

10 CFR Appendix J Program Training

February 1- 3, 2022

Montrose, Colorado

Course will be conducted to accommodate both "In-Person" and Virtual Attendance. Please specify desired option on Registration Form

OVERVIEW

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 CONTENT

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. The course curriculum has been designed to meet the needs of the student regardless of experience level.

- 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

GSE TrueNorth 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. TrueNorth has also presented IST, Thermal Performance, Heat Exchanger, and GL-89-13 training throughout the Nuclear Industry.

SCHEDULE AT A GLANCE – February 1 - 3, 2022

Tues, February 1	8am –5pm MST
Wed, February 2	8am –5pm MST
Thurs, February 3	8am – 5pm MST

NOTE: 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.

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.

FEE: \$1,750

**** IMPORTANT:** As an attending student, you are asked to bring your Appendix J Program document/procedure. Several 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.

Training material will be in electronic form available for download prior to the course.

LOCATION & ACCOMMODATIONS

Holiday Inn Express Montrose
 1391 South Townsend Ave
 Montrose, CO 81401
 970-240-1800
 Specify you are with True North Consulting for the \$99 rate.

ABOUT THE INSTRUCTORS

Dean Hecht | dhecht@tnorthconsulting.com | 970.964.2749

Dean brings 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.

Robert McGowen | rbm@tnorthconsulting.com | 970.901.0889

Robert 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. Robert'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.

QUESTIONS - Contact Pam Gilroy at pamela.gilroy@gses.com or call 970.252.1489.

WHAT OTHERS ARE SAYING

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.

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.

Good use of applicable Operating Experience and excellent PowerPoint presentation.

Instructor was quite accommodating assisting me in concepts and did so without disrupting the class.

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.

