Identifying and Preventing the Use of Counterfeit, Fraudulent and Suspect Items (CFSI)

A Practical, Case Study-based Training Program
Led by

Clayton T. Smith

About This MasterClass
This one-day MasterClass focuses on identifying and preventing the use of Counterfeit, Fraudulent, and Suspect Items (CFSI) to ensure that industry and regulatory expectations are met. This class will highlight case studies and best practices with an emphasis on review of procurement documentation, vendor selection and history, including incorporation of robust receiving criteria. 10 CFR Part 50, NRC Generic Letter 89-02, and ASME NQA-1-2008 with 2009 Addenda Quality Assurance Requirements for Nuclear Facility Applications are used as the framework for this discussion.

For more information and to register, visit http://go.asme.org/mc103
The ASME MasterClass Series focuses on applications and case studies of a particular topic. Each MasterClass is led by an ASME Master, an expert in his professional discipline, who brings a wealth of knowledge and practical examples to the forum. Participants are expected to have prior knowledge of the topic area to gain the most from this interactive environment. Sessions are focused on real world examples and case studies, with active class discussion and analysis.

About this MasterClass

What are Counterfeit, Fraudulent and Suspect Items (CFSI)? They are typically the following:

- An unauthorized copy
- An item that does not conform to original equipment /component manufacturer (OEM/OCM) design, model and/or performance standards
- Not produced by the OEM / OCM - produced by unauthorized contractors
- An off-specification, defective or used OEM / OCM product sold as "new" or working
- Has incorrect or false markings and / or documentation
- CFSI are generally "assumed" to be imported – but often are "Made in the USA"

In short, CFSI do not meet the rigorous Nuclear Industry technical and quality requirements, and can cause a reduction in the public perception of the Nuclear Industry, as well as a significant increase in Nuclear Power Plant operational cost to contain and correct substandard items.

This one-day MasterClass focuses on identifying and preventing the use of Counterfeit, Fraudulent, and Suspect Items (CFSI) to ensure that industry and regulatory expectations are met. This class will highlight case studies and best practices with an emphasis on review of procurement documentation, vendor selection and history, including incorporation of robust receiving criteria. 10 CFR Part 50, Appendix B, ACI, ASME Section III, ASME Section XI, and NQA-1 Quality Assurance program creation. He specializes in Nuclear Safety Related, ASME Section III, Division 1 & 2 design, construction, and procurement; Section XI nuclear power plant repair and replacements, coupled with traditional non-nuclear ACI, ASME and AWS Code design, construction, fabrication & installation; and National Board Inspection Code (NBIC) alteration and repair activities.

Mr. Smith is a NQA-1 qualified Lead Auditor, multidiscipline NDE and QC Level III, and holds various ACI certifications. He serves on the ASME Board of Nuclear Codes and Standards, ASME Section III Standards Committee, Committee for Nuclear Certification, and as chair/vice-chair, as well as being an active member, in many ACI, ASME, and AWS Standards Development Organization Committees. Finally, Mr. Smith is a member of ASME Nuclear Engineering Division (NED) Executive Committee, the Secretary of the NED Technical Committee 4, "Safety, Codes, Standards and Regulation," and a member of the Nuclear Power International Technical Program Committee.

About this ASME Master

Clayton T. Smith, P.E., PMP
Technical Services Director and Fluor Fellow, Fluor Nuclear Power division of Fluor Enterprises, Inc.

Mr. Smith's over 30 years of experience includes extensive 10 CFR Part 50, Appendix B, ACI, ASME Section III, ASME Section XI, and NQA-1 Quality Assurance program creation. He specializes in Nuclear Safety Related, ASME Section III, Division 1 & 2 design, construction, and procurement; Section XI nuclear power plant repair and replacements, coupled with traditional non-nuclear ACI, ASME and AWS Code design, construction, fabrication & installation; and National Board Inspection Code (NBIC) alteration and repair activities.

Mr. Smith is a NQA-1 qualified Lead Auditor, multidiscipline NDE and QC Level III, and holds various ACI certifications. He serves on the ASME Board of Nuclear Codes and Standards, ASME Section III Standards Committee, Committee for Nuclear Certification, and as chair/vice-chair, as well as being an active member, in many ACI, ASME, and AWS Standards Development Organization Committees. Finally, Mr. Smith is a member of ASME Nuclear Engineering Division (NED) Executive Committee, the Secretary of the NED Technical Committee 4, "Safety, Codes, Standards and Regulation,” and a member of the Nuclear Power International Technical Program Committee.

Who Should Attend

This MasterClass is designed for experienced nuclear industry professionals involved in planning, procurement, engineering, contract review, quality control inspection, and quality assurance.

You Will Learn To

- Identify the impact of Counterfeit, Fraudulent, and Suspect Items (CFSI) in the Nuclear Industry.
- Develop tools to assist Engineering, Procurement, and Quality in the identification and containment of CFSI, including documentation, inspection, and testing.
- Identify common errors that occur during the procurement and receipt processes and provide alternative solutions to minimize these errors.
- Describe the expectations of industry auditing teams

MasterClass Requirements

This MasterClass is structured on the assumption that participants have a basic understanding of material and services control including, procurement, receipt inspection and material identification.

Participants are encouraged to bring examples of particularly challenging issues encountered on the job for in-class discussion.