Quality Assurance Update

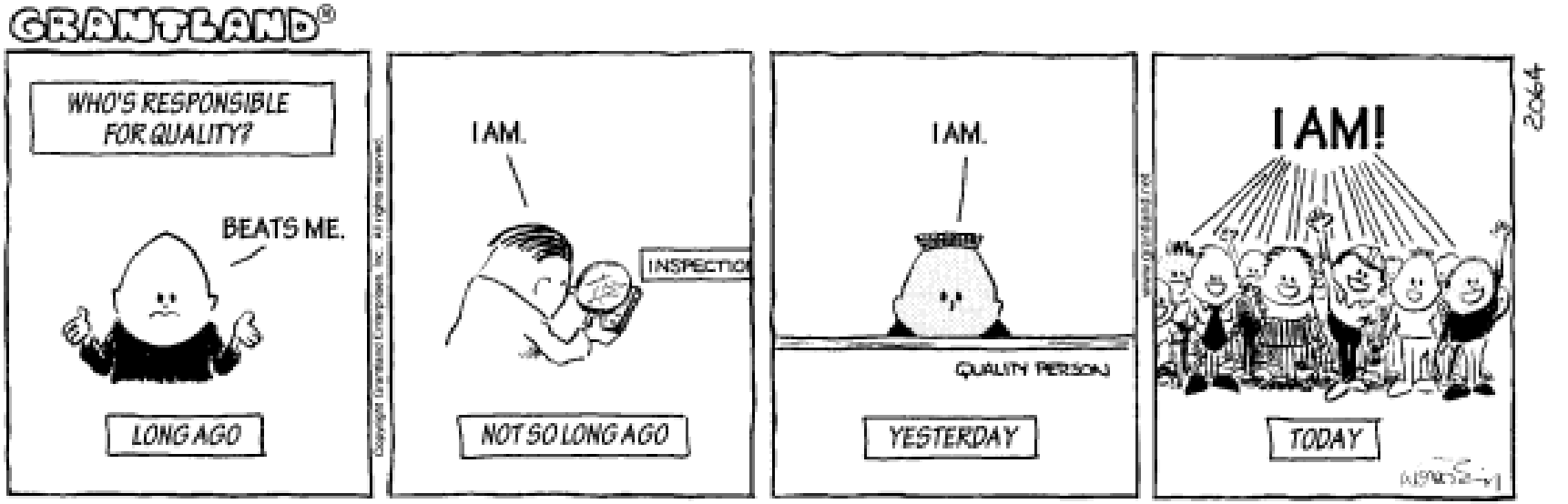
EFCOG Meeting

Atlanta, GA

May 2, 2007

Colette Broussard
Office of Corporate Safety Analysis
Office of Health, Safety and Security

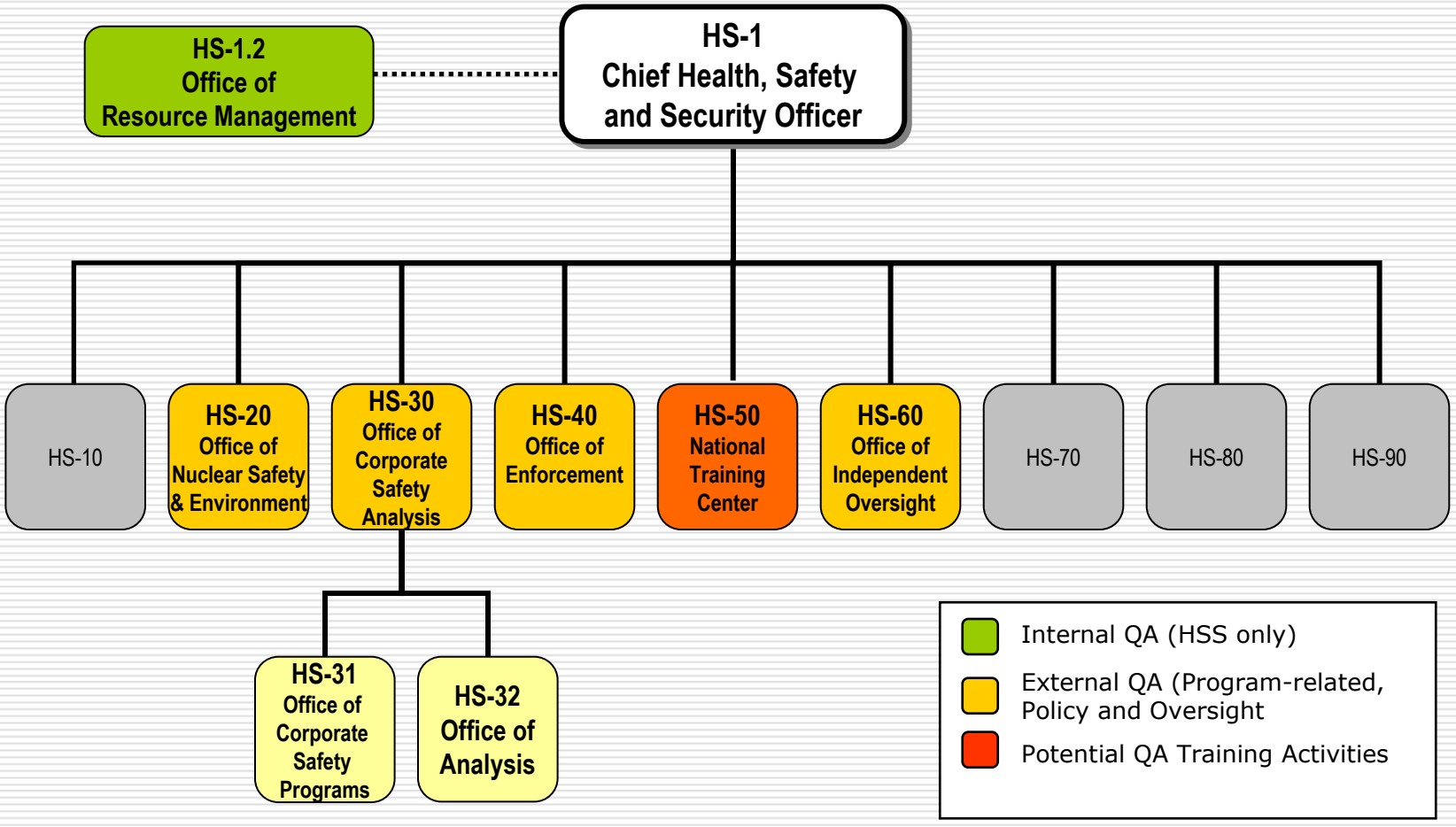
Who's Responsible for Quality?



Topics

- New HSS Organization
- Directives Update
- QA Effectiveness Survey
- Working with EFCOG
- QA Communication

New HSS organization



* Does not include all HSS suborganizations.

Directives Update

- DOE G 414.1-1X on Management and Independent Assessments – being revised
- DOE QA guide to DOE O 413.3A being developed
- Other directives to be revised to reflect new HSS organization

QA Survey - Background

- DOE Order 414.1C responsibilities—

  "Secretarial Officers … Report management assessment results periodically to the Deputy Secretary and Assistant Secretary for Environment, Safety and Health describing the effectiveness of QA implementation …"

- Secretary Bodman April 26, 2006 memorandum directed 29 departmental elements to report status of QA implementation to EH and to report "periodically" thereafter
- 2006 Survey complete; Final report to Deputy Secretary signed January 5, 2007
  - http://www.hss.energy.gov/csa/csp/qa/

Recommended Focus Areas for FY 2007 Report

- 2007 Survey being developed
- Focus areas for the FY 07 report:
  - QA Program Status
  - Flow down of QA Requirements
  - Training & Qualifications
  - Assessments
  - Software Quality Assurance (*new*)
  - Suspect/Counterfeit and Defective Items (*new*)
  - Design and Construction (*new*)
- Rationale:
  - Update focus areas from FY06 Report
  - Enhance breath and depth of FY06 focus areas
  - Show Progress

Working With EFCOG

- QA Subgroup Sponsor (HS-31)
- Working on the 413.3A QA guide
- QA Council will interact with EFCOG
  - Council being established with Fed QA counterparts from across the Department
  - Promote consistent implementation
  - Promote sharing QA information
  - Interface with EFCOG
    - Assist sponsor in identifying QA subgroup tasks
    - Assist sponsor in prioritizing QA subgroup tasks
    - Provide input on QA subgroup products

QA Communication

"Quality Assurance Exchange" published quarterly

- DOE Contractor community is a key contributor
- Project-specific QA articles needed
  - Lessons Learned, success stories
  - Email input to: qaexchange@hq.doe.gov

HSS QA WEBSITE:
http://www.hss.energy.gov/csa/csp/qa/

DOE and EFCOG—
A Powerful Partnership!

Coming together is a beginning;
Keeping together is progress;
Working together is success.

— Henry Ford

Backup Material

QA Implementation 2006 Reporting Guidance

- Guidance developed jointly with PSOs
- Designed to collect basic information on QA implementation
  - QAP document development, approval and implementation status
  - Flow down of QA requirements
  - QA authorities and qualification status
  - Assessment and improvement
- Future reporting to include more specific information on QA implementation status

Summary of Data Collected

- Survey distributed to 29 applicable DOE organizations
  - 26 Departmental Elements responded
  - 35 associated Field elements also responded
- No in-depth analysis was conducted
- Results represent preliminary statistical data relative to the number of respondents

Response Summary

QAP Development & Approval

Inquiry	HQ Elements Responding Positively	Field Elements Responding Positively
QAPs developed and approved	65%	77%
Implementing procedures written and approved	35%	49%

Flow-down of QA Requirements

Inquiry	Affirmative Response
Contractor directed to incorporate DOE O 414.1C	62%
Approved QAPs incorporating DOE O 414.1C	51%

Response Summary

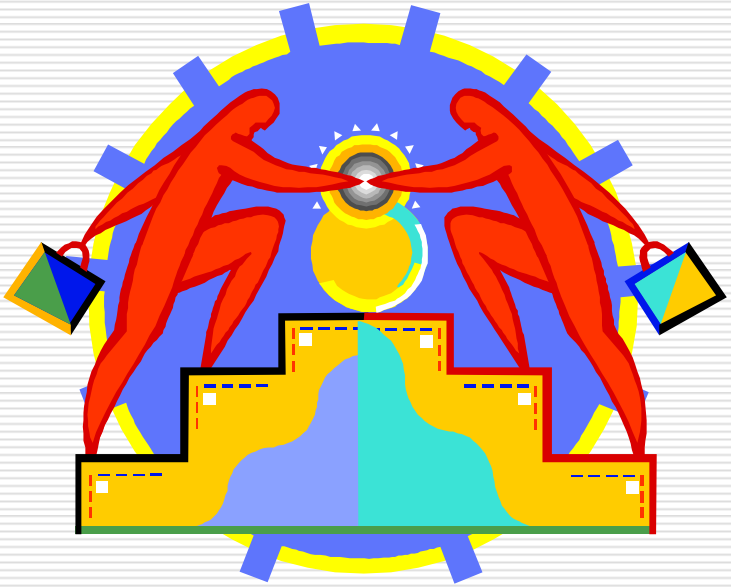
QA Authorities and Qualifications

Inquiry	HQ Elements Responding Positively	Field Elements Responding Positively
Responsible senior manager identified	69%	89%
Delegated to qualified individual	62%	74%

Assessments and Improvement

Inquiry	HQ Elements Responding Positively	Field Elements Responding Positively
Assessment processes and schedule identified	65%	86%
Corrective action tracking system in place	65%	91%

DOE-HSS QA Initiatives Fully Support the EFCOG Mission



"The purpose of the EFCOG is to promote excellence in all aspects of operation and management of DOE facilities in a safe, environmentally sound, efficient, and cost-effective manner through the ongoing exchange of information..."