



MC115 Run-or-Repair Operability Decisions for Pressure Equipment and Piping Systems in Nuclear Plants

Day 1

- Overview of ASME nuclear codes and standards and NRC regulations in making run-or-repair operability decisions
- Case Study 1: Flow-Induced Vibration in Piping
- Case Study 2: Waterhammer in Pressurized Water System
- Case Study 3: Steam-Water Cavitation Waterhammer
- Case Study 4: Corroded Tank
- Case Study 5: Corroded Piping System

Day 2

- Case Study 6: Pitting Corrosion of Vessel
- Case Study 7: Fatigue Failure by Thermal Transient
- Case Study 8: Rupture of a Mechanical Joint
- Case Study 9: Leakage of Flange Joint
- Case Study 10: Corrosion in Metallic Buried Pipe
- Summary and Wrap-up