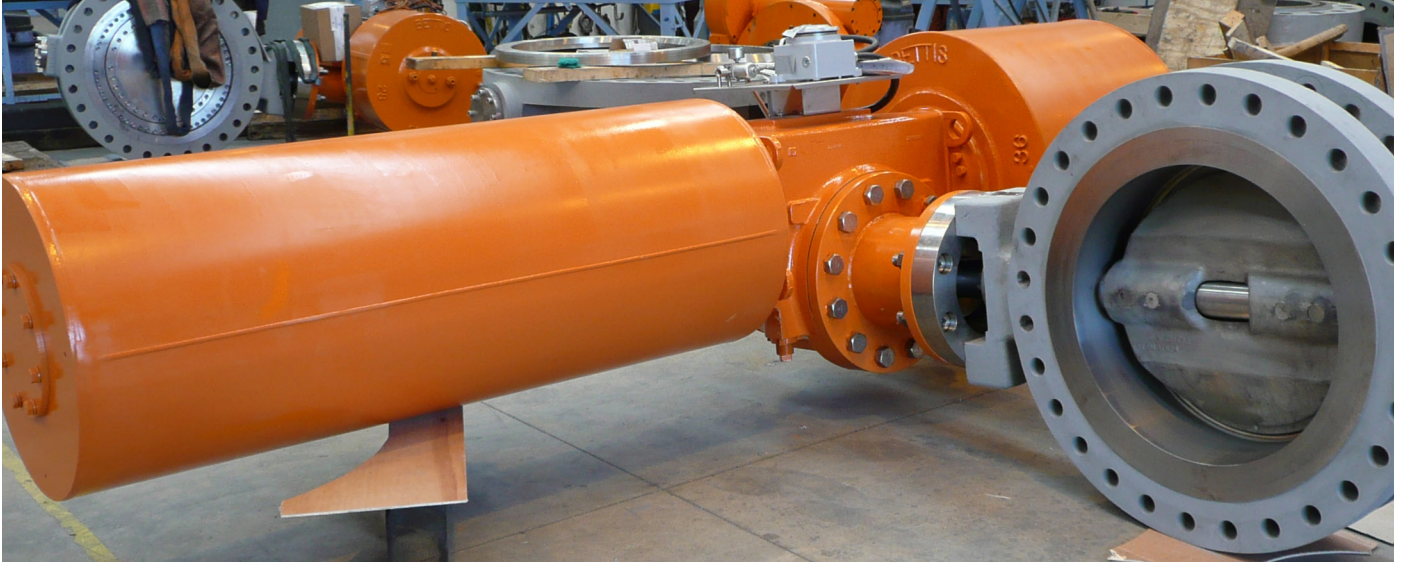


Nuclear Power Products and Services



#### **About our Teaming Partner**

Since the earlier half of the 20th century, Bettis has stood at the forefront of the actuation industry. Bettis actuators are installed in every energy related industry including power generation, oil and gas transmission, and refining.

Bettis has been supplying actuators to the worldwide nuclear power industry since 1969, and boasts over 7,000 pneumatic actuator installations in U.S. nuclear power plants alone.

Bettis manufactures a complete line of actuators including linear, rack and pinion, quarter-turn and scotch yoke. These actuators are available in spring return and double acting configurations and providing the widest ranges of torques and thrusts in the industry.

In 1984, Bettis and Enertech formed a relationship to provide increased support and service to the Nuclear Power Industry. In this relationship Enertech has taken on the responsibility of application engineering support, augmented QA, and order responsibility.

**BETTIS**

# Bettis

## Pneumatic Actuators

### Bettis Pneumatic Actuators

- Quarter-turn, scotch-yoke, rack & pinion
- Spring return and double-acting configurations
- Guaranteed minimum torques 45 lb-in up to 6,000,000 lb-in
- Temperature range: -400°F up to 1800°F
- Ideal for all types of butterfly, ball, or plug valves

### Bettis CB/CBB - Series

- Output torque
  - Double-acting: to 11,560 lb-in
  - Spring-return: to 4,561 lb-in

### Bettis HD - Series (Heavy Duty)

- Output torque
  - Double-acting: to 50,331 lb-in
  - Spring-return: to 18,044 lb-in

### Bettis T - Series (High Torque)

- Output torque
  - Double-acting: to 450,000 lb-in
  - Spring-return: to 210,000 lb-in

### Bettis G - Series (Advanced Actuation)

- Five year standard warranty
- Designed for minimal friction and low wear
- True modular design
- Compact, lighter design than standard T-Series
- Torques to 6,000,000 lb-in

### Bettis NCB Series

### Bettis NHD Series

### Bettis NT Series

- Nuclear qualification per IEEE - 323, 344, 382
- Output torque similar to standard Bettis units
- Parts and soft goods available for installed units

### Introducing NCBA Series, NG Series

- Nuclear qualification per IEEE - 323, 344, 382 latest editions\*  
\*NG approval pending
- Product range covers all NCB, NT, and NHD torque outputs
- Enertech engineering services to replace any rotary actuator
- Drawing, technical, seismic reports available

### Support Services

- Outage support
- Field inspection, maintenance, and repair
- Spare parts identification and supply
- Factory certified technicians
- Obsolete actuator support and replacement
- AOV Program support, diagnostics, and testing
- Seal Kit stocking program
- Retrofit, refurbishment, upgrades
- Site specific O&M training

Enertech is your authorized sales and services distributor for Bettis actuators used in U.S. nuclear power plants.



CB/CBB - Series



G - Series



T - Series



HD - Series

#### CONTACT INFORMATION:

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