



TRUE NORTH CONSULTING, LLC

10 CFR Appendix J Program Training

Appendix J Program Training February 4-8, 2019

True North Consulting will be conducting an Appendix J Program Training course beginning February 4, 2019 and concluding February 8, 2019 in Montrose, CO.

The course is comprehensive with respect to programmatic aspects of 10 CFR 50 Appendix J, provides specific focus on current industry developments such as NEI 94-01 Rev 3A, and now incorporates a “hands-on” Local Leak Rate Testing (LLRT) demonstration where students perform valve lineups, simulate troubleshooting and collect leak rate results using an LLRT mock-up complete with associated test equipment.

Course details are listed below with additional information available at the provided links. If you are not in Appendix J Programs, please forward this invitation to the person responsible for Appendix J Programs.

Courses

COURSE CONTENT / STRUCTURE

Managing a power plant’s Appendix J Program requires talents from and interfaces with various disciplines, combined with practical ability and a good understanding of the regulatory requirements. The course is designed to provide an initial conceptual overview of Appendix J and the regulatory documents that provide implementation guidance and requirements, followed by comprehensive and in-depth practical application of those requirements. In addition, discussions related to specific plant activities, that when implemented facilitate program incorporation of industry “Best Practices”, are ongoing throughout the course. As such, the course curriculum has been designed to meet the needs of the student regardless of experience level.

Specific topics include but are not limited to the following:

- Basic Appendix J concepts and applications,
- Historical perspective on 10 CFR 50 Appendix J,
- Regulatory Requirements with added emphasis on NEI 94-01 Revision 3-A Implementation
- Program Plan Content, Bases & Revision,
- Program Notebook Content & Revision,
- Outage / Cycle Reports,
- Outage Test Scope Development and Review,
- Monitoring of LLRT Activities, Review of Work Packages (pre-& post completion)
- Pre-and Post-Maintenance Testing requirements/guidance,
- Long Range Planning, i.e., next ILRT, budgetary forecast, regulatory changes, etc.,
- Review of Plant Modifications and impact upon Appendix J Program,
- Review available options for reducing component LLRT scope,

- Containment airlock LLRT requirements and impact of Maintenance activities,
- Review of contemporary Industry Appendix J Operating Experience,
- Interface of the Appendix J Program with other Programs such as: AOV, MOV, SOV, IST, Check Valve, PRA, ISI,
- Discussion of industry Appendix J related “Hot Topics”,
- Classroom exercises designed to demonstrate implementation of program principles and requirements utilizing actual nuclear industry OE as their basis,
- Review of recent APOG member-benefit focused area self-assessment results,
- Participation benefits realized by joining the Appendix J Program Owners Group (APOG)
- Hands-on experience with LLRT simulator mock-up and leak rate monitor

True North is integrally involved in the Appendix J Owners Group (APOG) and the Inservice Testing Owners Group (ISTOG) and has performed Appendix J and Inservice Testing Program related assessments. True North has also presented IST, Thermal Performance, Heat Exchanger, and GL-89-13 training throughout the Nuclear Industry.

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

IMPORTANT: As an attending student, you are asked to bring your Appendix J Program document/procedure as a number of group discussions will bring into play how you and your peers Programs are set up and administered. This, among other aspects of the course, facilitates taking credit for a benchmarking activity for attendees.

Schedule

February 4-8, 2019

Tuesday: 7:30 a.m. – 4:30 p.m.

Wednesday: 7:30 a.m. - 4:30 pm.

Thursday: 7:30 a.m. – 4:30 p.m.

NOTE: The course starts at 7:30 am on Tuesday morning and completes near the end of the day on Thursday. We recommend arrival on Monday or sooner and departure on Friday. Often students choose to extend their stay over the weekend and enjoy the many recreational and sightseeing options offered in the greater Montrose, CO area.

[Montrose](#) , [Telluride](#) , [Ouray](#)

Lunches will be catered and beverage service provided during scheduled breaks.

Pricing

\$1,750/person

Lodging and Training Facility

[Holiday Inn Express \(Montrose\)](#)

1391 S. Townsend Ave.

Montrose, CO 81401

Accommodations

True North Consulting has reserved a block of 10 rooms at the Holiday Inn Montrose at a rate of \$99.00 per night. The phone number for the Holiday Inn is 970-240-1800. When you call, mention that you are coming for the True North Appendix J Training Course to ensure the discounted rate.

A variety of hot and cold breakfasts are provided as part of the Holiday Inn package.

Course Qualifies for Continuing Education Units (CEU)

Each attendee will receive a Certificate of Completion for 2.4 Continuing Education Units (CEU) credits to qualify for 24 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

Dean Hecht

dhecht@tnorthconsulting.com

970-964-2749

Dean brings 8 years of experience in nuclear engineering programs and project management. He was Site Engineering Program Manager at First-Energy Nuclear Operating Company, Beaver Valley Power Station. and also worked for Siemens Building Technologies as a Building Automation Engineer. Dean has extensive experience in nuclear governing codes and standards including ASME Section XI, ANSI and NEI, EPRI Materials Reliability Program, Generic Aging Lessons Learned, and the Code of Federal Regulations. He has a vast understanding of technical and regulatory engineering programs, as well as excellent project management and project oversight skills.

Robert McGowen

rbm@tnorthconsulting.com

970-901-0889

Mr. McGowen has a very diverse background which encompasses significant expertise in Appendix J and IST program management/coordination and diverse technical experience in nuclear power plant program management. Bob's background includes expertise in the areas of Plant Operation, Appendix J Option A and B, ILRT Interval Extensions, LLRT Testing, Inservice Testing, Section XI System Pressure Testing, IWE/IWL, Non-intrusive Check Valve Testing, Check Valve Condition Monitoring, AOV/MOV. Experience in these areas includes program development, basis document and scope development, implementation, consultation, training, training course development, program ownership/management, plant modifications, licensing document changes, reviews of maintenance activities, outage scheduling, budgeting and onsite monitoring of vendor assembly and testing of valves.

Jeffrey Neyhard

jan@tnorthconsulting.com

315-430-7218

Mr. Neyhard has over forty plus years in Appendix J and IST program management /coordination and diverse technical experience in nuclear power plants. Jeff serves as Software Services Manager for True North Consulting. His primary focus is development, update, and maintenance of our customized software products in support of our Engineering Programs activities. Jeff has over 39 years' experience working in the nuclear industry. His previous duties included plant startup, construction and Programs Management (IST, Pressure Testing, Appendix J, Section XI and OM Code).

Additionally, Jeff manages our Endeavor strategic alliance and is heavily involved in development / rollout of our new joint offering, Engineering Programs Software Suite (EP-Plus+).

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

Questions

Contact Pam Gilroy

970-252-1489

- *"The classroom exercises are very beneficial in bringing actual industry operating experience to light in a practical manner."*
- *I very much appreciated having the multitude of course related documents and reference material provided to me on a CD so I can refer to them when needed back at work."*
- *As a new program owner with limited field experience, I thought the LRM classroom demo was excellent and gave excellent insight into the conduct of LLRTs."*
- *The hotel was an excellent venue for the course and was very reasonably priced and conveniently located."*
- *"As a new Program owner, I found the training very informative and beneficial."*
- *"Having owned my App J Program for more than 5 years, I still learned a great deal about application and proactive actions I can take to improve my program. I'm glad I attended the course."*
- *"Really learned a lot and enjoyed the training."*
- *"Good use of applicable Operating Experience and excellent PowerPoint presentation."*
- *"Instructor very knowledgeable and experienced."*
- *"Good learning venue and lesson plan content."*
- *"Instructor was quite accommodating assisting me in concepts and did so without disrupting the class."*
- *"Really enjoyed the classroom exercises which reinforced the various concepts being taught."*
- *"Contemporary topics such as NEI 94-01, revision 3-A implementation and review of pertinent industry Operating Experience provided valuable program improvement information."*
- *"Course content was suitable and beneficial to new as well as incumbent App J Program owners."*
- *"Greatly appreciated the discussions centering on program improvement initiatives and advance planning strategies."*
- *"Having the opportunity to conduct LLRT's on the simulator mock-up with an actual leak rate monitor greatly improved my knowledge and overall awareness of what the testing entails."*

Registration

Please register by 5 p.m. Friday January 18, 2019. After this date, please contact Pam Gilroy to confirm availability.

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

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Please register by Friday January 18, 2019

General Information

Name:

Job Title:

Company:

Nuclear Plant:

Work Telephone:

Cell Telephone:

Fax:

Email:

Payment Information

Check one form of payment:

CREDIT CARD CHECK # _____
 Visa MasterCard American Express Other

Card #

Exp. Date:

Cardholder Name:

Credit Card Billing Address

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 970-252-1489 or email pgilroy@tnorthconsulting.com . Check our website for updated training information and schedules: www.tnorthconsulting.com