

AOV/MOV PROGRAMS

True North Consulting is pleased to announce expansion of its highly successful Engineering Programs business model to the area of air and motor operated valves. Our comprehensive array of AOV/MOV services includes *Program Evaluation, Program Update, Test Data Analysis, Design Calculation Performance / Verification, ASME Code Case OMN-1/Appendix III and OMN-12 Adoption, OMN-1/Appendix III and OMN-12 Training, and Implementation Support using both ASME Code and JOG requirements/guidance.*

Our services are administered through a highly knowledgeable and experienced group of engineering resources committed to optimization of AOV/MOV Programs as well as a very detailed and up to date knowledge of regulatory/ASME OM Code requirements. In addition we are committed to the success of the Nuclear Power Industry in general as well as the identification and implementation of cost effective measures which we have identified through our experience in this area.

The True North team is led by Mr. Ron Lippy who sits on various code committees and subgroups and is a member of the OM Standards or Main Committee. Ron has been involved in the Nuclear Power Industry for almost forty years. In addition, Ron is supported by many experience code and AOV/MOV personnel who have managed AOV/MOV programs at previous sites as well as performed numerous AOV/MOV transition projects and are well versed in the technical, regulatory, and licensing related aspects of AOV/MOV Design, Maintenance and implementation of regulatory and JOG requirements. Ron leads a team with significant experience encompassing the spectrum of valve testing, test data analysis, preventative maintenance, emergent maintenance and design calculations. Please give him a call to learn more on how our approach might benefit AOV/MOV project initiatives at your facility or for any additional details.

AOV/MOV SERVICES

The True North Consulting AOV/MOV Team has significant experience with programmatic and calculation based air and motor operated valve work. The True North AOV/MOV Team is comprised of personnel with both utility and design firm experience.

Primary service areas include the following:

- **Code Case OMN-1/Appendix III and OMN-12/AOV/MOV Adoption**
- **OM Code Incorporation (Interval Update)**
- **OMN-1/Appendix III and/ OMN-12 AOV Training Courses**
- **AOV/MOV Program JOG Evaluations**
- **AOV/MOV Design / Margin Calculations (ACE, KVAP and MIDAS)**
- **Independent Verification Services**
- **Valve PM Programs**
- **Custom Software Packages**
- **Outage Testing Support**

www.tnorthconsulting.com



True North Consulting is headquartered in Montrose, Colorado with satellite offices in Nebraska and Tennessee. Address and contact information for our offices are listed below:

Corporate Office

Primary Contact--Donald R. Horn
150 Merchant Drive
Montrose, Colorado 81401
970-964-1832 (telephone)
970-252-1837 (fax)
drh@tnorthconsulting.com (email)

Engineering Programs

Primary Contact--Ronald C. Lippy
402-493-2756 (telephone)
402-490-5848 (cell)
rcl@tnorthconsulting.com (email)

Software Services

Primary Contact—Jeffrey Neyhard
315-430-7218 (cell)
jan@tnorthconsulting.com (email)

COMPANY PROFILE

True North Consulting is an Engineering Services company specializing in support for the electric power industry. Founded in 1999, True North has provided engineering based consulting services to the majority of US utilities and to several abroad. Our services cover a wide spectrum within the power generation sector ranging from Engineering Programs related services in the nuclear power industry to plant Thermal Performance issues across the entire generation continuum. Additional areas of expertise include a complete array of Power Services associated with secondary plant equipment and a highly experienced Information Technology staff supporting our line of customized software products.

It is our goal and ongoing commitment to optimize these services with respect to cost, technical adequacy, and overall value to our clients. Towards this goal we continue to refine and update our staff and services through incorporation of technology and experience-based advancements.

Presented in this brochure is an overview of AOV/MOV Program services offered by True North Consulting along with general information concerning our office locations and contact information.

We sincerely hope this provides a clear representation of our company and how True North Consulting might benefit performance at your facility.

www.tnorthconsulting.com



AIR AND MOTOR OPERATED VALVE PROGRAMS



True North Consulting
The Next Level for Engineering Programs

Information in this brochure is the property of
True North Consulting, LLC