

# FY08 PEMP Metrics and Targets

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SIXTY YEARS  
OF DISCOVERY  
1947-2007

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**BROOKHAVEN**  
NATIONAL LABORATORY

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# Target 5.1.1.3

- BSA will demonstrate a reporting culture through effective implementation of feedback and improvements processes for ES&H performance. DOE will evaluate through assessment of a representative sample of issues/events for appropriate categorization and effective causal analysis.

# Target 5.2.1.1

- BSA will demonstrate full implementation of the three tiered Work Planning & Control Process based on DOE evaluation of a representative sample of work planning packages against the revised Work Planning and Control subject area.

# Target 5.2.1.2

- Work Planning and Control - Collective Exposure (ALARA). BSA will develop and meet an agreed-upon ALARA goal for FY08 based upon anticipated Laboratory work scope. The goal will be established and agreed upon by October 5, 2007. This goal will include Total Effective Dose Equivalent (TEDE) radiological exposure from all BNL Organizations, including Environmental Restoration Projects.

*[Change control: During the course of the FY, BSA may submit an ALARA adjustment that changes the FY08 goal by +/- 10% for BHSO review and approval. Collective exposure goal changes must include a solid explanation for the adjustment].*

# Target 5.2.1.3

- Development and Implementation of Hazard Controls - BSA will develop and implement an appropriate risk-based Corrective Action Plan in response to the BHSO FY07 Fire Protection Assessment and the BSA FY07 NTS Report.

# Target 5.2.1.4

Feedback and improvement – BSA will demonstrate effective implementation of their safety observation process for Level 1, 2, and 3 managers by:

- Full implementation of the tracking and trending database evidences by the submission of mid-year and end of year reports.
- Meeting the established FY2008 Department/Division goals established in each manager's performance plan for number of documented safety observations (90% of Level 1, 2, and 3 Managers meeting goal).

# Target 5.2.1.5

- Feedback and Improvement - 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 effective. Performance against measures is to be incorporated into BSA Annual ISM Declaration.

# Measure 5.2.2

## Target 5.2.2.1

- Maintain certification of the Environmental Management System to the ISO 14001:2004 standard as determined by the third party audit.

## Target 5.2.2.2

- Maintain certification of the Occupational Safety & Health Management System to the OHSAS 18001 standard as determined by the third party audit.

# Target 5.3.1.1

- Develop and implement a plan to make the Pollution Prevention program sustainable:

## Task 1:

- a. Evaluate a minimum of 4 alternatives for funding the P2 program including:
  - 1. Internal direct funding through direct allocation
  - 2. Tariff/tax on waste generation
  - 3. Continued overhead funding
  - 4. Recycle revenue

# Target 5.3.1.1

## Task 2:

- a. Management reviews the alternatives and directs the path forward by 6/30/08.

## Task 3:

- a. Proceed with Management directive and establish new P2 program by 9/3/08.

# Target 5.3.1.2

- Continue progress with disposition of nuclear materials, legacy waste, excess materials and chemicals, and environmental projects including disposition of all excess U-233 with a goal of an overall reduction of the excess material footprint at BNL. A prioritized inventory of materials for disposition that apply to this target will be submitted to BHSO by December 31, 2007.

# Target 5.3.1.3

- Conduct a gap analysis, consistent with available guidance from DOE/SC, for implementation of Executive Order 13423, “Strengthening Federal Environmental, Energy and Transportation Management,” and develop baselines to measure performance against.