

# **Radiation Control in Tank Farms discussion with HAB**

**Update 4-19-12**

# Timeline background

- 2-23-10, ORP initiated an assessment of WRPS Rad Program
- 6-9-10, ORP issues RadCon assessment report.
  - 1 Concern, 3 Level 1 findings, 12 level 2 findings
- 11-5-10, WRPS submits a CAP, which ORP approved.
  - Based on Root causes
  - An end point/effectiveness review was required
- 5-27-11, DOE Office of Enforcement issues a Consent Order based upon ORP identified significant nuclear deficiencies dating back to 2008.
- 1-13-12, Independent Endpoint Assessment and Corrective Action Effectiveness Review Report was issued

# Current Status

- ORP is validating closure documentation submitted by WRPS to address ORP findings. Closure of the Level 2 (lower level) findings is currently the focus for ORP RadCon.
- The effectiveness of closure for five emergency preparedness level 2 findings was assessed by ORP RadCon and EP.
  - The result was rejection of closure for two findings, and issuance of 1 new finding. Three findings were closed. The level 1 finding remains open.
- ORP will assess the adequacy of closure of the remaining level 2s in this order;
  - ALARA work planning and training (2 level 2s)
  - Radiological Conduct of Operations (Practices) (3 level 2s)
- ORP SHD will assess the adequacy of closure of the Corrective Actions Management issues (1 Concern supported by 5 level 2s, 2 of those overlap with other areas)

# Analysis of the Radiation Protection Program

by ORP RadCon

- WRRPS RadCon continues to demonstrate commitment to continuous improvement
  - Using and continually refining Performance Indicator and trend data to uphold standards and to drive improvements.
  - Upholding the ISMS expectation to seek feedback.
    - *E.g. -Driving for (and getting)timely performance of ALARA reviews which had previously been identified as an issue by ORP*
  - Self assessment program receiving management attention and prioritization
  - Lessons Learned are briefed at staff meetings /"Rad Happenings" posted and distributed
- Still seeing individual performance issues
  - not always caught by WRRPS, but by ORP instead
  - response has been consistent to uphold the standard.
  - WRRPS is addressing with ConOps improvements that are to be rolled out.
  - This continues to be an area where improvements could be made.