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REFURBISHMENT/MAINTENANCE PROJECTS APPLICATION OF CSA Z299 STANDARDS TRAINING WORKSHOP

Canadian Utilities evaluate the quality assurance programs of potential manufacturers and suppliers for the supply chain of their Nuclear Power Plants using the requirements of the CSA Z299 Series of Quality Assurance Standards. With the continued refurbishment and maintenance of the plants in Canada, manufacturers and suppliers who want to be part of this activity will most times be required to meet these requirements. This course provides an in-depth basis for understanding these requirements. Using the knowledge gained from this program, manufacturers and suppliers will be able to evaluate their existing programs to determine the gaps that need to be addressed.

OBJECTIVE:

This two day course will lead the participants, through active discussion, to a clear understanding of the current interpretation of the Z299 standards. A practical example, with an actual product, is used in a group environment to help the participants determine which Z299 program would apply to sub-suppliers of materials and components using the preferred prescribed method in the CSA standard Z299.0.

CONTENTS: A two day course consisting of the following:

<p>DAY 1:</p> <p>FRONT END ACTIVITIES</p> <ul style="list-style-type: none"> • What does all the front end information of the standard mean? • How independent is "independent" for Z299? • Indoctrination and training of staff. <p>FOR EACH OF THE Z299 ELEMENTS</p> <ul style="list-style-type: none"> • What does the standard say? • What does it mean? <p>DISCUSSION OF EACH ELEMENT</p> <ul style="list-style-type: none"> • Control of Quotation & Customer PO's • Design • Control of Documents • Measuring & Test Equipment • Control of Purchased Goods from Vendors • Inspection and Test Plans • Incoming, In-Process & Final Inspections and their Status • Identification and Traceability Requirements • Handling and Storage 	<p>DAY 2:</p> <p>CONTINUATION OF DISCUSSION</p> <ul style="list-style-type: none"> • Control of Production • Special Processes • Control of Packaging & Shipping • Quality Records • Non-Conformance and Corrective Action • Control of Customer Supplied Items • Statistical Control Including Sampling, Lots, Batches • Audits of Self and Suppliers <p>Lots of Time for Questions and Answers</p> <p>SELECTING THE RIGHT Z299 PROGRAM</p> <ul style="list-style-type: none"> • Using a Practical Example, Select the Right Z299 Program for Products Supplied by Vendors. <p>RELEVANT RELATED TOPICS</p> <ul style="list-style-type: none"> • Why is ISO 9001 Inadequate for Nuclear Application? • Environmental Qualification • Commercial Grade Dedication
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WHO SHOULD ATTEND?

Persons requiring an in-depth knowledge of the Z299 series of QA standards and how to apply them. This workshop will be useful to the many disciplines involved in the manufacturing and utility industries supporting the refurbishment projects. The personnel in these disciplines include managers, supervisors, designers, inspectors, QA officers, manufacturers and regulators.

EXPECTATIONS:

Course participants will be expected to actively participate in the discussions with both questions and comments. These discussions are expected to allow the participants to understand the details of the Z299 QA standards as well as preparing them to be able to select the appropriate Z299 standard for any product.