FRMAC Working Group Updates for Semi-Annual State/FRMAC Call

January 25, 2017
Operations WG Updates

- No Major Activity
- Next proposed meeting: Week of May 15th in conjunction with the Assessment Working Group
  - FRMAC Mission Analysis
  - FRMAC Operations Manual
Summary of FRMAC Assessment Working Group (AWG) Activities:

• Building protection factors (BPFs)
  - AWG Focus Group led by LLNL has completed literature review of BPFs,
  - Working to finalize recommended default BPFs
  - Developing approach on how FRMAC will uses BPFs for Early and Intermediate Phase Assessment

• Working to improve the interactions between the Assessment Division and NARAC

• Scheduling the next AWG meeting (May 2017)
FRMAC Assessment Manual, Volume 1 Status:

- Website address has changed:

- Current version is April 2015
- Plan to release updated FRMAC Assessment Manual in February 2017
  - Incorporate AWG-approved methods
  - Incorporate updated lung clearance type (LCT) and particle size distribution assumptions
  - Update DRL and Dose Parameter values based on new LCT assumptions.
Turbo FRMAC© Software Status:

• Current version is Turbo FRMAC © 2017 (released January 17, 2017)
  - Website address: http://nirp.sandia.gov/
  - Improvements:
    • For explanation of what has changed, go to: https://nirp.sandia.gov/Software/TurboFRMAC/TurboFRMAC.aspx
  • Working to get approval to add additional capabilities to Turbo FRMAC
    • Briefing products to transmit relevant technical information and to support Radiological Operations Support Specialist (ROSS) duties
      - Protection from external radiation provided by buildings
The Assessments of food quickly get very complicated and there are many variations to the analyses.

Getting real ground and agricultural products sample results is difficult within the time needed.

Food Industry will be extremely conservative with decisions to take products to market.

EPA Relocation Zones and FDA Food embargo zones will be inconsistent which will be a Public Relations challenge.
Health & Safety WG Updates
Monitoring & Sampling WG Updates
Lab Analysis WG Updates

• Programmatic Improvements
  - Compiling lessons learned from Northern Lights Exercise
  - Evaluation of FAL equipment
  - Developing training modules for Gamma Spectroscopist Position
  - Piloting quarterly problem set for continuing training

• Planned Northern Lights Exercise Activities
  - Panel discussion at NREP Conference (April 2017)
  - Lessons learned workshop at APHL Conference (June 2017)

• Joint EPA/FRMAC FEMA/NIRT Project 2016
  - Refining process for shipping samples to off-site labs
  - Evaluating and Streamlining QA processes
  - Guidance for contamination control and waste segregation
Questions?