
ESH Coordinators and Quality
Representatives Meeting
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Proposed Goal 5 Performance Measures

- 5.1 Provide a Work Environment that Protects Workers and the Environment
 - Measure 5.1.1 BSA will demonstrate progress in achieving and maintaining “best in class” safety and health performance
 - Target 5.1.1.1 DART = no change (BNL will meet the Office of Science interim goal of 0.25 cases per 200,000 hours worked)
 - Target 5.1.1.2 TRC = no change (BNL will meet the Office of Science interim goal of 0.65 cases per 200,000 hours worked)

Proposed Goal 5 Performance Measures

- Measure 5.1.2 BSA will demonstrate progress in establishing an ES&H reporting culture at BNL
 - Target 5.1.2.1:
ORPS + # DART + # TRC
Total # documented E&I reports

Proposed Goal 5 Performance Measures

- 5.2 Provide Efficient and Effective Implementation of Integrated Safety, Health and Environment Management
 - Measure 5.2.1 will remain the same:

BNL will implement, maintain, and continually improve an integrated safety management system that:

- Clearly states environmental and occupational health and safety (ESH) policies, programs and objectives appropriate for BNL operations,
- Identifies ES&H risks and legal requirements,
- Takes a proactive approach to ES&H risks and involves employees in the development and implementation of procedures,
- Controls or eliminates ES&H risks to prevent accidents,
- Monitors environmental management system (EMS) and occupational safety and health management (OSH) system performance, and
- Ensures continual review, evaluation, and improvement of the system.

Proposed Goal 5 Performance Measures

- Target 5.2.1.1 Work Planning & Control
 - BSA will demonstrate full implementation of the three tiered Work Planning & Control Process. BHSO will conduct an Effectiveness Evaluation based on agreed upon criteria during the 2nd half of FY08.
- Target 5.2.1.2 Work Planning & Control
 - Collective Exposure (ALARA). BSA will develop an ALARA goal for FY08. This goal will include Total Effective Dose Equivalent (TEDE) radiological exposure from all Departments, including Environmental Restoration Projects. BSA will achieve this goal within plus or minus (+/-) 10%. During the course of the FY, BSA may submit an ALARA adjustment that changes the FY08 goal for BHSO review and approval. Collective exposure goal changes must include a solid explanation for the adjustment.

Proposed Goal 5 Performance Measures

- Target 5.2.1.3 Development & Implementation of Hazard Controls
 - BSA will demonstrate effective implementation of Fire Protection Corrective Actions resulting from BHSO FY07 Assessment and the BSA FY07 NTS Report.
- Target 5.2.1.4 Feedback & Improvement
 - BSA will demonstrate effective implementation of their Safety Observation Process for Level 1, 2 and 3 managers by:
 - Full implementation of the tracking & trending database evidenced by the submission of midyear and end of year reports.
 - Meeting an established goal for # of documented Safety Observations (% of Level 1, 2 and 3 Managers meeting goal)

Proposed Goal 5 Performance Measures

- Target 5.2.1.5 Feedback & Improvement
 - The DOE and BSA have invested significant resources during FY07 to ensure that ISMS was in place and functioning to an acceptable performance level. BSA will develop a set of performance measures for BHSO review and approval by March 30, 2008 that will demonstrate that the BNL ISMS program is fully functioning. Performance against measures to be incorporated into BSA Annual ISM Declaration.

Proposed Goal 5 Performance Measures

- Target 5.2.1.6 Feedback & Improvement
 - BSA will demonstrate effective use of causal analysis for Event & Issue Management Reports. BHSO will conduct an Effectiveness Review of a selected sample of reports.

Proposed Goal 5 Performance Measures

- 5.2.2 OHSAS & EMS will remain the same
 - ISO 14001 EMS and OHSAS 18001 Certification - BSA has acquired and maintained third-party certifications for the Environmental Management System (ISO 14001:2004) and the Occupational Safety and Health Management System (OHSAS 18001). These external certifications provide credibility and rigor to the implementation of the systems.

Proposed Goal 5 Performance Measures

- 5.3 Provide Efficient and Effective Waste Management, Minimization, and Pollution Prevention (TBD)

Any questions or comments?