

NCCOS's EMS

NCCOS Management Review

February 7, 2008

New Executive Order 13423

“Strengthening Federal
Environmental, Energy, and
Transportation Management”

President Bush Signed January 24, 2007

The new E.O. directs Federal agencies to implement sustainable practices for:

- Energy efficiency, greenhouse gas emissions, and petroleum use reductions
- Renewable energy
- Acquisition of recycled content, energy efficient, biobased, and environmentally preferable products and services
- Pollution prevention and recycling
- Reduction or elimination of toxics and hazardous chemicals
- High performance buildings
- Vehicle fleet management
- Electronics stewardship
- Water conservation

EMS (E.O 13423) = “[...]framework under which agencies and their facilities or organizations identify, manage, and improve the sustainable practices [...] and identify and collect performance measurement information to address the reporting requirements.

EMS also **shall** be used to support compliance with environmental and energy regulations, to enable the prevention of pollution and efficient energy management, and to support other objectives identified by the organization”.

==> Aim of EMS:

To Support Environmental Protection and Prevention of Pollution **In BALANCE** With Business Operations and Socio-economic Needs

The Responsibility For And Commitment To The EMS Is The Responsibility of Top Management

- Top management **MUST** adopt the system
- Top management **MUST** **commit** to operating under the system – including **resources to fund the program**

If top management does not support the program, it will fail!



EMS Audit Review –

Findings Based on:

1. ISO 14001

and

**2. NOAA EMS Standards
(EMS 001-015)**

EMS - Internal Audit Review (September 10-14, 2007)

- **Audit Scope**

Assessing NCCOS-wide EMS operations with in depth review at CCFHR Beaufort and Kasitsna Bay Labs against the requirements of the ISO 14001 standard & of NCCOS's EMS internal audit criteria (EMS 001-015).

- **Audit Findings**

- a. **Minor Non-conformities - #14**

- b. **Opportunities for Improvement - #12**

EMS - Internal Audit Review Summary

- ✓ NCCOS EMS continues to conform to the ISO 14001 and NOAA EMS Standards (EMS 001-015) and demonstrates continual improvement.
- ✓ Beaufort employees have a high degree of personal environmental awareness and lead a personal environmental friendly lifestyle which is reflected in the improvements they've made at the Laboratory.
- ✓ The NCCOS EMS Objectives and Targets need to be uniformly communicated, implemented and improved so that they can be accomplished efficiently and by the efforts of all NCCOS employees and partners in addition to local facility objectives.
- ✓ Numerous current findings and findings that due to the length of time to resolve them, and the repeat nature of some findings, need to be addressed quickly to prevent the EMS from slipping to a non-conforming status.
- ✓ The NCCOS core and facility team members will need to dedicate considerable time to prepare for the upcoming External Audit.
- ✓ More needs to be accomplished with regard to budgeting for EMS, incorporating EMS into planning, and tracking associated costs.
- ✓ EMS needs to be incorporated into all employee/ contractor job performance plans and contract language.