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NNSA QA Initiative

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NNSA QA Initiative

Objectives

- Improve Quality Performance on Nuclear Construction Projects
- Reinforce the Culture Necessary to Achieve Effective Quality Implementation in NNSA Activities



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Current Actions

- Initiative Plan for Action Developed
- Senior Executive Committee Including NNSA and EFCOG Representatives Established
- Task Teams Established for Nuclear Construction Project Quality and QA Baseline Establishment
- Revised NA-10 Quality Program Plan Developed



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Nuclear Construction Project Task Team (Daniel Zweifel, SRS0, Lead)

- Extract Lesson Learned from Recent Projects
 - Tritium Extraction Project (TEF) at SRS
 - Waste Management Risk Mitigation (WMRM) project at LANL
 - Highly Enriched Uranium Manufacturing Facility (HEUMF) at Y-12
- Ensure Lesson Learned to Transferred to High Visibility Projects
 - Pit Disassembly and Conversion Facility (PDCF) at SRS
 - Uranium Processing Facility (UPF) at Y-12
 - Chemistry and Metallurgy Research building Replacement (CMRR) at LANL



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Quality Assurance Baseline Team (Anita Leivo, LASO, Lead)

- **Determine Current QA Culture Status**
 - Collaborative, Self Assessment Based Approach
 - Use of Assessments, Surveys as Supplements
 - Establish Baseline for Improvement Measurement
- **Evaluating NQA-1 Editions (200, 2004, 2008) for Best Fit to NNSA Needs**



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NA-10 QPP

- Provides Uniform Approach for NNSA Sites to Apply NQA-1
- Second Document Needed to Document NA-10 Activities
- Appropriate Edition of NQA-1 for NNSA Use Is Under Review
- Some Push-Back on NQA-1 from Sites
 - Large Investment in ISO-9000 Programs
 - Questions on Applying NQA-1 to Non-Nuclear Work