

# 10 CFR Appendix J Program Training

**August 28-30, 2023**

Montrose, Colorado (Virtual options available)

Presented by: GSE Programs & Performance (Formerly known as True North Consulting)

Please note: True North Consulting has a new name - **GSE Engineering, Programs & Performance** group. The new name will not affect group operations, which will remain intact, every employee is still more dedicated than ever and is looking forward to continuing to serve you.

## OVERVIEW

The course is comprehensive with respect to programmatic aspects of 10 CFR 50 Appendix J, provides a specific focus on current industry developments such 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, 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 student’s needs 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 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. GSE has also presented IST, Thermal Performance, Heat Exchanger, and GL-89-13 training throughout the nuclear industry.

### SCHEDULE AT A GLANCE

Monday	8 am – 5 pm MST
Tuesday	8 am – 5 pm MST
Wednesday	8 am – 5 pm MST

### 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 and available for download before the course.

### 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. The attendee is responsible for keeping and presenting the certificate to any organization that requires it.

### TRAINING LOCATION & ACCOMMODATIONS

Holiday Inn Express Montrose

1391 South Townsend Ave

Montrose, CO 81401

970-240-1800

Specify that you are with GSE for the \$139 rate.

## ABOUT THE INSTRUCTOR

Robert McGowen | [robert.mcgowen@gses.com](mailto:robert.mcgowen@gses.com) | 970.901.0889

Mr. Garofoli's background encompasses significant expertise with forty-plus years in Nuclear Propulsion, IST and Appendix J testing and coordination, Operations Department testing supervision and scheduling, and diverse technical experience in nuclear power plants. David's focus on strengthening and standardizing Engineering Program positions has advanced nuclear power throughout the industry. Additionally, David received a Senior Reactor Operator Certification and has performed training and IST Program 10-year Updates for many US Nuclear Utilities.

**QUESTIONS** - Contact Pam Gilroy at [pamela.gilroy@gses.com](mailto:pamela.gilroy@gses.com)

### 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.

## REGISTRATION FORM

**IST Training**

August 21-25, 2023

**DEADLINE – May 13, 2023**
**E-mail:** [pam.gilroy@gses.com](mailto:pam.gilroy@gses.com)
**Mail to:** Pam Gilroy, GSE Programs & Performance

150 Merchant Drive | Montrose, Colorado 81401

**Or Register Online at:** [www.gses.com/training-registration/](http://www.gses.com/training-registration/)

<b>Name</b>				
<b>Title</b>				
<b>Company</b>				
<b>Plant</b>				
<b>Telephone</b>				
<b>Email</b>				
<b>Attendance</b>	<input type="checkbox"/> In-person		<input type="checkbox"/> Virtual	
<b>Payment Information</b>				
<b>Form of Payment</b>	<input type="checkbox"/> Credit Card		<input type="checkbox"/> Check	<input type="checkbox"/> Other
	<input type="checkbox"/> Visa	<input type="checkbox"/> MC	<input type="checkbox"/> Amer	# _____ Specify _____
<b>Card Number</b>				
<b>Expiration Date</b>				
<b>Cardholder Name</b>				
<b>Card Billing Address</b>				
<b>Signature</b>				
<b>Cardholders Email</b>				
<b>Cardholders Phone</b>				

- 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 GSE 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 email [pam.gilroy@gses.com](mailto:pam.gilroy@gses.com)