
Energy Facility Contractors Group Integrated Safety Management Working Group

**Annual Report
Fiscal Year 2006**



November 15, 2006



TABLE OF CONTENTS

I. VISION AND PURPOSE	1
II. MEMBERSHIP.....	1
III. STATUS, OBJECTIVES, GOALS AND ACHIEVEMENTS	2
IV. EXPECTED ACHIEVEMENTS FOR 2007	10
V. ESTIMATED DURATION (SUNSET CLAUSE)	15
VI. COST/BENEFIT DETERMINATION.....	15
VII. ISSUES.....	15
VIII. LESSONS LEARNED / OPERATING EXPERIENCE	15
IX. RECOMMENDATIONS.....	16



**Energy Facility Contractor Group (EFCOG)
Integrated Safety Management (ISM) Working Group
Annual Report to the Directors
Fiscal Year 2006**

I. Vision and Purpose

The Vision of the Integrated Safety Management (ISM) Working Group (WG) is to be recognized by both the Department of Energy (DOE) and EFCOG, as a driving force for complex-wide performance improvement throughout the full spectrum of Integrated Safety Management activities.

The purpose of the ISM Working Group remains to promote excellence in the development, implementation and validation of ISM programs and processes by sharing information and lessons learned, and by facilitating the application of ISM information, techniques, and best practices at DOE sites.

II. Membership

During FY 2006, the ISM Working Group was composed of six Subgroups focusing on specific ISM topical areas. The Subgroups include Environmental Management, Quality Assurance, Occupational Safety & Health, Feedback and Improvement, Radiation Protection and ISM Program Management. Additionally in January 2006 a special joint EFCOG/DOE Electrical Safety Improvement Project Team and was commissioned and in April 2006, a Project Team to address the new 10CFR851 Worker Health Rule was established. Task Groups in the areas of Chemical Management, Human Performance Improvement, Occurrence Reporting System, Occupational Medicine, Industrial Hygiene/Industrial Safety, Quality Engineering, Supply Chain Quality, QA Policy and Program Requirements and Training, Development and Communication were very active during the year. Membership on the Working Group and Subgroups includes representatives from the majority of DOE sites and over 40 EFCOG Member Companies. Participation at the semi-annual Working Group meetings averaged over 250 personnel.

To ensure the Working Group continued to include a focus on industry best practices and lessons learned, liaison membership has been established with the Institute of Nuclear Power Operations (INPO), the Defense Nuclear Safety Board (DNFSB), and the National Laboratories Improvement Council (NLIC). The Working Group has also established effective horizontal communications with the other key EFCOG Working Groups.



III. Status, Objectives, Goals and Achievements

Objectives and Goals

The primary objectives of the Working Group are to:

- Promote, coordinate and facilitate the active exchange of successful programs, practices, procedures, lessons learned and other pertinent information of common interest to ISM.
- Promote ISM awareness and understanding by sharing management and technical information.
- Facilitate integration of existing environment, safety, health and quality (ESH&Q) processes and work practices within the framework of ISM.
- Identify streamlined techniques and best practices that enable cost-effective and accelerated implementation of validated ISM processes and programs.
- Facilitate coordinated contractor input to DOE on ISM-related issues.
- Provide an efficient mechanism for interfacing between DOE and senior contractor executives and subject matter experts responsible for development, implementation and continuous improvement of ISM.

Working Group Achievements in 2006

- Semi-Annual ISM Working Group meetings were held at the Energy Training Complex in Albuquerque, NM from April 24-28, 2006 and at the DOE NNSA Nevada Site Office facilities in Las Vegas, NV from October 24-November 3, 2006. The meetings were conducted at DOE facilities to minimize costs. Key external customer and subject matter expert participation ensured the meetings were addressing current DOE and industry issues. Attendance at the semi-annual meetings averaged over 250 personnel.
- Periodic conference calls were held to discuss priority ISM issues and share lessons learned.
- Key EFCOG corporate objectives were supported to ensure that ISM was properly addressed as a critical focus area. Examples of this were:
 - Supporting the implementation of DOE O 226.1 and DOE O 210.2
 - Maintenance of an EFCOG “Best Practices” web site which provides a single reference point for all Contractors and the DOE.
 - Continuing Liaisons with the Institute of nuclear Power Operations (INPO), the Defense Nuclear Facility Safety Board (DNFSB), and the National Laboratory Improvement Council (NLIC).



- Establishing a team to integrate consistent interpretation and implementation of the newly issued 10CFR851, and,
- Establishing the Electrical Safety Project Team to address DOE electrical safety concerns and the update of the Electrical Safety Handbook.

Subgroup Status and Achievements in FY 2006

A. Environmental

The Environmental Subgroup met on April 26-27, 2006 in Albuquerque, NM and again on Nov 1-2, 2006 in Las Vegas, NV as part of the semi-annual ISM Working Group Meetings. In addition, the Subgroup held monthly conference calls to serve as a vital link between the meetings. Activities or accomplishments from the meetings and conference calls included:

- Establishing an Environmental Management Systems (EMS) Guidebook on the EFCOG website for collecting and sharing important information on the management and continuous improvement of site EMS's.
- Completing a survey and publishing results on the various metrics and measures sites are using to monitor environmental impacts and EMS effectiveness and performance.
- Completing a survey and publishing results on the various processes and methods sites are using to establish environmental goals, objectives and targets.
- Completing a survey and publishing results on how sites are working to raise visibility and awareness of environmental programs and objectives.
- Devoting a significant portion at the fall meeting for focused presentations on the various methods sites are using to integrate environmental requirements into site programs and projects.

B. Feedback and Improvement Subgroup

The Feedback and Improvement (F&I) Subgroup met at both of the Working Group meetings. During FY 2006 the subgroup formed two new task groups, Occurrence Reporting and Human Performance Improvement (HPI). During FY 2006, the HPI Task Group was reassigned to the ISM Program Managers Subgroup. The F&I subgroup is also responsible for maintaining the EFCOG Best Practices Program. Activities or accomplishments during 2006 included products, presentations and discussions on a wide variety of topics to include:

- DNFSB Recommendation 2004-1



- DOE Corporate Operating Experience, DOE Order 210.2 and Related Regional Workshops
- Role of DOE Office of Analytical Studies
- Contractor Assurance System Elements and Implementation
- Implementation of DOE Oversight Policy, DOE O 226.1
- Performance Analysis – Guidance Document
- Assessment Guide
- Efforts to Develop a Joint Task Team for Metrics
- Best Practice/Effective Practice Implementation
- QA, HPI, Causal Analysis, Electrical Safety Handbook, 851 Rule Development, Welding Issue Resolution EFCOG Alert
- Office of Independent Oversight Updates
- New DOE Office of Health, Safety and Security
- ISM Champions Workshop Support, and, Substantial progress on developing guidance for Performance Analysis and Extent of Condition Reviews

C. ORPS Task Group

The ORPS task group met at both of the Working Group meetings and supported presentations on a wide variety of topics to include:

- Performance Analysis
- SAFEMARK automated analysis tool
- Perception in DOE of under-reporting and under-categorization
- Quality of ORPS Reports
- Corporate Safety Indicators
- Definitions, Criteria Clarification
- Potential changes to DOE 231.2
- Assessment-Driven Culture, Not Event Driven Culture
- DOE Discussion of Work Planning & Control for DOE O 226.1 and 10CFR851 Metrics
- Electrical Safety Task Group – Analysis Tool/Criteria
- DOE 231.1-2 Interpretation/Guidance
- Guidance on Near Misses
- Suspect Counterfeit Improvement Task
- Performance Monitoring of Quality Systems
- Sharing for Performance Excellence

D. ISM Program Management

The ISM Program Manager Subgroup met in Albuquerque, NM during October 2005 and April 2006 and in Las Vegas, NV on November 1, 2006.



During FY 2006, the Human Performance Task Group was transitioned to the ISM Program Managers Subgroup. Activities and accomplishments for the ISM Program Manager Subgroup and Human Performance Task Group included:

- Continued support to EH-2 DOE HPI by providing HPI instruction. Core EFCOG members taught two separate 8-hour classes on Human Performance fundamentals at the ISM Champions meetings in October 2005 and April 2006 in Albuquerque and also in September 2006 in Denver.
- The October 2005 meeting included a discussion of current activities with the completion of DOE M-450.4-1 and interaction with Dr. Wu and Dave Compton, presentations on implementation status at the various DOE sites and discussion on what the team needed from our DOE sponsor to be successful.
- The Human Performance Task Group held a meeting on March 28-29, 2006 in Germantown, MD. Core members from the group met to share learning, best practices, and to discuss strategic plans for implementing human performance improvement. Dr. Wu and Dave Compton met with the group to discuss the EFCOG's abilities and planned activities that would support the revitalization of ISM and expected roll-out of DOE M 450.4-1.
- Twenty-three attendees participated in the Albuquerque meeting on April 25, 2006. Discussion topics included HPI role in Feedback and Improvement, an introduction to the DOE Human Performance Center by Ray Hardwick, a discussion of the team's role in the revitalization efforts for ISM, information and status briefings on the implementation of HPI at the various DOE sites, and a discussion on performance improvement issues.
- Thirty-three attendees participated in a meeting on April 27, 2006. Discussion topics included EFCOG Cornerstones by Joe Yanek, group activities and goals, DNFSB 2004-1 status by Dave Compton, DOE Human Performance Initiatives / ISM Integration by Ray Hardwick, 10CFR851/DOE VPP/ISM Integration by Bertha Cassingham, ISM/ Safety Culture by John McDonald and crosscutting issues.
- Twenty-three attendees participated in a meeting in Denver, CO on September 11. The agenda included discussion on HPI and influence on the DOE ISM workshop and proposed DOE performance indicators and potential impact to contractors.



E. Occupational Safety and Health (OSH)

The Occupational Safety and Health Subgroup of the ISM Working Group met twice in 2006. While attendance at the Spring '06 meeting was limited due to schedule conflicts with the DOE ISM Workshop, excellent participation was seen at the Fall Meeting. During FY 2006, the subgroup had three Task Groups; Occupational Medicine, Chemical Safety and Lifecycle Management, and Industrial Hygiene/Industrial Safety. By the end of FY 2006, one additional Task Group was formed, Electrical Safety. The subgroup and task group's highlights are as follows:

Chemical Safety and Lifecycle Management (CSLM)

The CSLM task group promotes excellence and efficiency in all aspects of chemical safety by gathering, evaluating, and sharing performance measures, best management practices, and lessons learned. The task group vision is continual improvement of CSLM to minimize impacts to workers, community, and the environment. The following are the highlights for 2006 for the CSLM task group:

- Assisted in the development of the DOE Technical Standard, Chemical Management Handbook Vol. 2 "Chemical Safety and Lifecycle Management". CS&LM members made up over 50% of the development team as while as chaired the team.
- Co-sponsored the 2006 DOE Chemicals Safety Workshop. The three day workday covered chemical issues such as Beryllium, new DOE orders, Global Harmonization, and chemical reactivity. Dave Amerine, EFCOG Chair, was one of the keynote speakers. Over 300 people attended the workshop.
- Served as Co-sponsor the DOE Chemical Safety Topical Committee with DOE Office of Worker Protection.

Industrial Hygiene/Industrial Safety (IH/IS)

During FY06, the IH/IS task group met at both semi-annual Working Group meetings and discussed key issues of concern to member participants. Technical presentations were made in multiple areas. The following are the highlights for 2006 for the IH/IS task group:

- Supported the efforts of Electrical Safety Improvement Project.
- Assisted the 851 Project Team, providing the Technical Lead and support the development of responses to the issues identified from the DOE HQ ISM Champions, EFCOG PAAA and NNSA Implementation Workshops.



Occupational Medicine

The Occupational Medicine task group provides a forum for occupational physicians and medical program directors to join together and address common complex-wide issues.

- Coordination of the preparations being taken to address a possible Avian Influenza Pandemic, including developing a strategy for meeting the DOE's expectations using the FEMA Guidance for Continuity of Operations.
- Assisted REAC/TS in the development of a model to obtain the needed support of Occupational Medicine (OM) units from the various DOE facilities when coordinating the RAP Team deployment to a Rad/Nuc mass casualty event. REAC/TS will continue to act as coordinator and organizer for such a deployment.
- Presented the Y-12 Information Technology organization computer program "EMBOS" that is being developed to meet federal regulations requirements specifying the use of electronically available medical records.
- Continued discussion to determine congruent, best-practice approaches for placement of individuals in HRP positions, including the establishment of site-to-site benchmarking by a "PRP/HRP Quality Panel"

Electrical Safety

The Electrical Safety Improvement Project (ESIP) formed in early 2006 has completed its mission and transitioned responsibility for continuous improvement in electrical safety to the newly formed EFCOG Electrical Safety Task Group. The joint DOE/Contractor ESIP Team was successful in delivering a range of products for use in the DOE complex. In addition the Project Team established relationships with the DOE National Training Center, HAMMER training facility at the Hanford site and LANL's proposed Electrical Center of Excellence to assure continuity of this key effort. The Project Manager will formally request the EFCOG Board to approve terminating the ESI Project via formal memo, by December 31. The new Task Group has:

- Elected Officers at its first formal meeting in Las Vegas
- Accepted responsibility to transition ESIP activities, and
- Issued a Strategic Plan for 2007 and 2008.



Radiation Protection

The Radiation Protection Subgroup (RPSG) assembled on two occasions during 2006 to discuss common issues. The first meeting was unique in that it was formatted as a three day DOE Complex Radiation Protection (RP) Workshop and was held in Washington, DC. The RPSG co-sponsored this meeting with DOE/HQ. Approximately 50 persons attended the presentations. The discussion topics for both the workshop and the regularly scheduled meeting were extensive and member feedback confirmed the value of meeting on a regular basis.

Presentations were made by both DOE personnel and RPSG members at the DOE Complex RP Workshop. Topics included:

- DOE presented a series of topics describing several sponsored research initiatives that included; *“Japanese Life Span Study,” “Russian Health Studies,”* and *“Low Dose Program.”*
- DOE presented a paper, *“Long Term Needs for the DOE Complex (Closure Sites vs. Production Sites; Integration into ISMS).”*
- DOE presented information from the BEIR VII Report and how that may impact DOE.
- A panel discussion was provided to consider the impact of federal laws 10 CFR 835 and 10 CFR 851 and proposed OSHA Regulations at DOE sites.
- DOE provided a very informative presentation regarding enforcement trends in the RP area.
- RPSG member presentations included, *“Lessons learned from Closing a DOE (Rocky Flats) Site,” “Hard to Detect Isotopes,”* and *“Use of Electronic Survey Records.”*

Discussion topic of interest from the regularly scheduled RPSG meeting this year included:

- Types of instrumentation used by RP organizations for shipping and receiving radioactive materials were discussed. Also discussed were the various approaches to completing these surveys. From this discussion, one member volunteered to further research the issues and provide additional information at our next meeting.
- An update was provided by one site that is working with DOE to establish relief from certain limits contained in DOE O 5400.5 involving hard-to-detect radionuclides. Additional discussion with a further update is expected at the next meeting.



- An invited guest speaker from a company that provides radiation protection technicians to the nuclear industry at large presented information as to the extent of shortages they are measuring in the available workforce. This is a significant issue and will be tracked and discussed at future RPSG meetings.
- Many other topics were discussed that were of general interest to the attending membership.

F. Quality Assurance

The QA Subgroup is comprised of four task groups. These task groups are the QA Policy and Requirements group, the Training, Development and Communications group, the Supply Chain Quality group and the Quality Engineering group. Collectively the QA Subgroup was able to initiate, develop and complete a variety of activities itemized below. The Subgroup met two times during the course of the year, once in April in Albuquerque, NM and a second time in October in Las Vegas, NV.

QA Policy and Requirements Task Group

This task group has worked on the following:

- Submitting a paper on the “Attributes of an Effective Quality Improvement Program” to Headquarters for consideration for improving quality throughout the complex.
- Identifying those attributes of a QA program that are valid and add value. This effort included a matrix for each of the criteria identified in CFR 830.122 and 414.1.

Training, Development and Communications Task Group

- Training sessions were held in each of the semi-annual meetings. The topics presented were Lead Auditor training, PAAA enforcement and the management of associated issues, QA Implementation in non-traditional organization/functions, such as, security and emergency management; communication enhancement.

Supply Chain Quality Task Group

- A listing of Commodities and Potential Suppliers were identified during the EFCOG Supply Chain Task Team breakout session (April 2006). The purpose of the listing was to identify safety class, safety significant commodities that are commonly purchased by Contractors and potential suppliers of the commodities.
- Supplier Lead Auditor training was conducted during the April 2006 QA Subgroup meeting in Albuquerque.



- Seven Supply Chain quality Task Team members successfully completed the Supplier Lead Auditor Training Test.
- Established a pilot program for sharing supplier evaluation information on a limited basis for common suppliers.

Quality Engineering (QE) Task Group

The issues that this task group worked on during the year include:

- The development of a paper addressing “ What can QEs do for You ”
- Supporting DOE efforts to produce procedures for addressing management of HEPA filter testing at the new facility location.
- Completed final development of a paper to be issued in 2007 addressing Suspect Counterfeit Items (SC/I) which would be a benchmark for the DOE complex and establish a continuity standard for the contractors.

IV. Expected Achievements for 2007

Working Group Expected Achievements for 2007

- Conduct two semi-annual working meetings in the spring and fall to coordinate and facilitate Subgroup interaction and involvement.
- Support new initiatives in the following areas:
 - ISM Reinvigoration (2004-1)
 - Operating Experience Program Implementation Support
 - Human Performance Guide Development
 - New Oversight Policy / Order Implementation (226.1)
 - ISM Program / Safety Culture Initiatives
 - Issue VPP/ISM Integration White Paper
 - Support the Chemical Safety Management
 - Establish an ISM Activity Level Task Group
 - Continue Integration of Environmental and ISM
 - Complete an update of the On-line EMS Resource Guidebook
 - Establish an Electrical Safety Task Group
 - Establish an Nanotechnology Safety Task Team
- Support ISM related tasks and the EFCOG Critical Few in areas such as:



- Working with DOE and member companies in the implementation of Line Oversight and Contractor Assurance Systems
- Development of a recommended set of criteria to assess supplier evaluation and qualification processes
- Implementing recommendations / actions focused on electrical safety for voluntary contractor implementation
- Supporting EFCOG productivity initiatives
- Supporting the final development and implementation of the DOE ISM Manual
- Supporting the DOE Human Performance Initiatives and,
- Hosting Workshops in support of key DOE and Contractor areas of concern.

Subgroup Expected Achievements for 2007

A. Environmental

- Plan the spring subgroup meeting in New Orleans to coincide with the National Environmental Partnership Summit.
- Work to increase active participation on the Subgroup by 25%.
- Perform a member survey to collect information on, and rate, the effectiveness of training that EMS managers and environmental professionals have taken.
- Develop a list of individuals at the various sites that are trained and qualified to perform EMS assessments. This is envisioned to be a resource list for member sites to use to establish reciprocal EMS assessment agreements.
- Conduct a survey of ISO14001 certified member sites to gather and publish issues/lessons learned that were experienced as part of their initial certification as well as subsequent surveillance audits.
- Investigate opportunities for joint meetings/outreach with other EFCOG working and sub groups, specifically the Chemical Management Task group, the Energy Efficiency Working Group, the Maintenance Subgroup and the Acquisition Management Working Group since these functional areas have significant EMS implications.
- Continue to enhance the EMS Guidebook as a useful resource to all EFCOG member companies and groups.
- Continue to encourage the sharing of best practices at biannual meetings and meet goal of publishing two environmental best practices each year.



B. Feedback and Improvement

- Conduct two annual meetings and continue to share good practices among the participating organizations and with DOE-HQ.
- Support DOE HQ Occurrence Reporting Program Manager through the Occurrence Reporting Task Group activities.
- Issue Contractor Guides on Performance Analysis and Extent of Condition Reviews.
- Support DOE in the implementation of DNFSB Recmd. 2004-1.
- Support the ISM Program Safety Culture Initiatives
- Issue Contractor Guide to Performance Analysis
- Complete a Baseline review for the redesigned ORPS

C. ISM Program Managers Subgroup

Issues identified in the September meeting for future discussion included:

- Developing Case studies for HPI best practices
- Supporting the new HSS organization
- Clarify scope creep in work documents
- Analyze the impacts of the new DOE ISM manual
- Analyze impacts from changes in DOE O 226.1

D. Occupational Safety and Health (OSH)

The Occupational Safety and Health Subgroup will continue to provide leadership and support for the four task groups. The subgroup will be actively working to not only improve overall participation in the task groups, but to also achieve a broader representation of DOE Program Offices contractor entities. The Subgroup will improve communication within the Subgroup through expanded use of the EFCOG Web site and Discussion Board. Finally, the Subgroup expects that one additional task group will be formed in 2007, from a committed group of individuals working to address Nano-particle Safety. Additional subgroup expected achievements are as follows:

Chemical Safety and Lifecycle Management(CSLM)

- Benchmark and report current CSLM practices
- Identify and share best practices, develop recommend performance measures



- Support the function of the DOE Chemical Safety Topical Committee
- Identify related DOE ISM assessment criteria and “Lines of Inquiry” to EFCOG members and provide feedback to DOE
- Interface with other EFCOG groups regarding CSLM principles and requirements
- Identify new and emerging requirements and impacts to CSLM

Electrical Safety

- Maintain and augment the training modules from ESIP Project Area # 5: Awareness/Continuation Training
- Collaborate with DOE’s National Training Center, Fluor Hanford’s HAMMER Facility, and other DOE locations to enhance hands on electric training
- Verify the effectiveness of ESIP developed training - Did it hit the target audience and did implementation take place?
- Provide recommended Qualifications for electrical safety SME’s.
- Implement an FAQ page on the EFCOG web page to maintain a priority for electrical safety
- Champion full implementation of the Electrical Severity Index Tool for effective electrical safety data collection and trending.
- Review electrical events and provide technical lessons learned to prevent recurrence.

Industrial Hygiene/Industrial Safety (IH/IS)

- Develop a Proposed Implementation Guide for Standardized Process for Low Hazard Exposure Assessment.
- Develop recommended exposure monitoring data trending parameters in support of 10CFR 851 requirements.
- Establish standard metrics for use in IH/IS programs that can be used for Key Performance Indicators and Performance Indicators.

Occupational Medicine

- Develop guidance for the DOE in effective deployment of computer applications to address federal requirements to use electronically available medical records.
- Publish a guidance document detailing congruent, best-practice approaches for placement of individuals in HRP positions, and foster



the establishment of site-to-site benchmarking by a “PRP/HRP Quality Panel”.

E. Quality Assurance

- The Supply Chain Quality Task Team will propose a process for participating in DOE Headquarters audits of ATI DOE Contractor) and ensuring that the results are distributed appropriately to complex personnel.
- Develop a plan to solicit participation and input from additional EFCOG member companies to increase the Supply Chain Quality base of common suppliers and maximize cost avoidance for supplier evaluations.
- Completion of technical procedures to assist DOE in managing ATI, the filter test facility for HEPA filters.
- Acceptance by DOE HQ of the SC/I Improvement Program.
- Completion of the paper associated with the issue “What Can QEs Do for You?”.
- Enhance the training forum of the EFCOG meetings to include other ISM Subgroups in passing on operating experiences and best practices.

F. Radiation Protection

- The RPSG has recommended that we work with and provide support for ongoing work within the utility-sponsored Nuclear Energy Institute with regard to the “Human Resource” issue. An update to status this initiative will be provided for 2007.
- The RPSG will be discussing methodology to develop more consistency in the manner by which the DOE Complex completes DOT shipping and receiving radiological surveys.
- The RPSG will continue to review progress on the request for DOE approval for authorized release limits for hard-to-detect radionuclides.



V. Estimated Duration (Sunset Clause)

The role of the ISM Working Group is projected to continue expanding in both scope and membership during 2007 and beyond. The Working Group will become the institutional group that promotes and sponsors ISM, including the related ESH&Q processes, across the DOE complex and among EFCOG Member Companies.

VI. Cost/Benefit Determination

During this year, the positive impact of the Working Group to the customer was continued through the various participating contractor operations. Sharing of ISM processes and practices, which were made available for implementation at the various DOE locations resulted in cost savings to all Member Companies. Activities are focused around two central meetings where all members of the Subgroups can assemble at one place at one time. Use of DOE facilities has minimized meeting costs. Focused workshops will also continue to be held at locations and in facilities convenient to the business and in a cost effective manner to the customer in accordance with EFCOG operational requirements.

Individual subgroup activities and sharing of Operating Experiences and Best Practices which filter back to each member company continues to be seen as a “cost savings.”

VII. Issues

Succession planning for the Working Group Chair/Vice Chair positions and other leadership roles within the Subgroups will need to be managed such that the relationships with our DOE sponsors / customers, as well as Critical Few items being worked under the ISM WG, do not suffer from any 2007 leadership transitions.

Future Working Group meetings will require the use of commercial meeting space. In fall of 2006, the WG was required to split up the meeting over a two week period. This became necessary due to the loss of the DOE Energy training Center in Albuquerque, NM. The ETC was closed by DOE in October 2006 due to budget requirements.

VIII. Lessons Learned / Operating Experience

Continued coordination of Subgroup meetings at the same location and concurrent with the Working Group meetings is better for member company representatives who participate on more than one task team or subgroup. In the future, more attention will be placed on scheduling workgroup and subgroup meetings that better accommodate fewer member company representatives needing to attend meetings at multiple locations if possible. The only on-going limitation is related



to available meeting space at central DOE facilities. Additional locations are currently being evaluated by the Working Group's leadership.

IX. Recommendations

The ISM Working Group and Subgroups as currently organized should continue during FY 2007.

All information relative to the operation and on-going activities of the ISM Working Group are accessible through the EFCOG Website at the following address:

www.efcog.org