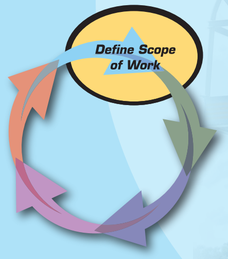
ISEMS Core Function
Integrated Safety and Environmental Management System

#1

Define Scope of Work

- Missions are Translated into Work
- Expectations are Set
- Tasks are Identified and Prioritized
- Resources are Allocated



ISEMS Core Function
Integrated Safety and Environmental Management System

#2

Analyze Hazards

- Associate Hazards with Work
- Analyze
- Categorize

ISEMS Guiding Principle
Integrated Safety and Environmental Management System

#1

Line Management Responsibility for Safety

Line management is directly responsible for the protection of the public, the workers, and the environment. As a complement to line management, the Department's Office of Environment, Safety and Health provides safety policy, enforcement, and independent oversight functions.

ISEMS Guiding Principle
Integrated Safety and Environmental Management System

#3

Competence Commensurate with Responsibilities

Personnel shall possess the experience, knowledge, skills, and abilities that are necessary to discharge their responsibilities.

ISEMS Guiding Principle
Integrated Safety and Environmental Management System

#6

Hazard Controls Tailored to Work being Performed

Administrative and engineering controls to prevent and mitigate hazards shall be tailored to the work being performed and associated hazards.

ISEMS Core Function
Integrated Safety and Environmental Management System

#3

Develop/Implement Hazard Controls

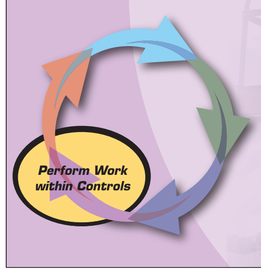
- Applicable Standards and Requirements are Identified and Agreed-upon
- Controls to Prevent/Mitigate Hazards are Identified
- Safety Envelope is Established
- Controls are Implemented

ISEMS Core Function
Integrated Safety and Environmental Management System

#4

Perform Work within Controls

- Confirm Readiness
- Perform Work Safely



ISEMS Guiding Principle
Integrated Safety and Environmental Management System

#2

Clear Roles and Responsibilities

Clear and unambiguous lines of authority and responsibility for ensuring safety shall be established and maintained at all organized levels within the Department and its contractors.

ISEMS Guiding Principle
Integrated Safety and Environmental Management System

#4

Balanced Priorities

Resources shall be effectively allocated to address safety, programmatic, and operational considerations. Protecting the public, the workers, and the environment shall be a priority whenever activities are planned and performed.

ISEMS Guiding Principle
Integrated Safety and Environmental Management System

#7

Operations Authorization

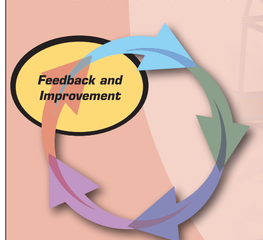
The conditions and requirements to be satisfied for operations to be initiated and conducted shall be clearly established and agreed-upon.

ISEMS Core Function
Integrated Safety and Environmental Management System

#5

Feedback and Improvement

- Gather Feedback on Adequacy of Controls
- Identify and Implement Opportunities for Improving and Planning of Work
- Conduct Line and Independent Oversight, and if Necessary, Regulatory Enforcement Actions Occur



ISEMS Core Functions
Integrated Safety and Environmental Management System

1. *Define Scope of Work*
2. *Analyze Hazards*
3. *Develop/Implement Hazard Controls*
4. *Perform Work within Controls*
5. *Feedback and Improvement*

ISEMS Guiding Principles
Integrated Safety and Environmental Management System

1. *Line Management Responsibility for Safety*
2. *Clear Roles and Responsibilities*
3. *Competence Commensurate with Responsibilties*
4. *Balanced Priorities*
5. *Identification of Safety Standards and Requirements*
6. *Hazard Controls Tailored to Work being Performed*
7. *Operations Authorization*

ISEMS Guiding Principle
Integrated Safety and Environmental Management System

#5

Identification of Safety Standards and Requirements

Before work is performed, the associated hazards shall be evaluated and an agreed-upon set of safety standards and requirements shall be established which, if properly implemented, will provide adequate assurance that the public, the workers, and the environment are protected from adverse consequences.