

Industry Codes and Standards Workshop

| DAY 1 | | |
|---------------|--|--|
| Time | Session 1 | |
| 08.00 – 08.45 | Opening remarks | |
| 08.45 – 10.00 | M1. Introduction to Codes and Standards | |
| 10.00 – 10:15 | <i>Break</i> | |
| 10:15 – 12.00 | M2. NRC Regulations related to Codes and Standards | |
| 12.00 – 13.00 | <i>Lunch</i> | |
| 13.00 – 14:30 | M3. Nuclear Quality Assurance | |
| 14.30 – 14:45 | <i>Break</i> | |
| 14.45 – 16:15 | M3. Nuclear Quality Assurance (cont'd) | |

| DAY 2 | | |
|---------------|--|--|
| Time | Session 2 | |
| 08.00 – 09.30 | M4. Mechanical Codes and Standards A) ASME B&PV Code, Section III, General Requirements | |
| 09.30 – 09.45 | <i>Break</i> | |
| 09.45 – 12.00 | B) ASME B&PV Code, Section III, NB, Class 1 | |
| 12.00 – 13.00 | <i>Lunch</i> | |
| 13.00 – 14:30 | C) ASME B&PV Code, Section III, NC to NH and Appendices | |
| 14.30 – 14:45 | <i>Break</i> | |
| 14.45 – 16:15 | D) ASME B&PV Code, Section XI, PSI/ISI | |

| DAY 3 | | |
|---------------|--|--|
| Time | Session 3 | |
| 08.00 – 09.30 | E) ASME OM Code, PST/IST | |
| 09.30 – 09.45 | <i>Break</i> | |
| 09.45 – 12.00 | F) Nuclear Air and Gas Treatment G) Nuclear Cranes H) NDT Personnel Qualification | |
| 12.00 – 13.00 | <i>Lunch</i> | |
| 13.00 – 14:30 | M5. Electrical and Instrumentation & Control Codes and Standards A) Overall Requirements B) IEEE-603, Safety Systems | |
| 14.30 – 14:45 | <i>Break</i> | |
| 14.45 – 16:15 | C) IEEE -379, Single-Failure Criterion D) IEEE-384, Independence of Class 1E Equipment E) IEEE-323, Class 1E Equipment Qualification F) IEEE-344, Seismic Qualification of Class 1E Equipment | |

| DAY 4 | | |
|---------------|---|--|
| Time | Session 4 | |
| 08.00 – 09.30 | G) IEEE-336, Installation, Inspection, and Testing H) IEEE 338, Periodic Surveillance Testing I) ISA-67.04.01, Set-points J) IEEE 7-4.3.2, Digital Computers K) IEEE-497, Accident Monitoring Instrumentation | |
| 09.30 – 09.45 | <i>Break</i> | |
| 09.45 – 12.00 | L) IEEE-308, Class 1E Power Systems M) IEEE-741, Protection of Class 1E Power Systems N) IEEE-765, Preferred Power Supply (PPS) O) IEEE-387, Emergency Diesel Generators (Class Exercise) P) Non-IEEE Standards | |
| 12.00 – 13.00 | <i>Lunch</i> | |
| 13.00 – 14:30 | M6. Civil/Structural Codes and Standards A) Identification of Pertinent Civil/Structural Codes and Standards B) A36, Carbon Structural Steel C) C31, Concrete Test Specimens D) C94, Ready-Mixed Concrete E) C143, Slump Testing F) C150, Portland Concrete G) C476, Grout for Masonry | |
| 14.30 – 14:45 | <i>Break</i> | |
| 14.45 – 16:15 | H) ACI-304, Measuring, Mixing, Transporting, and Placing Concrete I) ACI-318, Structural Concrete J) ACI-349, Safety-Related Concrete Structures | |

| DAY 5 | | |
|---------------|---|--|
| Time | Session 5 | |
| 08.00 – 10.00 | K) AISC-360, Structural Steel Buildings L) N690, Safety-Related Steel Structures M) AES D1.1, Structural Welding Code — Steel | |
| 10.00 – 10.15 | <i>Break</i> | |
| 10.15 – 11.00 | Summary/Questions & Answers | |
| 11.0 – 11.30 | Presentation of Certificates Closing Remarks | |
| 11.30 | Adjournment | |