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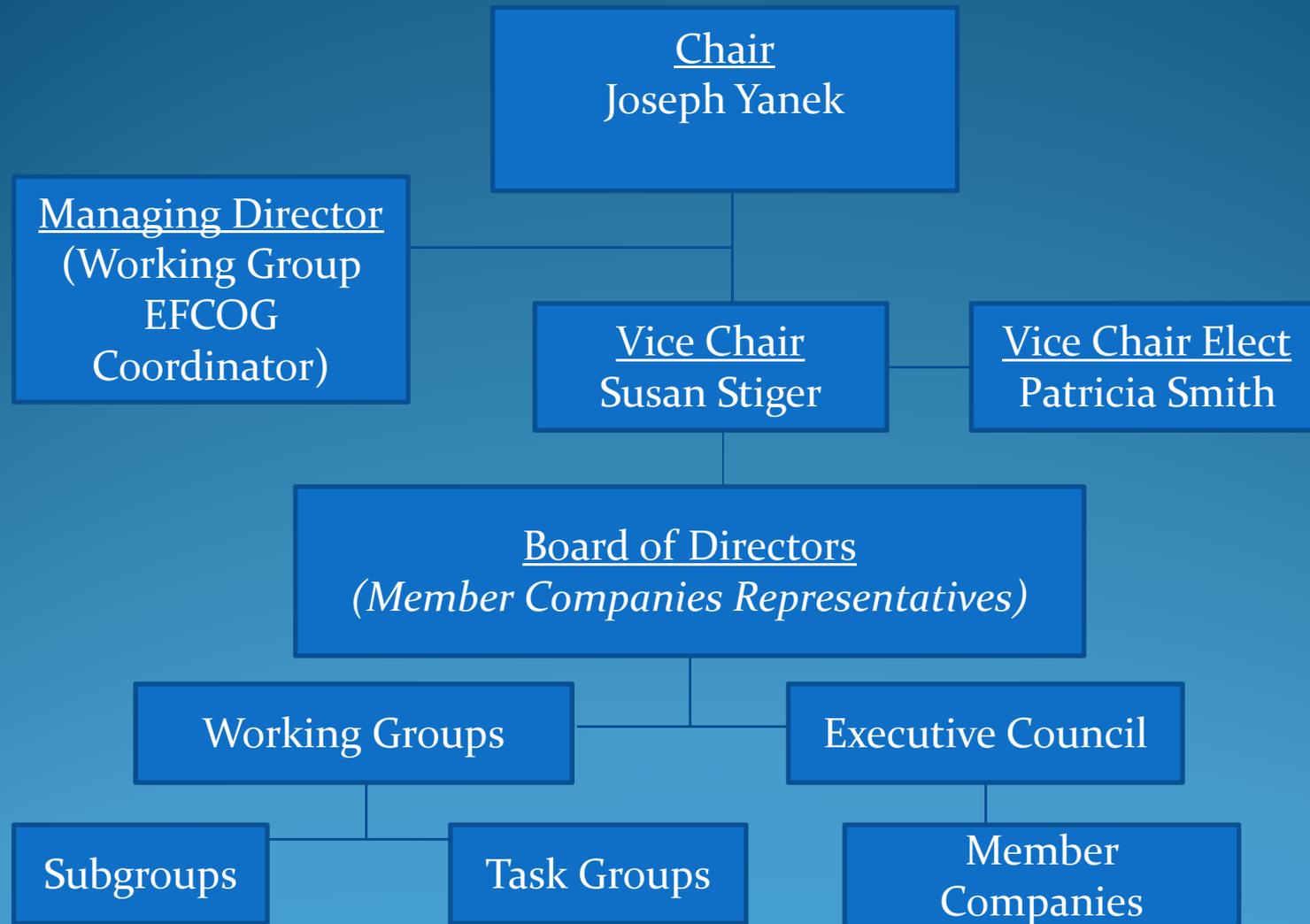
DOE QUALITY COUNCIL
FACE-TO-FACE
MEETING

December 6, 2011

ENERGY FACILITY CONTRACTORS GROUP (EFCOG)

- ORGANIZATION
- HISTORY
- CHARTER
- WORKING GROUPS
- QUALITY ASSURANCE

ORGANIZATION



EFCOG History

- Initiated by Secretary of Energy – James Watkins
- Chartered in December 1991
- Chartered to improve its operations with caveats:
 - EFCOG will not engage in lobbying
 - Will not intervene between member companies and DOE
 - Not be a contractor advocacy organization
 - Will not promulgate independent position on issues, regulations, DOE orders

EFCOG History: con't

- Charter group included eight (8) companies, LLNL, Argonne, Boeing Petroleum, Westinghouse-Hanford, EG&G, Allied Signal
- Initially focused on ES&H:
 - Safety Analysis
 - Conduct o Maintenance
- October 1992 the focus expanded to include :
 - Self Assessment
 - Root Cause Analysis
 - Total Quality Management
 - Radiation Protection
 - Value Engineering
 - Configuration Management

EFCOG History: con't

- 1993 membership grew to sixteen (16) and is at approximately 100 today
- Established ten (10) Working Groups
 - Safety Analysis
 - Maintenance
 - Self Assessment
 - Occupational Safety & Health
 - Configuration Management
 - Continuous Improvement
 - Prioritization
 - Radiation Protection
 - Technology Transfer
 - Energy Management

EFCOG History: con't

Thirteen (13) Working Groups/Chair Persons Today:

- Acquisition Management – Kathy Vaselopulus
- Contractor Assurance – Jack Anderson
- D&D and Facility Engineering – Paul Terp
- Energy & Infrastructure – Lynnwood Dukes - 3 sub –groups
- Enforcement Coordination – Conard Stair - 4 sub-groups
- Engineering Practices - Charles Kronvall - 6 sub-groups
- ES&H - Pat Padezanin - 8 sub-groups
- Human Capital - Diane Heusel
- ISM & QA - Norm Barker – 5 sub-groups
- Project Management - Robert Miklos – 2 sub-groups
- Safety Analysis - Robert McKeehan – 6 sub-groups
- Safeguards & Security - Reuben McGillary III – 2 sub-groups
- Waste Management - Sonny Goldston

ISM & QA Working Group Organization

- Sponsor - Robert Milazzo – Senior VP, Tetra Tech Inc.
- Chair – Norm Barker - VP QA & ISM, Energy Solutions
- 1st VC – John McDonald – CAS Mgr , River Protection Solution
- 2nd VC – Susan Kimmerly – QA Manager , Jacobs Engineering
- Secretary – Alice Lewis – Acquisition Services Lead – PNNL

- Sub-groups:
 - Chair – Mike Mason, Bechtel Corporate Quality
 - Vice Chair – Mike Hassell, QA Mgr, River Protection Solution
 - Software Quality – Team Leader – Debbie Williams, Y-12
 - Quality Control – Team Leader – Bob Carter, QC Mgr.
 - Quality Programs – Team Leader – Bob Thompson, QA Mgr, ICP
 - Supply Chain – Team Leader – Vince Grosso, Assess. Mgr.

Software Quality Tasks

- Review the draft DOE Guide for dedication of commercial grade software as well as current industry initiatives (e.g., NRC, ANS, IEEE, EPRI, NQA) and propose changes to DOE which will enhance contractor understanding of what constitutes an effective commercial dedication program for software.
- Review the GAO Report (GAO-11-143) and current industry standards on validation of computer models and propose guidance which will enhance contractor understanding of what constitutes an effective program for computer model validation.
- Review DOE Orders and Industry Standards and Guidance including NQA-1, IEEE, ANS, EPRI and others, as applicable, related to Software Quality Assurance to develop a common set of terminology and definitions to be used throughout EFCOG SQA publications.

Quality Control Tasks

- Assist the Work Management Task Team by providing direction in the application of a graded approach to work packages
- Define the multi-processes for the qualification/certification of QC personnel
- Define the interfaces Inspection and Test personnel have during implementation of a typical DOE contract, with requirements to implement DOE O 414.1 & ASME NQA-1.

Quality Policies and Programs Tasks

- Developing guidance on best practices for measuring (metrics) the health of quality.
- Quality Program matrices posted to the EFCOG web site. This task was to identify existing quality program matrices and post them on the EFCOG web site for use. In addition, a web address to existing published matrices such as those published in ASME NQA-1 are included.
- Provide support and interface activity for EM audits of EM site and contractor performance. This is an EM driven task to provide support and interface activities to the EM audit teams performing audits of EM site DOE organizations and prime contractors.

Supply Chain Quality Tasks

- Development of the Joint Supplier Evaluation Program (JSEP), which included the accessibility of a database for gathering audit data and making it available to the site EM Quality Audit organizations both contractor and DOE personnel
- Continue to work with NNSA program personnel to integrate the EM evaluation program with the NNSA evaluation program.
 - Regular teleconferences to discuss schedule and status of integration
 - Proposed joint EM/NNSA teleconference to describe status and solicit assistance
 - Working to make NNSA data base accessible to EM sites
- Completed three joint audits (Flanders Filters, ABW) to date using multi-site teams , using the JSEP procedural process and the audit format.