Environmental Management System Overview

Goals
• Compliance With Environmental Regulations
• Control of Work to Minimize E-Impacts
• Reduction of Wastes
• Maintenance of ISO 14001 Registration

Aspects – ESR and Work Planning
• Hazardous & Industrial Waste
• Regulated Medical Waste (Non-Biological)
• Radioactive Waste (Legacy Wastes)
• Onsite Transportation of Chem & Rad Matls
Performance Against Goals and Targets

Objectives

• Compliance ✓
• Integrate P² & WMin – Part of Every ESR ✓

Targets

• 95% of PEP – Did 100%
• 25% of APCs – Did 100%
• P² Opportunities
  – Prioritize List ✓
  – Evaluate at Least One P² ✓

Specific Goals

• Improve Waste Battery Area ✓
• Cleanup Radioactive Legacy Wastes ✓
Performance Against Goals and Targets

Physics Department Waste Generation

Physics Department
EMS Management Review 10/31/2002
Performance Against Goals and Targets

Physics Department Hazardous/Industrial Waste Generation

- Quota (H/I) Drum
- Haz/Ind Drum (lbs)
- Quota (H/I) Labpk
- Haz/Ind Labpk (lbs)

[Graph showing waste generation from FY97 to FY04]
Performance Against Goals and Targets

Physics Department Radioactive Waste Generation

- Quota (Rad)
- Rad (cu ft)
- Quota (Mixed)
- Mixed (cu ft)

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Assessments and Audits

Non-Radioactive Air Emissions (Hoods)
- 832 Hoods in Title V Application
- 510 Hoods Not Totally Described
   \[\text{Corrected}\]

PCBs – No Findings

Satellite Area Audit (WMD)
- Found & Fixed a Few Problems
  - Improper Labeling
  - Improper Storage
  - Universal (Battery) Area had Numerous Problems

Satellite & 90-Day Area Audit (DEC)
- No Findings
Proposed Goals and Targets for 2003

Maintain Compliance with E-Regulations
  • Audit & Assessment Findings

Maintain Our EMS
  • System Reviews & Improvements

Identify Significant Aspects for All Work
  • ESR and Work Planning Programs

Include $P^2$ and Waste Minimization in All Work
  • ESR and Work Planning Programs
Proposed Improvements to EMS

Combine EMP & OCF into One Document

- Reduce Activities to One Category – “Work”
- Include Goals/Targets Relevant to Physics

Adopt a 3-Year Audit Schedule

Complete Integration of ATF into Physics EMS

- Already Included in Some Parts & Related Docs
  - Scope, System Description, Summary
  - Emergency Plans, Contingency Plan
- Perform System Audit When Completed
- Goal: Finish by End of FY03