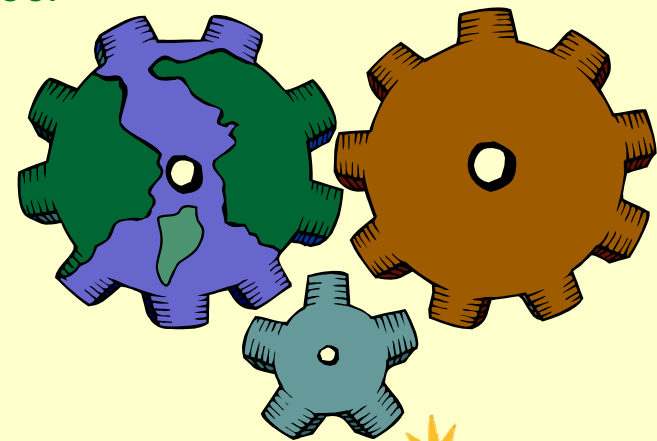
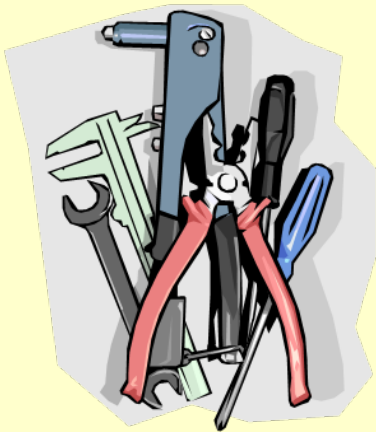


CCHS Audit Trends & Recent Events

CAER Safety Summit #34

Michael Dossey
Accidental Release Prevention Engineer

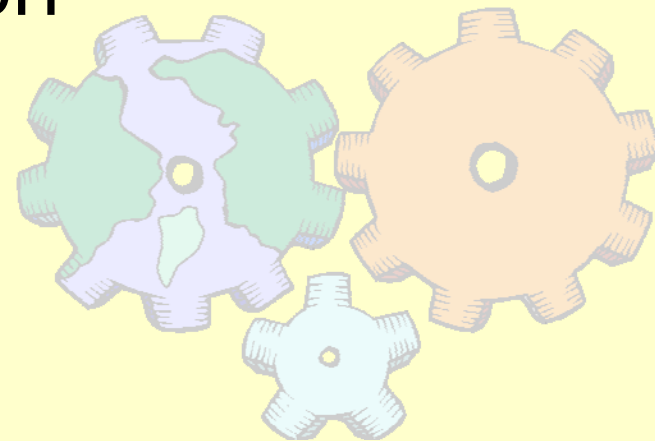
March 25, 2010





Overview

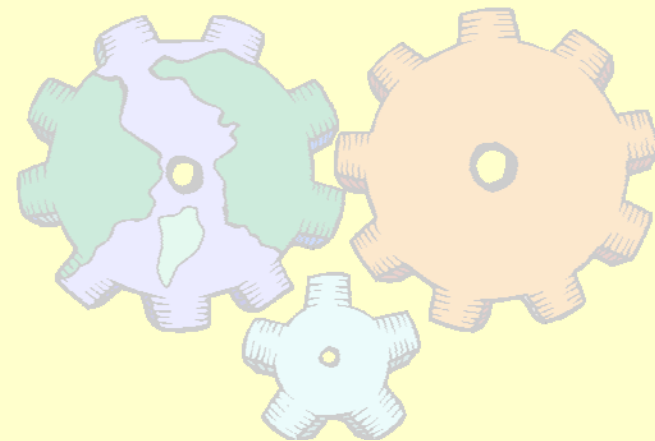
- Audit Trends
- Safety Culture Assessments
- What's New at CCHS
- Miscellaneous Information





CCHS Audits

- We do audits at least every 3 years
- Starting 4th round of audits now
- No longer do we look at SVA's for sites subject to Coast Guard/DHS requirements

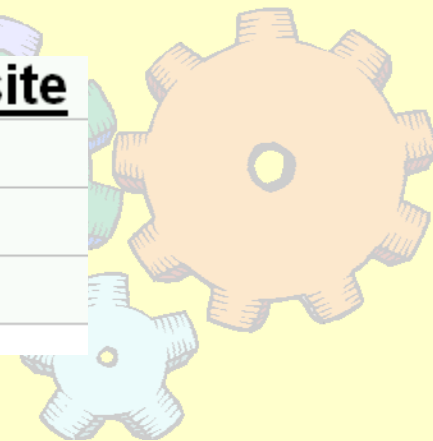




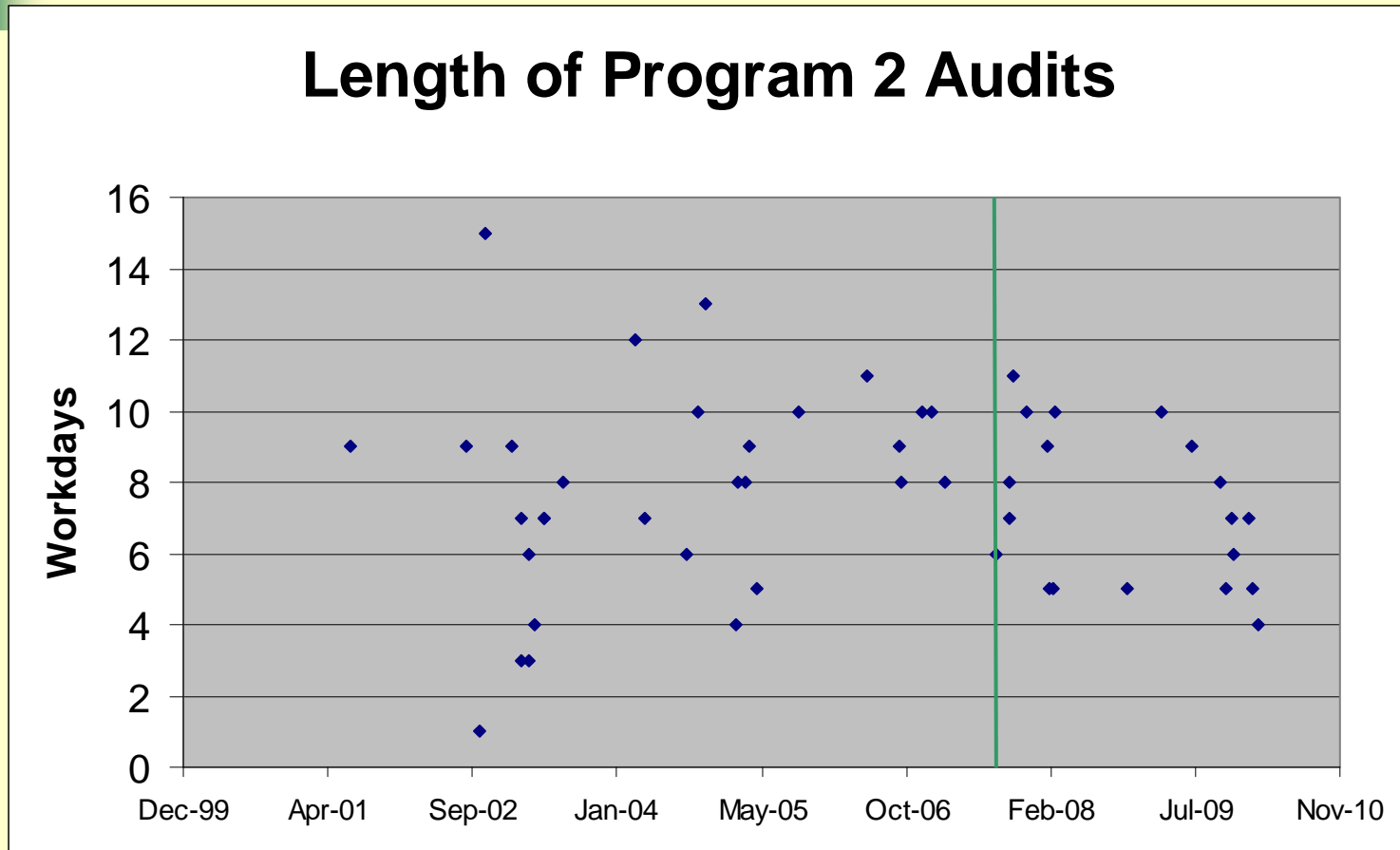
Abridged Audit Program

- Intent was to spend less time on programs in good shape allowing more time on programs needing attention
- Resulted in some shorter audits

<u>Audit Type</u>	<u>Scheduled Length of Time Onsite</u>
Program 2	2 weeks
Program 3	3 weeks
ISO	4 weeks

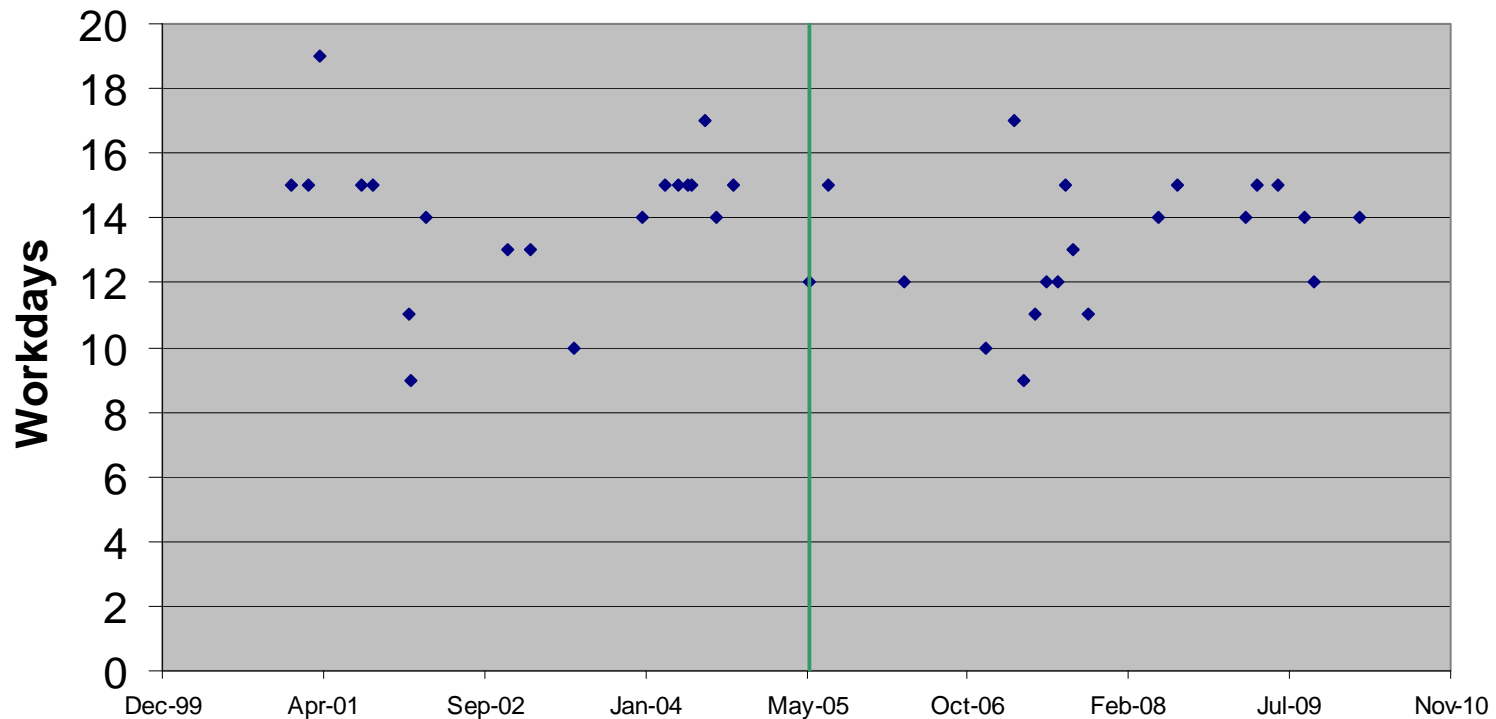


We Are Onsite How Long?

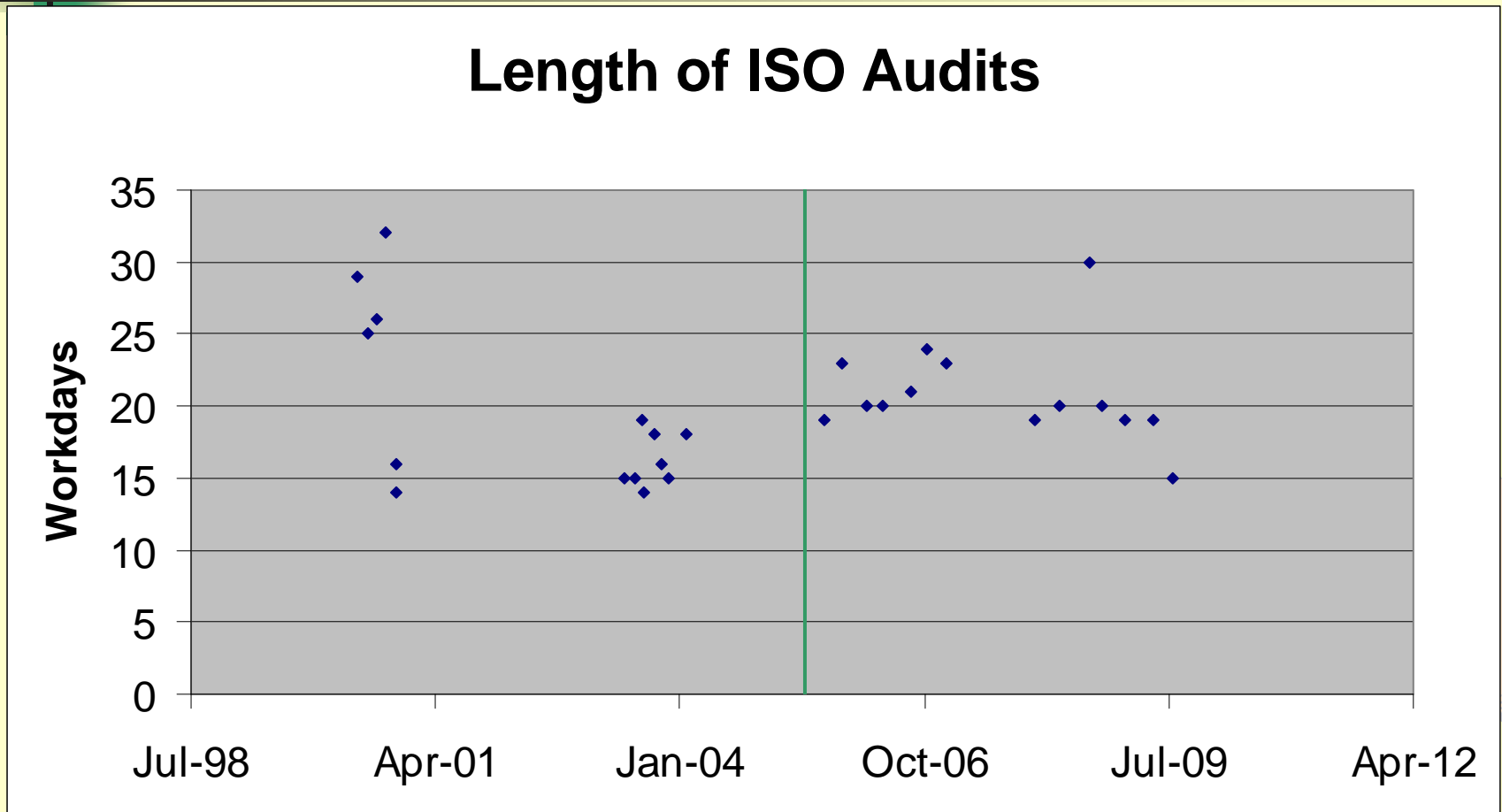


We Are Onsite How Long?

Length of Program 3 Audits

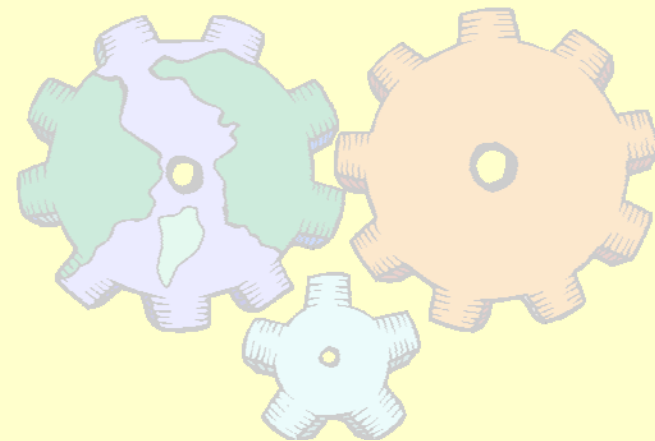


We Are Onsite How Long?



Are Shorter Audits a Pipe Dream?

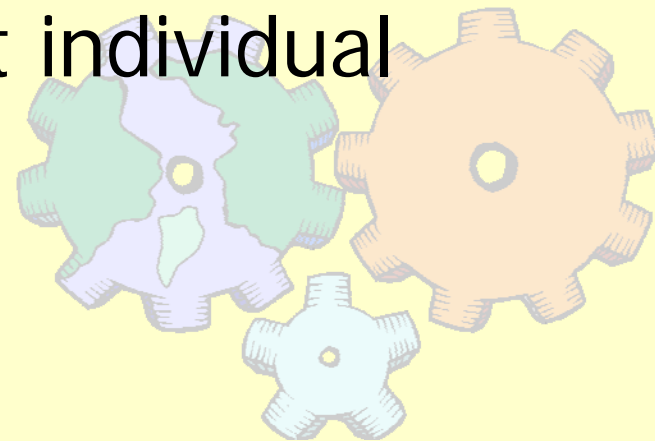
- Never give up, never surrender
- Current thinking is to look at questions that are more performance-based



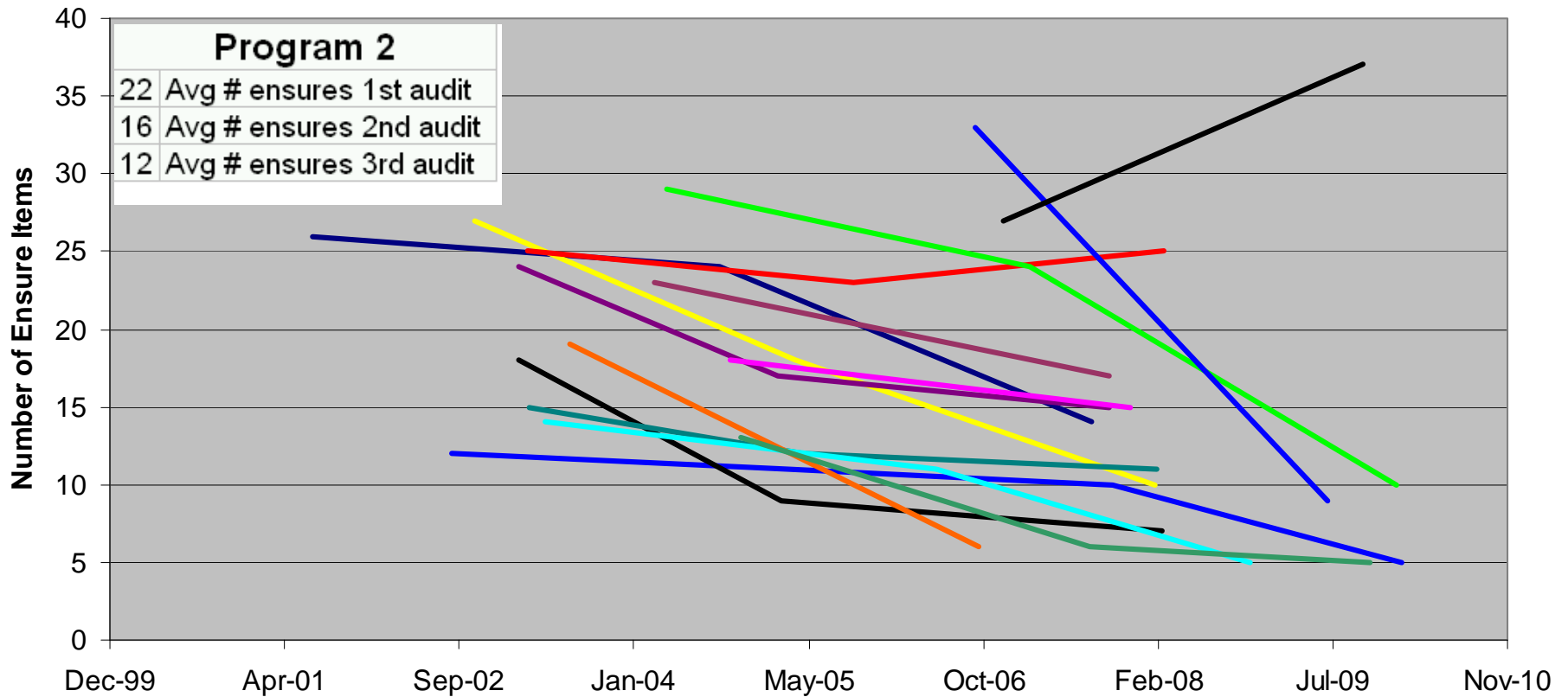


How Are Facilities Doing?

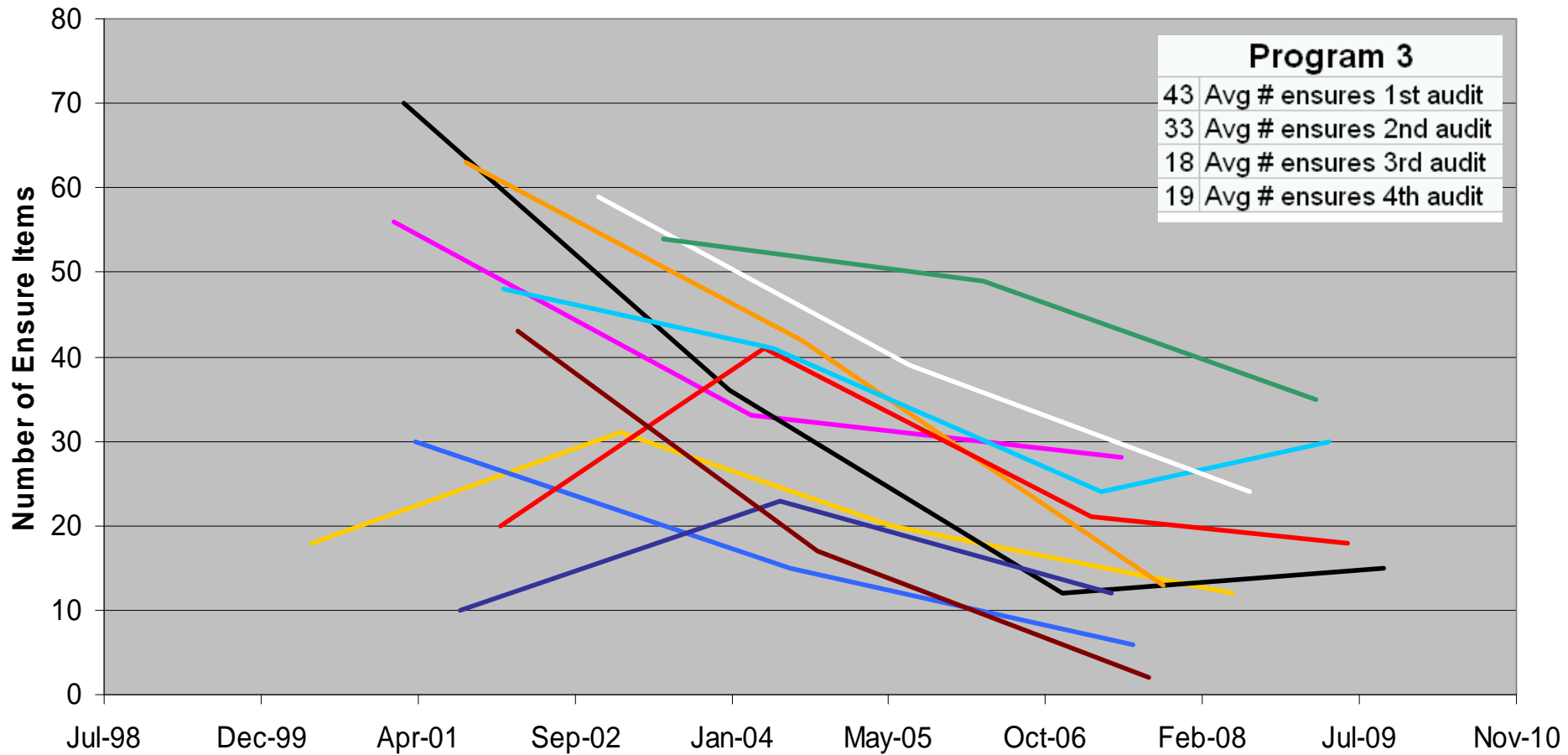
- The number of “ensure” action items is not the best indicator, but it is the one we have
- The following charts track the number of ensure action items at individual facilities over time



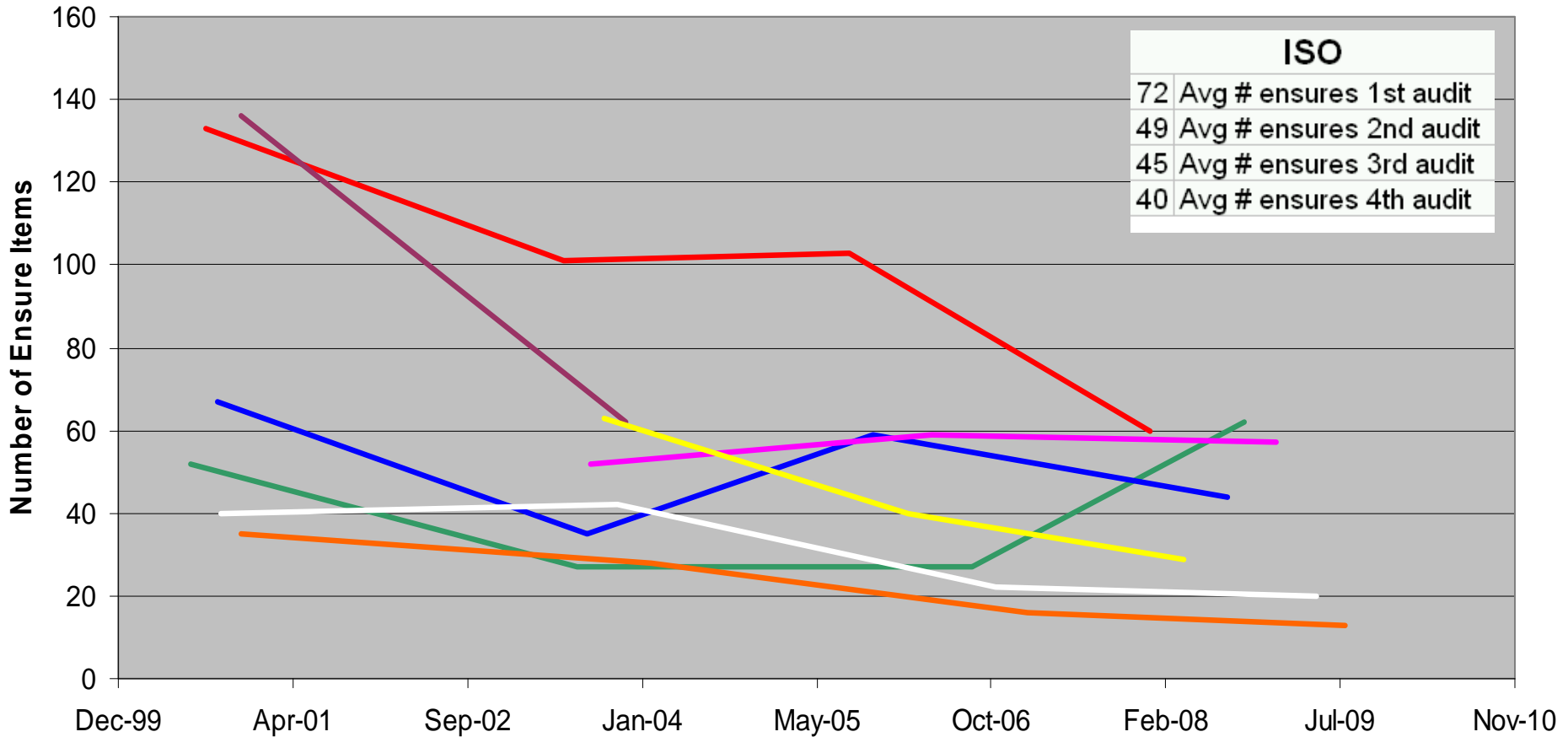
Ensure Action Item Trend for Program 2 Audits



Ensure Action Item Trend for Program 3 Audits

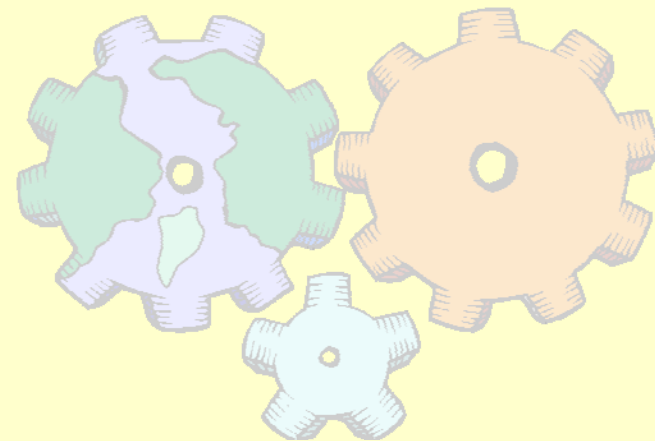


Ensure Action Item Trend for ISO Audits



Areas for Improvement

- Program 2
 - Compliance Audits
 - SVA
- Program 3
 - No major gaps
- ISO
 - Latent Conditions / Human Factors
 - Inherently Safer Systems

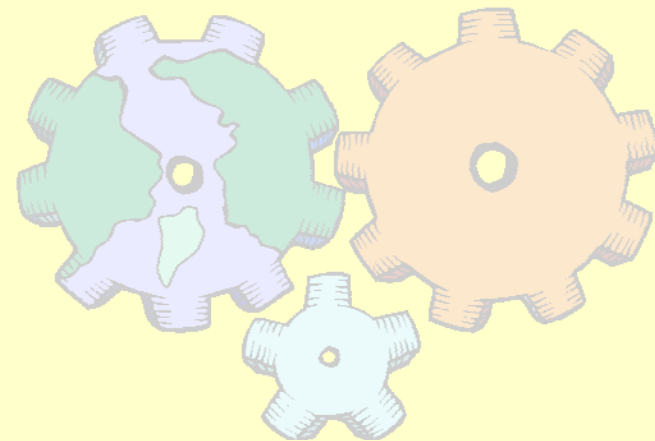


Safety Culture Update (County ISO)

- Completed and issued the SC guidance on November 10, 2009
- County ISO facilities have one year to complete and issue a safety culture assessment
- Methods to conduct the assessments:
 - Written surveys
 - Observation
 - Interviews
 - Focus groups

Safety Culture Update (County ISO)

- CCHS plans on visiting each County ISO facility around June this year to hear how these assessments will be completed





New Stationary Sources

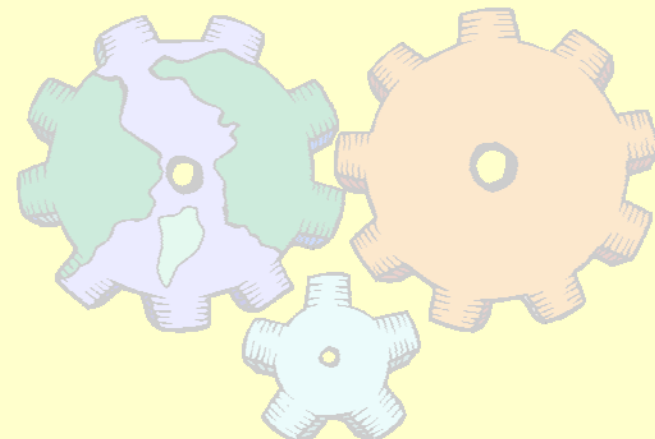
- The following facilities have recently been included in the CalARP Program:
 - Brentwood WTP (next to Randall-Bold)
 - PG&E (next to Mirant CCPP)
 - EBMUD Industrial WTP (next to Chevron)
 - Air Liquide Hydrogen Plant (ISO - inside CP)






No Longer in CalARP Program

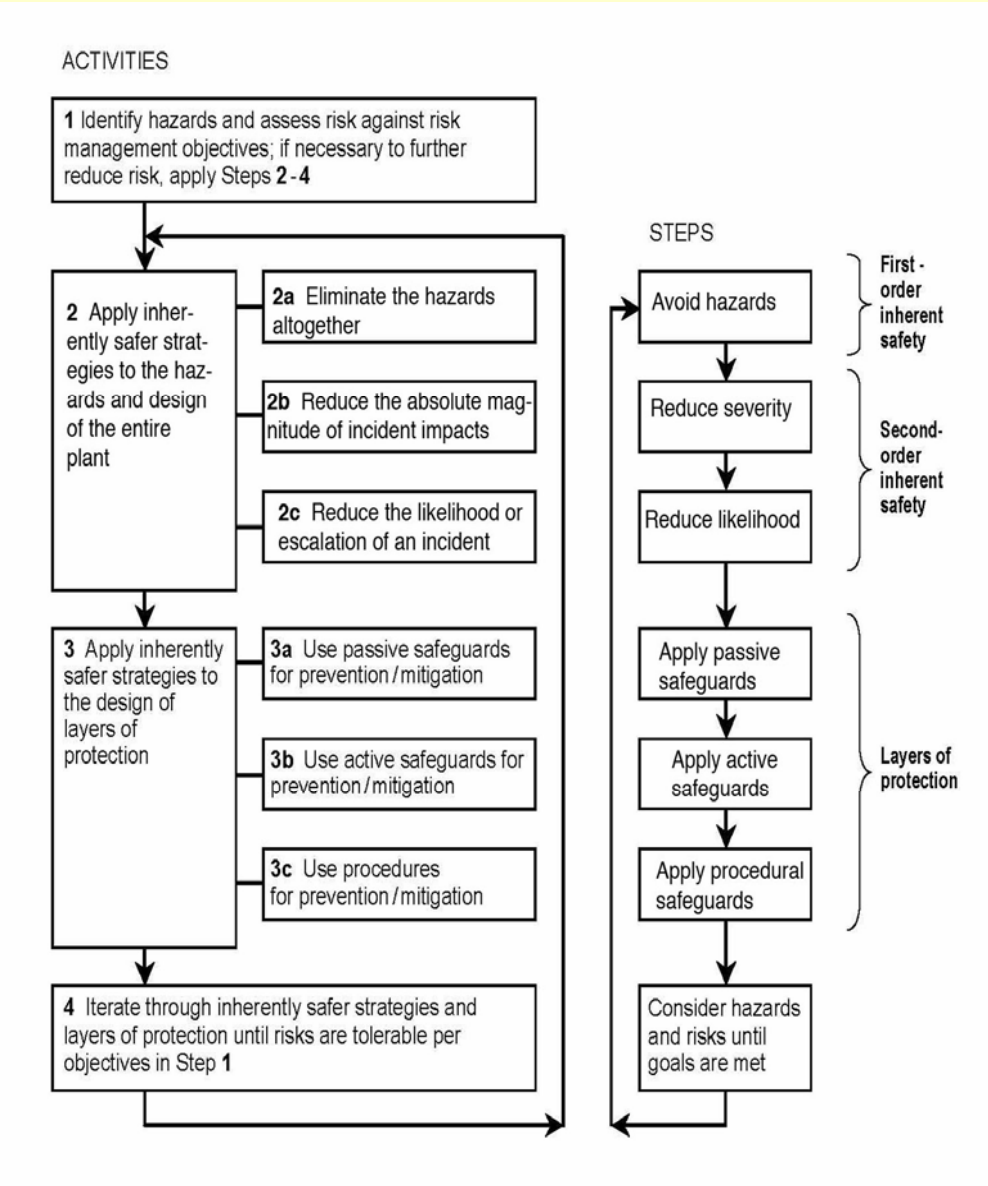
- The following have deregistered:
 - Praxair Distribution
 - EBMUD WTP San Pablo





Other News

- EPA is doing their next round of EPCRA/RMP audits
 - Other agencies have accompanied CCHS on audits
 - CCHS assisted with CCPS book development on Process Safety Metrics and Inherently Safer Systems
- 



Source: CCPS ISS
2009 Book



New Info

- CCHS' offices have moved
 - 4585 Pacheco Blvd., Suite 100, Mtz
 - New Emergency # (925)335-3232
- Hired a new CalARP engineer, Byron Nagel
- CalARP regulations are being revised





Contact Information

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