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ASME SECTION III – WORKSHOP APPLICATION OF NCA-4000/NQA-1

LECTURER: Mr. Richard W. Barnes, P. Eng
DATE: See Website for Dates
LOCATION: ON-LINE Delivery through ANRIC Enterprises Inc.
FEE: Register & PAY three (3) weeks before the start: \$620.00⁸ (pp/plus HST).
 Register within three (3) weeks of the start: \$820.00 (pp/plus HST).
 Group pricing available; please contact <training@anric.com> or
 Call (416) 253-9459. **
 Payment can be made by Credit Card or Purchase Order.
 * Further fee reduction when combined with NCA-4000/NQA-1 Course.

OBJECTIVE:
 This one-day workshop will provide participants with practical experience in the application of the ASME QA Code requirements by:

- Participating as team members to analyze selected survey / audit findings.
- Relating the findings to the QA requirements violated.
- Discussing the most probable cause(s) of the deficiency.
- Proposing methods and practices to meet the QA requirements.
- Proposing possible actions to minimize future findings.
- Reporting the team results back to the class.

This workshop builds on the two-day NCA-4000 course showing how interpretation and disposition of findings can be achieved. It helps people to overcome the difficulty they experience with the actual application of the code requirements and provides them with confidence in their own ability to apply these requirements.

CONTENTS: Online delivery – Course delivered over the period of one full day (8:00 am – 4:00 pm):

WORKSHOP CONTENT	WORKSHOP CONTENT
SESSION 1 <ul style="list-style-type: none"> • QA PROGRAM • DESIGN CONTROL 	SESSION 4 <ul style="list-style-type: none"> • CONTROL OF MEASURING & TEST EQUIPMENT • CONTROL OF NONCONFORMANCE
SESSION 2 <ul style="list-style-type: none"> • PROCUREMENT DOCUMENT CONTROL • INSPECTION PROCEDURES, DRAWINGS 	SESSION 5 <ul style="list-style-type: none"> • WRAP UP DISCUSSION • ESSAY TEST
SESSION 3 <ul style="list-style-type: none"> • CONTROL OF PURCHASED ITEMS • IDENTIFICATION & CONTROL OF ITEMS 	

WHO SHOULD ATTEND?
 Persons who possess a working knowledge of the Nuclear QA Program requirements and who have completed the ASME Section III, NCA 4000/NQA-1 course. This workshop will be useful to those involved in implementing Nuclear QA Programs including managers, supervisors, designers, inspectors, procurement agents, manufacturers, regulators, nuclear operators and maintenance personnel.

It has proven to be very useful for the development of those individuals wanting to be Lead Auditors.

EXPECTATIONS:

Course participants will actively participate as team members to gain practical hands-on experience by recognizing survey/audit findings, determining their root cause(s), providing corrective and preventative action to effectively implement QA Program requirements.

LECTURER:

Mr. Richard W. Barnes is the Principal Engineer at ANRIC Enterprises Inc. and has been actively involved for over 30 years in the development of the ASME and CSA Codes and Standards associated with Pressure Boundary for both nuclear and non-nuclear power plants. Mr. Barnes leads the team at ANRIC Enterprises Inc that offers technical assistance for companies registering Pressure Boundary items and provides expert consultation on the application of the various pressure boundary codes.

Mr. Barnes sits on various code committees responsible for the development of Codes and Standards for quality assurance and requirements for the pressure boundary. He is:

- Past-chair and member of the ASME Standard Committee of the BPV III (Section III).
- Past Vice-Chair and member of N285A Technical Committee.
- Member of the B51 Technical Committee.
- Member of N286 Technical Committee; and
- Member of ASME B16 Standards Committee.

Mr. Barnes is a Fellow of ASME and has been recognized for contribution to the industry through the following awards:

- The ASME Dedicated Service Award.
- The Bernard F. Langer Nuclear Codes and Standards Award.
- The CNA Outstanding Contribution Award.
- The CSA Award of Merit; and
- The ASME Melvin R. Green Codes and Standards Medal.

ANRIC Enterprises Inc. specializes in courses of calibre to industry by providing lecturers who have recognized expertise and who are usually involved with the development and application of Codes and Standards.

IMPORTANT INFORMATION:

PAYMENT: Full payment is due at time of registration. Payment can be made via credit card (VISA, MasterCard or American Express) or purchase order. **PLEASE NOTE:** Payment is non-refundable within 3 weeks prior to the start of the course.

CANCELLATION POLICY: Cancellation must be received in writing 7 days prior to course start date. You may send a substitute. Notification of a substitute must be received at least **72 hours prior to the commencement of the course to allow time for delivery of course material.** If a substitute is not available, the fee for the course may be used towards another ANRIC course at a later date.

**** ANRIC Enterprises Inc. reserves the right to cancel any course and/or change lecturers. Courses that fail to register a "MINIMUM" of 6 participants will be cancelled. Personnel who require this course to meet qualification requirements should contact the office at training@anric.com to discuss/arrange other options.**

INFORMATION ASSOCIATED WITH ON-LINE COURSES FOLLOWS:

The course is delivered on-line.

The maximum number of people per course is 16 people. This limitation is set because the courses are run with Workshops using Breakout Rooms to provide for maximum interaction and learning experience. This provides an excellent learning opportunity.

All rights, title and content of the course manuals and all other instructional material shall remain the property of ANRIC Enterprises Inc.

The manuals will be delivered to course participants by courier.

The course is run online in one full day. If desired, it can be split into 2 half-day sessions.

REQUIREMENT: This course requires participants to have video and audio capability.

There will be an examination/checkout at the end of each course. ANRIC Enterprises Inc. will only provide certificates of successful completion for participants that achieve an examination result of 80% or higher and video access is required for the checkout.