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QA Sub-Committee

**UPDATE
AND STATUS,
Michael Mason, DOE Las Vegas,
November 3, 2009**

QA Program

- **Regulatory Drivers**

- **ASME NQA-1 – QA Requirements for Nuclear Facility applications**
- **DOE Order 414.1C – Quality Assurance**
- **10CFR III Part 830, Subpart A – Nuclear Safety Management**
- **DOE/NNSA Weapon Quality Policy – QC-1**
- **ISO 9001 – Quality Management Systems-Requirements**

ISM/QA WORKING GROUP

- **Comprised of four (4) sub-groups (SG) with Chair for each SG:**
 - **Feedback & Improvement**
 - **ISM Program Management & Integration**
 - **QA**
 - **Quality Engineering**
 - **Supply Chain Quality**
 - **Policies & Procedures**
 - **Software Quality**
 - **QC (new)**
 - **Human Performance Improvement (HPI)**

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QE – D. Tepley

- **Hold & Witness Points – White Paper**
- **Roles & Responsibilities of Quality Engineer (posted)**
- **Develop QE Roles & Responsibilities Training**
- **Flow Chart Procurement & QE Interface**
- **CGD**

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Supply Chain – Paul Bills

- **Develop Central Database**
- **Develop Audit Schedule**
- **Accumulate Lead Auditor Certs**
- **Perform Assessments**
- **Stabilize Audit Format**

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Policies & Programs – B. Thompson

- **Develop Quality Matrices**
- **Support DOE EM Assessments**
- **Research & Recommend a set of Performance Metrics for Use by the Complex**
- **Support DOE LL efforts**
- **QA Attributes Matrix**
- **Graded Approach**
- **Management Assessment Format**

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Software QA – Sid Ailes

- **Define Differences in Safety vs. Non-Safety Quality Effecting**
- **Review Complex Software Products for Commonality**

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Quality Control - TBD

- **New Group**
- **Developed Charter**
- **Formation Meeting Scheduled**

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- **QA Improvement Project Plan: Sam Johnson/TBD**
 - **Task 1: Construction – P. Rhodes/K. Grooms**
 - **Task 2: Baseline QA – A. Levio/T. Wilde**
 - **Task 3: Flow down – TBD**
 - **Task 4: Work Packages & QC/Inspection – TBD**
 - **Task 5: Human Capital – M. Blackburn/TBD**
 - **Task 6: QA & Safety Culture - TBD**

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- **QA Program Improvement Project:
Sandra Waisley/Dave Tuttel**
 - **Task 1: Flow down – B. Huxford/A. Doswell**
 - **Task 2: NQA-1 Suppliers (lack of) – B. Rowland/R. Campbell**
 - **Task 3: CGD – P. Carrier/S. Turner**
 - **Task 4: Graded Approach – A. Hawkins/V. Grosso/M. Hassell**
 - **Task 5: Understanding QA & Oversight – T. Jackson/D. Hall**

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● **QUESTIONS**