

# FY08 OSH and E Improvement Actions, Objectives and Targets for C-AD/SMD

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SIXTY YEARS  
OF DISCOVERY  
1947-2007

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**BROOKHAVEN**  
NATIONAL LABORATORY



# ESSHQ Objectives And Measures For C-AD/SMD in FY08

- Greenhouse Gas Emissions
  - 3% Reduction
- Unneeded Materials and Chemicals
  - 3% Reduction
- Regulatory
  - 0 Notices of Violation
- Safety
  - 0 Injuries

# Specific FY08 OSH Objectives

- Zero DART Incidence Rate
- Zero TRC Incidence Rate
- Zero notices of 10CFR851 violations
- Increase manager work observations by 30%
- Train >80% of staff in new version of Work Planning
- Meet the FY 08 ALARA Goal of 1.5 person-rem
- Improve valuable material security
- Zero PPE noncompliance

# Specific FY 08 OSH Improvement Actions

- Complete human performance training for >80% of staff
- Conduct at least one code training course (e.g., ASME/NEC/OSHA)
- Review FY08 critiques specifically for organizational deficiencies and PPE noncompliance
- Conduct a field review of posted operator aids in C-A Control Rooms
- Conduct a review of records locations and ensure records are secure and retrievable
- Improve materials security program by installing security cameras at B912 and B926
- Reduce excess space by removing RF trailer near B925
- Conduct 10 industrial hygiene surveys
- Complete the arc flash calculation and labeling program
- Request, as in previous years, BNL repair Building 912 and 930 roofs
- Upgrade B912A emergency generators and remove B912A underground fuel tank
- Close out 10% of the Fire Hazards Analyses recommendations
- Monitor OSHA violations closeout status quarterly
- Conduct ERE of B835 warehouse and transfer RF materials in B918 to B926
- Remove 10% of remaining old power distribution cables, Royal boxes, etc. in B912

# Specific E Objectives

- Comply with regulations
- Reduce Greenhouse Gas emissions
- Implement P2 projects
- Protect groundwater
- Reduce legacy waste from site

# Specific E Improvement Actions

- Do not exceed NESHAPS and SPEDES permits
- Zero notices of NEPA violations
- Zero spills
- Zero unauthorized releases
- Reduce unnecessary electrical loads during shutdown periods
- Achieve 3% reduction in unneeded materials and chemicals
- Submit at least one P2 project proposal
- Complete the removal of PCB capacitors at Linac
- Investigate cost of removal of PCBs at TVDG
- Reduce, where appropriate, Pb solder, Freon and mercury
- Train purchasers on Environmentally Preferable Purchasing
- Archive data on activated soils
- Cap Linac beam stops and investigate need for a cap at J-10

# Improvement Opportunities For BNL Management Systems in FY08

- Request Lab not implement new policies by memorandum
- Request Lab improve interlock, PPE, pressure and electrical safety Subject Areas
- Request Lab add senior department-manager oversight committee to SBMS