

## Overview of EFCOG ISMS Safety Culture -Contractor Workshop

Tuesday

August 26 08:30 – 16:00

Workshop Organizer: John McDonald, CH2MHILL, (Office) 509-373-0418, (Cell) 509-438-9257, [John\\_A\\_McDonald@rl.gov](mailto:John_A_McDonald@rl.gov).

### Workshop Purpose

This is an opportunity for all contractors to participate and provide input to a very important, complex wide priority. The purpose of this all day, facilitated workshop is to communicate the current status of the EFCOG/DOE Safety Culture Task Team and receive input from contractors on the final product. Since the product will not be mandated by DOE, guidance on implementation tools will be provided by EFCOG. The Task Team feels the most effective approach to implement these tools is to gain contractor commitment ahead of time. Benefits of this approach are the change would be more efficient with greater certainty of success and sustainable change. (This meeting replaces the previously scheduled EFCOG ISM Program Management and Integration Subgroup and Contractor Pre Workshop Communication meetings.)

### Background

- The need for a strong safety culture within the Department of Energy (DOE) complex has been established based on related industry experience. A compelling case exists for adopting safety culture characteristics within the DOE complex which will have a significant positive impact on mission performance and safety.
- Developing a strong safety culture is one of the DOE top Integrated Safety Management System (ISMS) priorities. The goal is to enhance existing ISMS to a level of excellence based on industry experience. ISM is working and has had a positive impact on improving performance. We are taking ISM to the next level by learning from others. This is a proactive initiative that captures event learning since ISM was first developed.
- The EFCOG/DOE ISMS Safety Culture Task Team was formed in 2008 to address this issue. The team has identified a draft consensus set of safety culture principles to be used by DOE and its contractors. Most of these attributes already exist within the DOE ISM Manual (ISM M450.4-1).
- The ultimate product of the Task Team is to issue an EFCOG document describing how these principles can be implemented to positively impact mission performance. The team is focused on tangible, rather than abstract, deliverables that are closely aligned with the existing ISMS. The product of this effort will be closely aligned with the existing ISMS.
- A number of existing and effective programs have been reviewed as part of this effort, including VPP, HPI, DNFSB Recommendation 2004-1, ISMS, HRO, INPO, IAEA, and NRC SCWE.

### Task Team Members

Contractor task team members below can be contacted for more information.

#### Contractor Executive Sponsor:

- David Amerine, Parsons

Contractor Co-Chair:

- John McDonald, CH2M HILL

Contractor Participants:

- Norm Barker, Energy Solutions
- Todd Conklin, LANL
- Frank McCoy, WGI
- Chris Midgett, Bechtel
- Jim Tarpinian, Battelle
- Gail Walden, Fluor
- David Zeff, B & W

**(Draft) Safety Culture Attributes  
Identified by the Task Team**

- Demonstrated safety leadership
- Clear expectations and accountability
- Open communication/raising issues in an environment free from retribution
- Management engagement and time in field
- Conservative decision making
- Staff recruitment, selection, retention, & development
- Personal commitment to everyone's safety
- Participation in work planning and improvement
- Mindful of hazards and controls
- Teamwork and mutual respect
- Reporting errors and problems
- Trust
- Questioning attitude
- Performance monitoring through multiple means
- Use of operational experience
- Effective resolution of reported problems