



PGI
PALMER GROUP INTERNATIONAL

TRUE NORTH CONSULTING, LLC
ISTD Snubber Program Training

ISTD Snubber Training
August 29-30, 2018

In response to requests from the industry, True North Consulting will be conducting a training course in TBD on the programmatic approach to the implementation of the ASME OM Code, Subsection ISTD, Preservice and Inservice Examination and Testing of Dynamic Restraints (Snubbers) in Light-Water Reactor Nuclear Power Plants. This training program is particularly appropriate for IST program managers who feel a need to understand more fully the requirements of an ISTD Snubber program and the process of transition from an Owner controlled snubber program to ISTD.

Course duration is two days and is scheduled for August 29-30, 2018. Course descriptions and associated details are listed below with additional course information available through the links provided.

Course Summary

COURSE CONTENT / STRUCTURE

The course content and approach are structured for IST and Snubber Program Owners and Engineers and is focused on the following key areas:

- Historical regulatory and Code background overview
- The process of transitioning the Snubber Program to the ASME OM Code
- Guidance to and development of present day Program structure
- Historical programmatic hurdles – including resources – and industry resolutions
- Concepts in continuity between Examination, Testing and Service Life Monitoring
- Failure analysis and performance trending
- DTPG and FMG management and the utilization of resulting trending data
- Current issues with emphasis on industry/Code initiatives and solutions

The ISTD Snubber course objective is to establish a clear understanding of the ISTD Program and its implementation in accordance with the requirements of the Nuclear Regulatory Commission, 10 CFR50.55a and the ASME O&M Code, Division 1, Section IST. Important evolutionary developments of snubber programs are reviewed and analyzed with focus on improvements and emphasis on seamless program and personnel transitions, owners' responsibilities, and examination, testing and monitoring plans.

This training course is divided into separate sessions to concentrate on the unique requirements of and the continuity between Examination, Testing, and Service Life Monitoring requirements. Detailed and interactive discussions during each session will focus on correct and effective applications of technical requirements and efficiency to minimize excessive demands on resources.

The training materials will be available by electronic download or hard copy version (please specify).

The Course is designed to provide for an efficient program that is expediently adopted by the novice as well as the seasoned owner.

ISTD Training Introduction

Links to more can be found on our website: www.tnorthconsulting.com.

Schedule

August 29-30, 2018

Wednesday & Thursday: 8:00 a.m. – 4:30 p.m.

Pricing

\$1,850/person

Lodging and Training Facility

TBD

Course Qualifies for Continuing Education Units (CEU)

Each attendee will receive a Certificate of Completion for 1.6 Continuing Education Units (CEU) credits to qualify for 16 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

Glen Palmer

Glen is President of Palmer Group International and has spent the majority of his work career with an emphasis on snubbers. His experience includes snubber design, manufacture, inservice testing, failure evaluation as well as snubber program assessments, development and implementation. He is published as co-author of NUREG/CR-5386, Basis for Snubber Aging, as well as EPRI study TR-110381, Risk Informed Snubber Inservice Testing Guidelines. He has been invited to numerous industry owners and users group meetings to speak on various aspects of ASME Code and Regulatory compliance issues regarding snubbers. He is a member of ASME and presently serves on the Main Standards Committee, Subcommittee on OM Codes, TG New Reactor Codes and as Chair of the Subsection ISTD for Examination and Testing of Dynamic Restraints in LWR nuclear Plants, which he has been a member of for the past 30 years.

Karl Asmundsson

Karl's career spans more than 29 years in the commercial nuclear industry and involvement in ASME Codes, specifically in the areas of Snubber manufacturing, testing, and programs. Over the years Karl has played a significant role in the early piping analyses programs and the design, qualifications, and maintenance of snubbers and associated components. He has been a member of the OM/ISTD dynamic restraints Subsection for over 20 years and has provided valuable guidance towards development of Snubber programs at various utility sites. Additionally, Karl co-pioneered development, implementation, and standardization of several in-place test programs, equipment, and procedures foundational to many of the currently recognized utility "best practices".

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

Questions

Contact Pam Gilroy

970-964-2751

pgilroy@tnorthconsulting.com

Registration

Please register by 5 p.m. August 17, 2018.

There are four easy ways to register!

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

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

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: Pam Gilroy, True North Consulting, 150 Merchant Drive, Montrose, Colorado 81401

ISTD Snubber Training		August 29-30, 2018
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:		
<ul style="list-style-type: none"> • <i>Remittance of payment is due one week prior to the first day of training.</i> • <i>Receipt for payment will be emailed to you as your confirmation.</i> • <i>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.</i> • All information shall remain confidential. 		
If you have any questions about registering, please call 970-964-2751 or email pgilroy@tnorthconsulting.com . Check our website for updated training information and schedules: www.tnorthconsulting.com		