



TRUE NORTH CONSULTING, LLC

Basic Thermal Performance Training

Basic Thermal Performance Training--Nuclear
September 10 - 13, 2019

True North Consulting will be conducting Basic Thermal Performance Training courses for Nuclear Plants beginning September 10 and concluding September 13, 2019, in Montrose, CO. Courses offered and associated details are below with additional information available at the provided links. The courses include many hands on examples to drive home the theory and practical application.

Who should attend? Engineers responsible for plant thermal performance; BOP System Engineers.

What our students are saying: "I feel more than adequately prepared to step into my role in thermal performance"

Courses

- **Thermal Performance Basics:** Designed to review thermodynamic fundamentals and describe the essential elements of a thermal performance program
- **Power Plant Cycle & Component Evaluation:** Designed to teach how to identify and recover lost megawatts throughout the thermal cycle with an emphasis on an integrated approach to understanding the thermal cycle.
- **Thermal Plant Resources and Tools:** Designed to provide the engineer a good understanding of resources used to evaluate thermal performance including: trending, analysis, turbine testing, cooling tower testing, quantification of losses and software tools.

Links to more [course information](#) can be found on our website: www.tnorthconsulting.com

Schedule

September 9 - 13, 2019

Monday: Arrive in Montrose, CO

Tuesday: Thermodynamic Fundamentals & Component Analysis 8:00 a.m. – 4:30 p.m.

Wednesday: Cycle and Component Analysis 8:00 a.m. - 4:30 pm.

Thursday: Thermal Performance Tools and Resources 8:00 a.m. – 4:30 p.m.

Friday: Testing & Program Development 8:00 a.m. to noon

Pricing

\$2,695/person (Lunches will be catered and beverage service provided during scheduled breaks.)

Optional Items to Bring

Calculator, Heat Balance Diagram and/or Thermal Kit of your Plant

Training Facility

[The Bridges](#)

2500 Bridges Drive

[Montrose](#), CO 81401 Phone 970-252-1119

Accommodation Suggestions

Hampton Inn
1980 North Townsend
Montrose CO 81401
970-252-3300

Holiday Inn Express
1391 South Townsend Ave
Montrose, CO 81401
970-240-1800

Course Qualifies for Continuing Education Units (CEU)

Each attendee will receive a Certificate of Completion for 2.8 Continuing Education Units (CEU) credits to qualify for 28 Professional Development Hours (PDH) needed to fulfill Professional Engineers' continuing education requirements. The credits will be awarded without authorization. It is the attendee's responsibility to keep and present the certificate to any organization that requires the certificate.

Instructors

Frank Todd
fdt@tnorthconsulting.com
970-964-2753

Frank serves as Manager of Thermal Performance at True North Consulting. Frank is highly skilled in the use of analytical tools designed to evaluate thermal performance and improve plant efficiency and reliability. These tools include a variety of approaches using computer based plant modeling with strong emphasis on problem analysis and resolution. Additionally, Frank has developed a wide spectrum of test specifications, procedures, and testing configurations in support of thermal performance improvements.

Katelin Kohn
kgk@tnorthconsulting.com
970-964-2752

Katelin Kohn has 10 years of experience in the nuclear power industry with a special focus on thermal performance, and secondary side plant inspection and optimization. Additionally, Katelin has worked extensively with water treatment and water production systems. Katelin has been recognized for her unique contributions in maintaining plant efficiency and has a deep understanding of thermal performance from the perspective of a utility engineer.

We'd love to hear from you with any questions about our courses!

Questions

Contact Karla Todd
609-247-9467
kjt@tnorthconsulting.com

Registration

Please register by 5 p.m. Friday, August 23, 2019

There are four easy ways to register!

E-mail: Complete the following form and send as an attachment to: kjt@tnorthconsulting.com

Go to our Training Registration on our website: www.tnorthconsulting.com

Fax: Complete the following form and fax to 970-252-1837

Mail: Complete the following form (along with check or CC information) and mail to: Karla Todd, True North Consulting, 150 Merchant Drive, Montrose, Colorado 81401

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General Information

Name:	
Title:	
Company:	
Credit Card Billing Address	
Telephone:	
Fax:	
Email:	

Payment Information

Check one form of payment:	<input type="checkbox"/> CREDIT CARD <input type="checkbox"/> CHECK # _____ <input type="checkbox"/> Visa <input type="checkbox"/> MasterCard <input type="checkbox"/> American Express <input type="checkbox"/> Other
Card #	
Exp. Date:	
Cardholder Name:	
Signature:	

Cardholder's Email Address/Phone Number:

- *Remittance of payment is due one week prior to the first day of training.*
- *Receipt for payment will be emailed to you as your confirmation.*
- *If your company or another party will be compensating True North Consulting for your registration fee via check or credit card, please include a contact name, number and email address of the person responsible.*
- **All information shall remain confidential.**

If you have any questions about registering, please call 609-247-9467 or email kjt@tnorthconsulting.com.
 Check our website for updated training information and schedules: www.tnorthconsulting.com.