Naval Postgraduate School
RSC Third Quarter Meeting Minutes

17 July 14

Attendance:

Jeff Paduan
Ryan Greve
Luke Brewer
Ron James

Dean of Research
Radiation Safety Officer
MAE Associate Professor
Assistant Radiation Safety Officer

Jeff Paduan
Dean of Research

Ryan Greve
Radiation Safety Officer
Naval Postgraduate School
Radiation Safety Committee 3rd Qtr. Meeting Minutes

July 17, 2014

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Jeff Paduan                  Dean of Research
Ryan Greve                  Radiation Safety Officer
Luke Brewer                 MAE Associate Professor
Ron James                   Assistant Radiation Safety Officer

1. Meeting was called to order at 1222.

2. Accelerators
   • BPG
     - Provided personnel and training requirements for MKI operation
   • FXR
     - SEOP approved by RASO with modifications
     - SEOP mods approved by RSC
     - FXR maintenance required prior to operations
   • 1st Half Particle Accelerator Audit complete and Audit Summary command endorsed 20 June 14

3. Type B, Broad Scope NRMP
   • NFS NRMP 04-62271-D1NP Amendment 3 approved by RASO
   • Historical Radiological Site Assessment
     - No action since 1st quarter 2014
   • Modification of LLRW in progress
   • 1st Half NRMP audit complete and command endorsed. No findings

4. Analytical Measurement Instruments
   • 5 Electron Microscopes, 2 XRDs 1 MK1
     - Decommission MySem
     - Bring Technai Osiris TEM online
   • SEOP review following release of RAD-010 Rev 2
   • Rev 2 may require permitting of AMI, similar to NRMP
   • 1st Half AMI Audit complete and command endorsed, 20 June 14. 5 low level RDRs

5. Training
   • RSO and ARSOs meet current training requirements
     - Greve, James and Brewer
     - Deb Waxer ARSO August '14
   • 37 Non-Radiation workers (SEM/TEM/XRD)
   • Emergency Responder training complete for NPS Security and MFD
   • 1 Radiation Worker
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6. Radiation Health Program
   • POMAHC performing Radiation Medical Exams
   • FXR, BPG will require RME prior to accelerator operations (> 1 MeV)

7. Radiological Deficiency Reports
   • 11 RDRs in 2014 to date
     - Unsupervised Personnel in Controlled Space
     - Missing info on Zeiss Utilization logs
     - Unauthorized procurement on RAM
     - Pre-inspection Inventory Not Provided
     - Watkins 22C Door Not Secured
     - Phillips XRD Utilization Log Incomplete
     - Improper Utilization Log
     - Semi Annual Rad Survey Not Performed (MySEM)
     - Unable to Perform Quarterly Supervisor Surveillance-Brewer
     - Unable to Perform Quarterly Supervisor Surveillance-Barone
     - 2nd Quarter RSC meeting not performed

8. RSC
   • NPS maintains RSC as part of 2010 corrective actions
   • No regulations require RSC based on current and anticipated operations
   • Maintain, modify or dissolve NPS RSC?

9. Meeting adjourned at 1304