

Environmental Health Update

Denver Colorado

July 2007



NASA Occupational Health
A Healthier NASA

Guy Camomilli and Bart Geyer
Office of the Chief Health and Medical Officer



■ Agency Update

- Guy Camomilli, HQ OCHMO

■ Critical Success Factors for IH Computer Applications

- Eric Rasmuson, MS, CIH, Chemistry & Industrial Hygiene, Inc.

■ Applying Exposure Assessment Principals to Dermal Exposures

- Jennifer Sahmel, CIH, CSP, ChemRisk

■ Ethics in Industrial Hygiene

- Christine Corrigan, CIH, AIHA Board of Directors

■ Buy-Quiet and Quiet-by-Design Requirements

- Beth Cooper, PE, INCE Bd. Cert., NASA GRC

■ Open Discussion



- 38 IHs from NASA Centers Attended
- Presentations:
 - Agency Overview
 - History and background of IH programs at KSC & JSC from Mike Cardinale and Sean Keppta





Training

- Upcoming OCHMO Sponsored EH Training 2007
 - *40 hour RSO Course - SSC/MAF in **Aug 2007***
 - *IEEE RF Course Before FY 2008 – Location TBD*
 - *CIH Prep Course – 2008*
 - *ViTS*
 - *IH Vits on CIH Prep – Aug 8th*
 - *HP Vits – Sept 18th*
 - *IH Vits on Direct Reading Instr Update – Oct 10th*

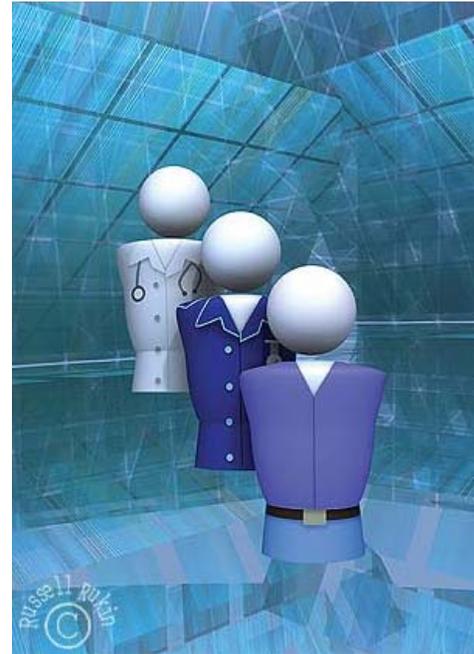
Initiatives and Ongoing Programs

- *CoF Efforts*
- *3 SATERN OH Courses have been updated*
 - *Bloodborne Pathogens, Hearing Conservation, Laser*
 - *One on Ground-Based Radiation Safety*
- *Annual OSHA Report submission*
- *Buy Quiet Resource – Beth Cooper*
- *NPR 1800.1 Revisions*



Center Follow-Up

- Ames EH related online SATERN courses – possible applicability to other Centers
- Inventory of Center IH Exposure Databases currently used at the Centers; Access, Excel, off the shelf product, etc.



Agency EH Policy Update

- NPR 1800.1 being revised
 - Eliminate Flow Charts, and Editorial Statements
 - Use of Appendices for Details (Checklists, Template Programs, Forms, etc.)
 - Environmental Health Chapter
 - Addition of 5 Sections on Radiation Safety, IAQ, EH Procurement Control of Hazardous Materials, Development and Reproductive Health, Nano-toxicity, and Biosafety

Agency EH Policy Update

- NPR 1800.1 being revised
 - Center Reviews Chapter
 - 3-yr incentive for Review Cycle Time
 - Previous review good
 - On-time submission of annual OH self-reviews
 - No re-competed OH contract components
 - More use of the website for downloading and uploading documents and other information
 - Improved signature cycle times
 - Will leave a working copy of nonconformances

OH Reviews – 2007/2008

■ 2007 Schedule

- JPL January
- JSC February
- GSFC April
- WFF April
- MSFC August
- HQ October

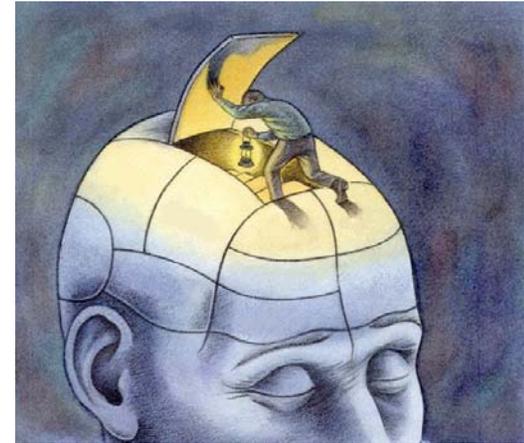
■ 2008 Schedule

- KSC January
- SSC March
- MAF April
- GRC June
- DFRC August
- ARC August
- LRC September
- WSTF October

■ Questions/Suggestions?



Open Discussion



- Nanotech

- Center efforts

- Follow-up on the PDC from Monday

- Follow-up on discussion from PDC on Creation, Measurement, Communication

- Budget and EH staffing impact with current NASA direction; contractor transitions.