Environmental Management System (EMS)

MD-DC Utilities Association Environmental Conference
Ed Tracey
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Constellation Energy

- A leading supplier of energy products and services to wholesale and retail electric and natural gas customers.
- A FORTUNE 500 energy company, headquartered in Baltimore, Md.
- Member of Dow Jones Sustainability Index (DJSI)
- A major generator of electricity with a diversified fleet of generating units strategically located throughout the United States and Canada, totaling approximately 9,000 megawatts of generating capacity.
  - Fleet Diversity; coal, oil, natural gas, biomass, hydro, solar, waste coal, wind (very soon) and nuclear
- Constellation Energy Projects and Services group has over the last 25 years implemented more than 4,000 energy conservation projects and financed more than $1 billion in projects.
Presentation Overview

• EMS Definition
  – Constellation Power Generation’s EMS
• EMS Structure
• Lessons Learned/Best Management Practices
• Questions/Discussion
EMS Definition

- The Environmental Management System (EMS) is an approach that provides the planning activities, policies, procedures and tools needed to:
  - Maintain environmental compliance
  - Manage day-to-day environmental responsibilities
  - Continue improving environmental program through Best Management Practices (BMPs)
EMS Structure

- EMS Provides
  - Systematic approach to environmental management
  - Means to integrate environmental consideration into day-to-day operations
  - Structured framework to ensure environmental compliance and achieve continual environmental improvement
    - Policy
    - Standard
    - Procedures
EMS Lessons Learned/Best Management Practices

• Lessons Learned
  – Management support
  – Site ownership
  – New site integration

• Best Management Practices (BMPs)
  – EMS coordinators
  – EMS Tools
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