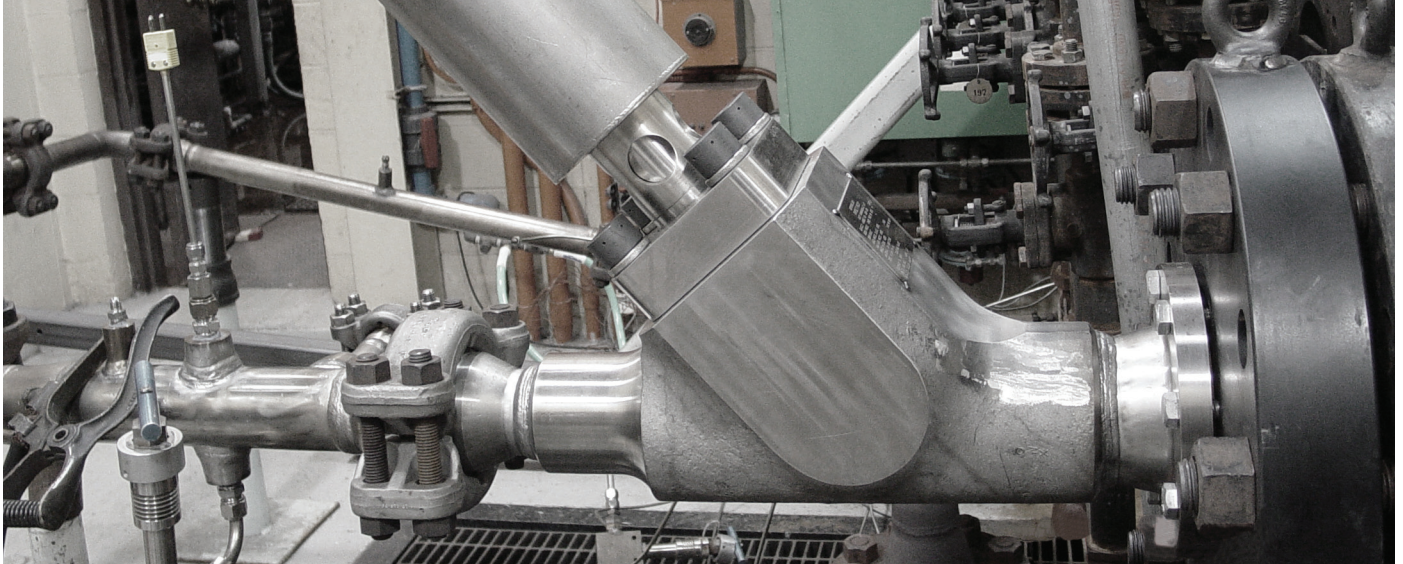


Target Rock

Solenoid Operated Valves

**CURTISS -
WRIGHT**

Nuclear Power Products and Services



About our Teaming Partner

Target Rock, a division unit of Curtiss-Wright Flow Control Company, designs and manufactures highly engineered valves and regulators for commercial nuclear, and nuclear military applications. Target Rock is located on Long Island, New York and has been in business since 1951.

Target Rock has distinguished itself with innovative approaches to solving traditional flow control problems; innovations that not only advance the state-of-the-art, but provide real, practical solutions to customer problems. Today, Target Rock produces a diverse line of ASME Section III solenoid valves and regulators for critical and important to safety nuclear power applications.

Target Rock

Solenoid Operated Valves

Target Rock Solenoid Valves

- Modulating control and on/off isolation valves
- Sizes: 3/8" to 8"
- ASME Section III, Class 1, 2, 3 and ANSI B31.1
- Qualified for B16.41 and QME-1
- Fully IEEE Qualified
- AC/DC operation
- Full spare parts availability
 - matched trim kits to reduce maintenance/exposure

Target Rock Solenoid Operated Valve applications include:

- Reactor Coolant System Sampling
- Reactor Coolant System Letdown Control
- Safety Injection Tank Nitrogen Supply Isolation
- Reactor Head Vent
- Pressurizer Steam Sampling
- Pressurizer Water Sampling
- Pressurizer Operated Relief Valve
- Pressurizer Spray
- Emergency Feedwater Isolation
- Emergency Feedwater Control
- Containment Air Sampling
- Steam Generator Blowdown Isolation

Direct Acting SOVs

- Bidirectional tight shutoff (nitrogen @ 38 psid: 0 leakage; nitrogen/water @ 2500 psid: 0 leakage)
- CV as low as 0.15

Single Pilot SOVs

- High pressure, high temperature
- Tight shutoff (water @ 2500 psid: 0 leakage; air/nitrogen @ 50 psid: 0 leakage)
- Simplified maintenance

Modulating SOV Control Valves

- Replaces AOVs and MOVs
- Accepts 4-20mA signal
- Position indication: LVDT

Pressurizer Spray SOVs

- Years of trouble free service
- Lightweight compared to an AOV
- Bolted bonnet, simplified maintenance

PORVs

- Operates with no system pressure
- On/off or modulating (EPRI tested)
- No separate pilot assembly

Pressure Regulators

- ASME Section III Class 1, 2, 3
- Sizes 3/8" to 2"
- Control bandwidth to $\pm 1\%$
- Diaphragm / bellows seal

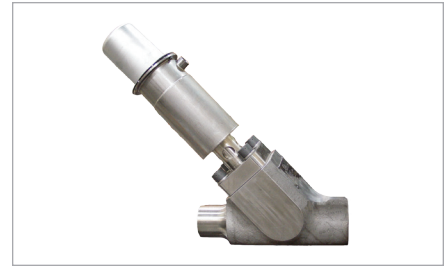
MOV Gate and Globe Valves

- Trim options: Abate™, pressure drop, severe service
- Manufactured to ANSI B16.41

Current Control Units

- Significantly improves coil life
- AC or DC applications

Enertech is your authorized sales and services distributor for Target Rock solenoid, motor operated and pressure regulating valves used in U.S. nuclear power plants.



Power Operated Relief Valve (On/Off)



Reactor Head Vent (Single - Pilot)



Sampling Valve (Direct - Acting)



Emergency Feedwater Control Valve (Modulating)



Pressurizer Spray Valve

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