About The Company

Our core principles of God, Family and Company stem from two generations of owners who greatly value their military and family oriented backgrounds.

Dupill Group was founded in 1985 by Raymond (Pete) Dupill after serving as project manager for Westinghouse in the 70s and 80s. Through his leadership, dedication and hard work, Dupill Group has been successful in the power, process control, defense, oil & gas and industrial markets. These same attributes have been instilled in his sons Chad R.H. and Cornell R. Dupill. Using the founder’s same approach, in addition to their own core values of honesty, integrity and perseverance, Dupill Group, D/B/A DG Nuclear, continues to grow with much success.

Over the past 30 years we have assisted our customers in areas of valve specification, valve actuation and valve repair needs. Additionally, we provide instrumentation and control devices, electrical products and services, fluid control and pipe sensing devices. We strive to address evolving industry issues utilizing customer feedback and concerns generated by industry professional agencies such as EPRI, INPO, ASME, NRC and ANSI: thereby providing specific solutions to plant maintenance, training and operational concerns.

NUCLEAR QUALITY PROGRAM

Our Quality Program was established to meet the stringent needs of the nuclear industry. We are compliant with 10CFR50 Appendix B, 10CFR21, ASME NQA-1, ANSI N45.2, ISO 9001 and CSA CAN3-Z299 in order to ensure all of our customer requirements are consistently met.
Nuclear Solutions

Commercial Grade Dedication

DG Nuclear’s engineering and quality assurance team is trained in the most recent codes and standards related to equipment qualification and commercial grade dedication. All work is performed under our 10CFR50 Appendix B QA Program to meet your needs.

Complete dedication services and assistance in the following areas:

- Detailed dedication plans
- Product testing and validation
- Quality tracking and reporting
- Seismic qualification testing and certification
- Environmental qualification testing and certification
- Chemical testing and materials verification
- Mechanical testing
- Design and/or reverse engineering
- Certified Engineered Drawings
- Material Traceability

Engineering Services: Engineered solutions for your power-generation problems.

We will work with you to design a solution to suit your needs; we can also validate it through testing or analysis depending on your requirements. From small parts to large fabrications; from pre-existing components to custom products; we can handle the design, analysis, applicability reports and system drawings for any project. Already have a solution? We can assist with the analysis, Commercial Grade Dedication or testing to meet your needs.

Gearboxes: We offer an array of manual and motorizable (gearbox) actuators.

The actuators can be ordered with environmental specifications to suit the wide variety of environments and media encountered by our customers. These specifications are continually developed as the needs of the marketplace demand. Currently, there are 33 different designs ranging from low temperature to fire safe to nuclear environment. All of our products can be customized to satisfy mounting patterns and valve stems in an infinite variety for all valves. Contact us for more information and to find the best product for your application and requirements.

solutions@DG-Nuclear.com
www.dupillgroup.com
Valve Repair

Portable Valve Repair Equipment for Gate, Globe, Check, and Safety Valves with Flat and Angled Seats from ½” to 52”

Repairing leaking valves in industrial pipelines is a laborious operation involving extended downtime, production losses and substantial unwanted costs. Losses are minimized if valves can be reground in situ, precluding the need to dismantle and remove defective valves from the pipeline.

Model MV - Fully automated laser mapping machine for Gate Valves and Wedges
LarsLap offers the most advanced technology today.

The unique, lightweight universal clamping system allows rapid, accurate mounting for lapping gate, check, safety, control valves and gate valve wedges. Some of our most popular machines are:

Model G – Designed for use on gate, check, safety, control valves and gate valve wedges. (Range: 6” – 52” / 150 – 1300 mm)

Model FL – Designed for use on gate, globe, check, safety, control valves and gate valve wedges. (Range: 2” – 18” / 50 – 450 mm)

Model DF – Designed for use on globe, safety and control valves. (Range: 2½” – 12” / 65 – 300 mm)

Model SC – Designed for use on gate, check valves and gate valve wedges. (Range: ¼” – 6” / 10 – 150 mm)

Other Models PW (6” – 40” / 150 – 1000 mm), JC-1 for use with K, FLH, DF, C1 and FL, JC-2 for use with DF and G (3” – 24” / 80 – 600 mm), FLH (2½” – 8” / 65 – 200 mm), C (1/4” – 32” / 10 – 800 mm) and K (1/4” – 6” / 8 – 150 mm)

Rental machines with daily, weekly and monthly rates available upon request.
We also stock a large range of abrasives, accessories and spare parts, as well as providing machine service and repair.

Consulting and Valve Services

With our many years of extensive experience working on valves; we train, consult and supervise each job by efficiently operating any type of lapping/grinding tool in accordance with that specific manufacturer’s manual.
Hands-On Valve Maintenance Training Program

At DG Nuclear, industrial valve maintenance training is based upon your plant’s current situation, outage planning and budget. We provide on-site service and will evaluate and document your plant’s tooling and testing situation. We will then customize our training to support your plant’s specific needs. Personalized training certificates will be supplied upon completion.

SCOPE OF TRAINING

**Valve 101**
- Intro to Valves
- Valve Components
- Valve Types
- Valve Configurations
- Valve Applications

**Valve Packing**
- Material Type
- Removal
- Installation

**Integral Valve Maintenance**
- Valve Defects
- Inspection
- Lapping
- Leakage
- Abrasives
- Common Practices

**Hands-On**
- Lapping Tools
- Repair Drills
- Bluing
- Best Practices

“JUST IN TIME” (JIT) TRAINING

DG Nuclear provides (JIT) training both on and off-site. Whatever type of application, scope or work, DG Nuclear prides itself on customizing and/or tailoring each class to meet plants’ needs. We do this by focusing on plant safety procedures, environment and identifying unforeseen obstacles which enables us to plan, prepare and adapt procedures accordingly. This approach reduces unnecessary radiation exposure, which saves plants time and money during outages.

We offer classes at our facility typically 3–4 times per year. Special arrangements can be made to accommodate your schedule and training needs. The class is generally three days of hands-on valve maintenance training seminars. Class size is limited to ten students. The course is 70 percent hands-on. Contact us today for more information or to register for an upcoming class.
Remote Valve Actuation (Rigid/Flexible)

Seismically Qualified RVA (Remote Valve Actuators) Systems

The events in Japan have brought to the forefront additional stringent requirements for the Nuclear Industry post Fukushima. DG Nuclear, through our 30 years of industry knowledge and experience, understands the requirements, and we strive to service the industry’s newest demand to meet these requirements.

That is why we are proud to announce that our Remote Valve Actuators are now seismically qualified under our Quality Assurance Program, which adheres to 10CFR50 Appendix B, 10CFR Part 21 requirements and ISO 9001 Standards.

Our RVAs have been and will continue to be one of the leading solutions worldwide for use as a manual remote actuation emergency back-up and are seismically qualified in accordance with:

- Seismic HRHF (Hard Rock High Frequency)

Custom Design: With our state-of-the-art drafting and designing programs, we provide custom designs and manufacturing to support our core products. We also provide engineering and design to assist in providing solutions to fit each custom application regardless of whether or not it is included in our product line up.

Consulting and Field Services: Through our broad array of products, DG Nuclear offers a variety of installation services. We also provide installation training, support and assembly for all our remote valve operating systems as well as for existing and custom installations.

Surveys/Walkdowns: Not only do we support pre-modification surveys, we are also in the forefront of proactive walkdown services of existing Stow rigid and flex reach rods. With nuclear facilities having a 70% installment base of Stow reach rods, our services are very cost effective as we provide a full condition report after completion noting which parts will need replaced or require maintenance. This service can help prevent future issues and potentially eliminate the need for a complete reach rod modification. It can also prevent damage to a valve due to an over torque situation. This approach will save plants a tremendous amount of cost and downtime when a full design is not desirable.
Remote Valve Actuation (Rigid/Flexible)

We supply a full range of system solutions.

If your facility is having problems with existing reach rods, or has a valve that needs to be operated in a high dose or hard to reach area, DG Nuclear can help by offering a variety of solutions. Our objective is to provide the best most economical solution for each application, whether it is, recommending replacing parts for existing rigid or flex shaft reach rods or proposing the latest technology such as our Uniflex-Gear System. In the event your plant is having issues with existing reach rod parts such as a universal joint, shear pin, deck box, 90 degree gear box or whatever the case may be, DG Nuclear is your one stop shop for Elliott/Stow reach rod spare and replacement parts.

Rigid Rod
- Consist of valve couplings, gearboxes, single and double universal joints, 300 degree swivels, 90 degree gearboxes, custom parts, etc.
- Our rigid rod systems can attach directly to valve stems, handwheels and third party gearboxes when necessary.
- Ideal for short distances to the valve, low operating torque and minimum number of bends.

Direct Flex 1:1 (Flexible shaft)
- Consist of operator station, flexible shaft, universal joint and valve coupling or any other custom designs required.
- Depending upon the operating torque, six shaft diameters are available to meet the required design.
- Bend radii vary.
- Ideal for short distances to the valve, low operating torque and minimum number of bends.

Flexible shaft with gearing (RVA/ROG)
- Consist of operator station, 5/8” diameter flexible shaft, valve station actuator, double universal joint, valve coupling or any other custom designs required.
- Depending upon operating torque, system ratios can range from 2:1 to 25:1 to meet the requirements.
- Ideal for long distances to the valve, high operating torque and when a high number of bends are required.

Flexible shaft with gearing (Mini)
- Similar to flexible shaft with gearing.
- Ideal for small instrumentation valves 2” or lower.

Spare Parts
- 70% installment base of Stow parts, we have stock to keep you operational.
Mission Statement

To assure that our customers’ technical and business requirements are exceeded in the highest professional manner, and to ensure that their short and long term economic goals are met.

Our company culture communicates honestly with our customers and partners;
Our approach is distinctly different from larger, more impersonal firms, in responding to their needs.

We offer immediate responses to technical problems and take the extra steps necessary to bring about successful solutions.

Other DG Nuclear Products

10 CFR 50 Appendix B
10 CFR 21
NQA-1
ISO-9001 Compliant

API 16A License
API Q1 Certificate
ISO-9001 : 2008 Certificate