

**SECURITY WORKING GROUP (SWG)
ANNUAL REPORT TO THE DIRECTORS
(FY 2005)**

Introduction

The EFCOG Executive Directors approved the formation of the Security Working Group (SWG) in March 2005 to help fulfill the Critical Few objectives in the area of security. The purpose of the SWG is to provide a strong focus for meeting the Department of Energy (DOE) Security Management challenge by enhancing the protection of Special Nuclear Materials (SNM), classified matter, property, and cyber systems.

The group will promote excellence by sharing information and lessons learned, and by facilitating the application of information and techniques as appropriate throughout the complex.

The scope of the SWG includes both Safeguards and Security (S&S) and Cyber Security.

Membership

The SWG is in a startup mode, and members are currently being recruited. Upon initial formation, David Leary (LLNL) and Paul Sowa (PX) were appointed Chair and Vice Chair. As of October 2005, Mark Strauch (LLNL) and Obie Amacker (PNNL) assumed these roles.

The SWG is composed of two subgroups. The Cyber Security Subgroup is chaired by Kenneth Neves (LLNL), and the Safeguards and Security Subgroup is chaired by Judith Johns (Y-12). In addition to the chair, vice-chair, and subgroup chairs, the Steering Committee currently includes representatives from LANL, NTS, PX, SNL, SRS and the Nuclear Security Information Exchange (NSIE) Group.

DOE sponsors of the SWG during the past year have included the following:

Glenn Podonsky	DOE, Director, Office of Security and Safety Performance
Bill Desmond	NNSA, Director, Nuclear Safeguards and Security Program
Bob Walsh	DOE, Director, Office of Headquarters Security Operations
Rosita Parkes	DOE, CIO
Linda Wilbanks	NNSA, CIO
Jim McConnell	NNSA, Chief, Defense Nuclear Safety

Glenn Mara (LLNL) serves as the EFCOG sponsoring Executive Director.

Objectives and Achievements

The Cyber Security Subgroup is focused on the growing threat to computer and information systems, and the need to track and demonstrate compliance with regulations. One of the current challenges in this area is the implementation of Homeland Security Presidential Directive hspd-12, which deals with access to government facilities and cyber systems. The CS subgroup participated in a panel on this subject at the EFCOG annual meeting in June, and is providing input on future strategies, particularly with regard to technology solutions.

The Safeguards and Security Subgroup is focused on the physical protection of DOE assets. Their scope includes effective implementation strategies in response to the Design Basis Threat such as technological solutions and the security/safety interface, as well as security policy implementation regarding Foreign Nationals, materials control and accountability, and other issues of interest to the security community. Opportunities for strengthening Integrated Safeguards and Security Management (ISSM) were explored initially, and the safety/security interface is expected to be a major interest in the coming year.

The Security Working Group's interests intersect with a number of other EFCOG groups. For instance, implementation of hspd-12 involves physical access as well as cyber security, so there is an important interface with the Infrastructure Management Working Group (IMWG). Similarly, the topic of the interface between security and safety is expected to involve the Integrated Safety Management Working Group (ISM WG) and the Safety Analysis Working Group (SAWG). In addition, through cross memberships, the SWG maintains liaisons with the NSIE and the Systems of Laboratories Computing Coordinating Committee (SLCCC).

Planning for the Year Ahead

Organizationally, the SWG expects to have its Steering Committee fully formed and to meet in early 2006 to lay out the years agenda. Key topics to be considered will include:

- Technological solutions to implementing the DBT
- Security/safety interface
- Asset Management
- hspd-12 implementation
- Cyber security and wireless communications
- Materials control and accountability interest group

Effectiveness Evaluation

The SWG was only recently formed, and its effectiveness cannot be assessed at this time.