



# Memo

**Date:** December 9, 2015  
**To:** File  
**From:** John Taylor  
**Subject:** Energy Sciences (ES) Directorate FY2015 Management Review Minutes

The ES ESH FY2015 Management Review was held on November 30, 2015 and included the OSHMS and EMS annual performance review. The scope of the review was the new Energy Sciences Directorate consisting of the NSLS-II, Center for Functional Nanomaterials (CFN), and the Chemistry, Condensed Matter Physics and Material Sciences (CMPMS) and Sustainable Energy Technologies (ST) Departments.

**Attendees included:**

Jim Misewich – ALD  
John Hill – Deputy ALD for ES/NSLS-II Director  
Alex Harris - Chemistry Chair  
Peter Johnson – CMPMSD Chair  
James Dickerson – CFN Deputy Director  
Pat Looney – ST Chair  
Michael Cowell – ES DCOO  
Michael Bebon – NSLS-II DCOO  
Edward Nowak –SHS Division Head  
Steve Coleman – RCD Division Head  
Deborah Bauer - EP Division; BNL OSH/EMD Program Manager

Also in attendance were the Department ESH Coordinators, various ES Group Leaders and other representatives from the ES and ESH&Q Directorates. Our DOE Facility Representative Adam Janczewski was also in attendance. A complete list of attendees is attached.

The Review included an overview of the E/OSHMS Program, current hazards/aspects, audits/assessment results. Performance on the FY 2015 Goals and Objectives was reported and Draft FY 2016 Goals and Objectives were discussed and accepted. Management feedback was solicited regarding the effectiveness of the programs.

The presentation is attached; a summary of some key points/discussions is below:

- The FY 2015 performance review indicates that the E/OSHMS program is functioning in an effective manner. The injury record is good; there were no DARTs or recordable injuries, although there were four first aid injuries in NSLS-II.
- Objectives and targets are being met or explanations and/or alternative plans were provided.
- Jim Misewich commended those present for the Directorate's safety performance.
- NSLS-II has recently transitioned from a project safety plan to operations and has been refocusing attention to the E/OSH program.
- Michael Cowell presented a summary of the CFN Chlorine Gas event that occurred on 2/14/2015. She reviewed the facility level corrective actions, however there were numerous questions related to institutional corrective actions. An extent of condition review was conducted; however it was not clear if other BNL site exhaust systems were evaluated for shutdown without alarm conditions. This will be followed up.
- John Hill observed that the number of Tier 1 inspection findings for NSLS has gone down and inquired if the inspection program has changed. Andrew Ackerman responded that the program has not changed but there have been fewer inspections.
- As an enhancement for communications, Jim Misewich requested that the laminated contact cards that had been issued to the core staff be issued to NSLS-II staff.
- Paul Zschack requested a copy of the student communications plan that may have been helpful in reducing injuries. Michael Cowell will provide the plan to Paul.
- Draft goals and objectives for FY 2016 were accepted as reasonable.

The FY 2016 objectives and targets, after incorporation of comments from this review and the Lab plan, will be presented to the Safety & Operations Council for review/adoption in the ES OS&H/EMS Management Plan.

**BES ESH Management Review FY 2015**  
**Environmental, Occupational Safety and Health Management System Questions**  
**Summary of Discussions**

- a) **Is the E/OSHMS Program effective in achieving environmental policy commitments?** Yes.
- b) **Is the OHS/EMS Program effective in achieving the objectives and performance measures?** While not all of the FY2015 objectives have been fully satisfied, the ES E/OSH program has shown itself to be generally effective in achieving objectives and satisfactory performance measures.
- c) **Is the E/OSHMS Program adequate in terms of:**
- **Identifying Significant Environmental Aspects and Impacts?** Yes. The E/OSHMS is adequate in these areas.
  - **Resource Allocation?** Resources are generally satisfactory; however, there has been a loss of waste characterization expertise (J. Pavlak) and there will be a temporary shortage of SHSD support due to reassignment of Sean Hannifin to the ESH Coordinator position for CMPMSD.

- **Information Systems?** Generally, information systems/communications are functioning satisfactory.
- **Organizational Issues – Staff Expertise; Procedural Requirements?** Staff knowledge is sufficient; ESH Coordinators are trained in OSHA requirements and qualified SHSD/EWMS personnel participate on Tier 1 inspections. We have a strong ESH program.

**d) Are the Objectives and Performance Measures of E/OSHMS System suitable in terms of:**

- **Environmental Impacts and Current Conditions?**
- **Concerns of Stakeholders?**
- **Current and Future Regulatory Requirements?**
- **Business Interests; Technological Capability?**
- **Internal Organizational or Process Changes?**
- **Should additional internal performance measures be established?**

The ES targets and objectives are established by using appropriate objectives from the Lab level objectives which are compatible with PEMP measures, and also by establishing objectives to correct and/or improve attributes of the ES E/OSHMS program that were identified in the management review. The ES objectives and targets provide a suitable process for identifying concerns and establishing measures for the stated areas. Careful attention needs to be made to stay focused on safe performance during continued startup activities at NSLS-II.

**e) Recommended Revisions to:**

- **Environmental Policy and Commitments?**
- There are no suggested policy changes.
- **Objectives and Performance Measures?**  
Adopt proposed FY16 draft goals after refinement and inclusion of appropriate Lab level objectives and targets.
- **Elements of OHS/EMS?** No new hazards or environmental aspects have been identified.