

Inservice Inspection Programs Training

10CFR50.55a and 50.69 Engineering Programs, ASME Code, BPV Section XI, and Augmented Inspection Programs

January 22 – 26, 2024

This course is being planned as “In-Person” training. See below for details.

OVERVIEW

The Inservice Inspection (ISI) Programs Training course focuses on regulatory and code-driven Inservice Inspection related programs covering both introductory bases and detailed requirements and is intended for Engineering Programs personnel that are responsible for managing, developing, implementing, and maintaining Inservice Inspection, Risk-Informed Inservice Inspection, Containment Inspection, System Pressure Testing, Repair/Replacement, and other related Augmented Inspection Programs.

COURSE CONTENT

Managing a power plant’s various Engineering Programs requires an in-depth understanding of the Regulatory and Code requirements, of the typical parts that comprise an efficient/compliant Program, and of the types of tools needed to optimize implementation and controls of the Program. This course is designed to provide an initial overview of Inservice Inspection (ISI) Programs and the governing Regulations and ASME Code, BPV Section XI, as well as typical related augmented and owner inspection programs. Detailed requirements for Inservice Inspection, Risk-Informed ISI, Containment Inspection, System Pressure Testing, and Repair/Replacement programs will be covered. Regulatory requirements and guidance documents will be discussed, key components of a thorough program will be reviewed, and comprehensive practical applications and examples will be presented in an interactive manner.

Specific topics covered in this training include the following:

- Background, history, and overview of the Inservice Inspection related Programs
- Federal Regulations and the use of Section XI Code, Code Cases, and Interpretations
- Regulatory Requirements including Conditions, Prohibitions, and Limitations
- Seeking Relief from 10CFR50.55a and Section XI Code Requirements
- Risk-informed Inservice Inspection Program Options, Applications, and Optimization
- Introduction to 10CFR50.69 Alternate Treatment Options and Implementation
- Licensing Bases and Augmented Inspection Programs
- Classification of Components for Application of Section XI Requirements
- ISI Program Development Process and 10-Year Interval Implementation, Closeout, and Updates
- Program Plans and Schedules, Program Support Documents, and Program Tools
- Program Controls, Ownership, and Maintenance
- Interface with other Engineering Programs (e.g., OM Code, App. J Leak Rate Testing, Buried Piping)

SCHEDULE AT A GLANCE

The curriculum has been designed to meet common student needs - regardless of experience level. Daily modules are organized to be topic area-specific for various program owner duties.

January 22 – 26, 2024

Mon, January 22	8:00am – 5:00pm (EST)	Module 1: Introduction to Inservice Inspection of Nuclear Power Plant Components
Tue, January 23	8:00am – 5:00pm (EST)	Module 2: Inservice Inspection (ISI) of Class 1, 2, and 3 Components, and Risk-Informed Inservice Inspection (RI-ISI) Applications
Wed, January 24	8:00am – 5:00pm (EST)	Module 3: Repair/Replacement Activities for Code Classed Nuclear Power Plant Components
Thu, January 25	8:00am – 5:00pm (EST)	Module 4: Containment Inservice Inspection (CISI) of Class MC Metal and CC Concrete Containment Components
Fri, January 26	8:00am – 2:00pm (EST)	Module 5: System Pressure Testing (SPT) of Class 1, 2, and 3 Pressure Retaining Components and Buried Piping
Fri, January 26	4:00pm – 7:00pm (EST)	Post (Optional): Historic Charleston - Based solely on interest and travel plans.

CONTINUING EDUCATION UNITS (CEU)

Each attendee will receive a Certificate of Completion for 3.7 Continuing Education Units (CEU) credits to qualify for 37 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 such.

FEE: \$2,695 (All Training Modules)

Attendees can also elect to sign up on an ala carte basis for an individual training module(s), fees are as follows:

Module 1:	\$900	Module 4:	\$700
Module 2:	\$700	Module 5:	\$500
Module 3:	\$700		

IMPORTANT INFORMATION

- Attendees should have an electronic and/or hardcopy of the 2019 Edition of the ASME Boiler & Pressure Vessel Code, Section XI, Division 1.
- Training material will be available for download prior to the course. If a hard copy version of the material is desired, please specify on the registration form.

TRAINING LOCATION / ACCOMMODATIONS

Holiday Inn Express & Suites Charleston Airport & Convention Center
3025 West Montague Ave
North Charleston, SC 29418
(843) 207-2241

Participants are recommended to make refundable reservations at the Holiday Inn Express & Suites Charleston Airport & Convention Center. Other local lodging options are available in this area, close to Charleston International Airport. The Holiday Inn Express & Suites has a 24-hour shuttle service to/from the airport for your convenience.

INSTRUCTORS

Mark Ferlisi, PE – Sr. SME/SPE, Specialty Engineering Programs
mark.ferlisi@gses.com | 704.650.3229

Mr. Ferlisi has worked in the nuclear power industry for more than 40 years, with more than 25 years experience in the development, management, and implementation of ASME Section XI Inservice Inspection and Repair/Replacement Programs for Duke Energy Corporation. Mr. Ferlisi is an active member of the ASME Standards Committee on Nuclear Inservice Inspection (BPV Section XI), where he serves as the Chair of the Section XI SubGroup on Water Cooled Systems, the Chair of the Section XI Working Group on Containment, and he also is an active member of the Section XI Working Group on Inspection of Systems and Components. Mr. Ferlisi is also a Contributing Member of the ASME Board on Nuclear Codes and Standards (BNCS) and is the past Chair of the BNCS Task Group on Regulatory Endorsement.

Dan Lamond – Sr. Manager, Specialty Engineering
daniel.lamond@gses.com | 630.728.4615

Mr. Lamond has more than 30 years of experience in the nuclear power industry and has extensive experience in the development, management, and implementation of various regulatory, industry, owner, and ASME Engineering Programs, including application of licensing and regulatory requirements, Risk-Informed and Risk-Based initiatives, Inservice Inspection and Testing, and aging management programs. Mr. Lamond currently serves as the Chair of the ASME Standards Committee on Nuclear Inservice Inspection (BPV Section XI), as the Vice Chair of the BPV Section XI Executive Committee, as a member of the Technical Interpretation Committee, and he also is an active member of a number of subordinate committees reporting to Section XI such as the SubGroup Water Cooled Systems, the Working Group RI-ISI Activities, and the Working Group Pressure Testing. Mr. Lamond is also a member of the ASME Board on Nuclear Codes and Standards (BNCS).

QUESTIONS

Contact either Mark or Dan via email or phone.

REGISTRATION FORM

Inservice Inspection Programs Training January 22 – 26, 2024

DEADLINE – January 7, 2024
 (please call/email for registration after this date)

To Register: www.gses.com/training-registration/
 Or E-mail Form to: daniel.lamond@gses.com
 Questions: 630-728-4615

Payments must be received before the training.
Send Payment Information to:
jacob.hebbel@gses.com or call 970-964-2761

Or mail checks to:
 GSE Performance Systems (Attn: Training Group)
 6940 Columbia Gateway Dr., Suite 470
 Columbia, MD 21046

Name:			
Job Title:			
Company:			
Plant:			
Mailing Address:			
Phone:		Email:	
Materials/Attendance	Materials: <input type="checkbox"/> Request printed copy	Attendance: <input checked="" type="checkbox"/> In-Person	
Course Registration:			
<input type="checkbox"/> Training Modules 1 thru 5 (\$2,695)			
<i>Or, Select Individual Modules Below</i>			
<input type="checkbox"/> Module 1: Introduction to Inservice Inspection of Nuclear Power Plant Components (\$900)			
<input type="checkbox"/> Module 2: ISI of Class 1, 2, 3 Components, and RI-ISI Applications (\$700)			
<input type="checkbox"/> Module 3: Repair/Replacement Activities for Code Classed Nuclear Power Plant Components (\$700)			
<input type="checkbox"/> Module 4: CISI of Class MC Metal and CC Concrete Containment Components (\$700)			
<input type="checkbox"/> Module 5: SPT of Class 1, 2, 3 Pressure Retaining Components and Buried Piping (\$500)			
Payment Information			
Check one form of payment:	<input type="checkbox"/> CREDIT CARD <input type="checkbox"/> Visa <input type="checkbox"/> MasterCard <input type="checkbox"/> American Express		<input type="checkbox"/> CHECK# _____ <input type="checkbox"/> Other
Card #: (Provide or Call)			Exp. Date:
Cardholder Name:			
Credit Card Billing Address:			
Signature:			
Cardholder's Email Address/Phone Number:			
<ul style="list-style-type: none"> • Remittance of payment is due at least one week prior to the first day of training. • Receipt for payment will be emailed as confirmation. • If a company or third party will be compensating GSE for the 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. 			