



... for a brighter future

APS/Users Operations Monthly Meeting

Rod Gerig

November 19, 2008



U.S. Department
of Energy

UChicago ►
Argonne_{LLC}



A U.S. Department of Energy laboratory
managed by UChicago Argonne, LLC

Agenda

- 2:30 p.m. Refreshments
- 2:45 p.m. APS Update – Rod Gerig
- 3:05 p.m. Renewal Update
2009 User Meeting Planning – Paul Fuoss
- 3:25 p.m. ANL Strategic Planning for Hard X-ray Science and Imaging -
George Srajer
- 3:45 p.m. Adjourn

Safety Issue

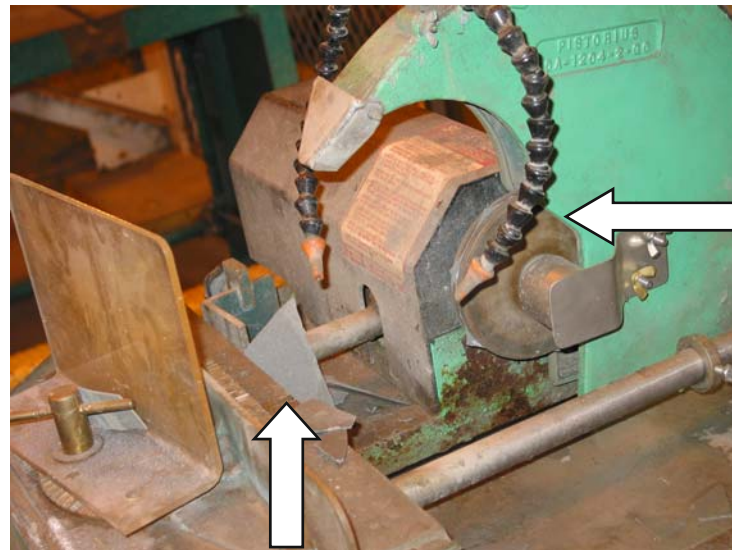
“Abrasive Cut Off Saw” Thumb Injury

- Worker was using an Pistorius abrasive cut off saw to cut bolts from two small plates.
- Saw uses a thin grinding wheel rotating at 1750 RPM with water jets to cool/clean wheel edge and item being cut.
- Wheels are brittle and easily break.
- Saw has machine guarding designed to direct fragments straight downwards.
- This was a “home project” and not authorized work.



Thumb Injury cont'd

- Worker was holding one piece where his thumb was near the wheel and exposed.
- Worker inadvertently tilted piece when one bolt was cut through and then wheel contacted a second bolt – this placed lateral force on the wheel.
- Wheel shattered and a fragment struck worker's thumb with enough force to split the skin and nail as well as break the bone in the thumb's tip.



Wheel shattered leaving support mandrel in place.

Wheel Fragment

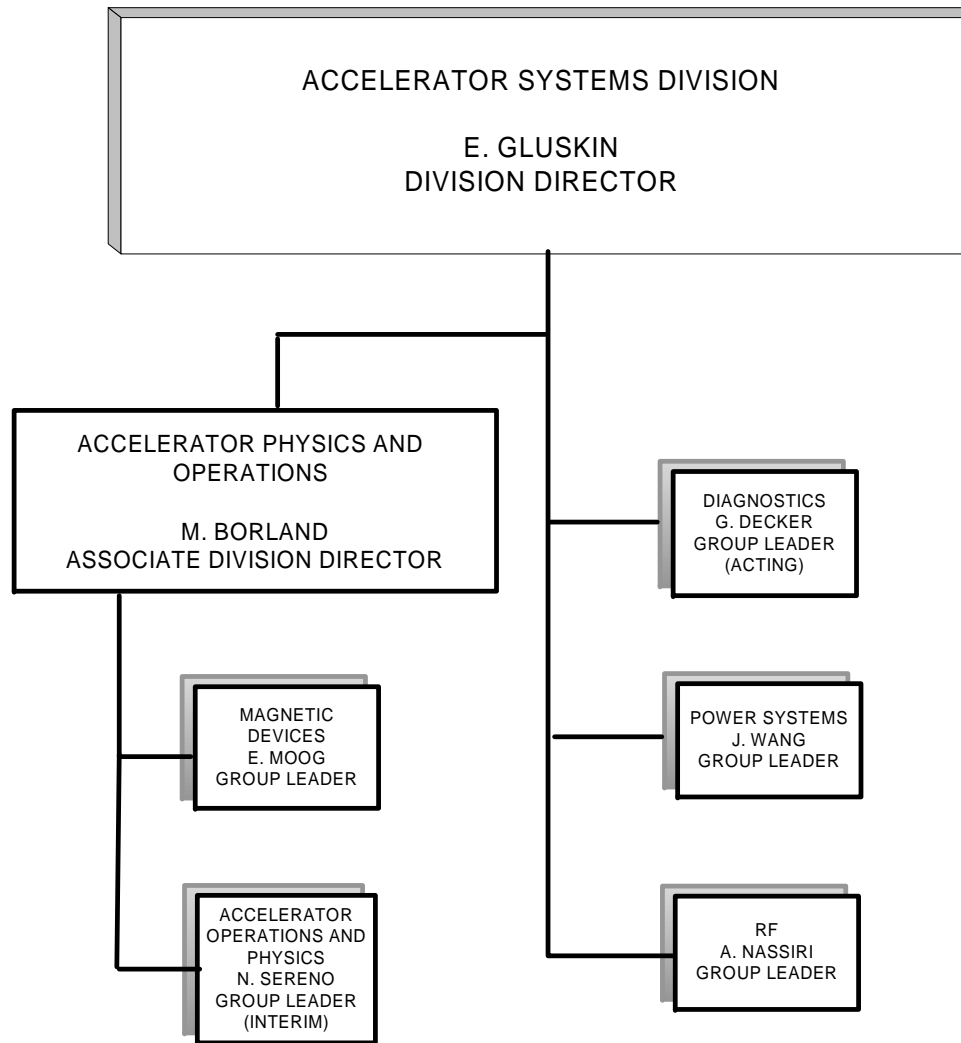
Actions Taken

- Saw was examined and all machine guarding was properly in place.
- Counted as a “serious injury” and had to be formally reported to DOE.
- Saw operating manual obtained and safe operating practice will be demonstrated to other workers who use these saws.
- Argonne’s Chief Operations Officer issued a memorandum to all Division Directors and Department Heads reminding them of Laboratory policy regarding use of equipment only for authorized work.
 - Incidental use of phone and computers allowed.
 - Policy also applies to all resident and non-resident users and non-ANL owned equipment which is located at the ANL site. Notice will go out in User news.

APS General

- No additional news on funding – on CR through March 6, 2009
- We have begun to plan the Run 2009-2 schedule
- Name change of Associate Laboratory Directorate
 - **Scientific User Facilities** name has been changed to **Photon Sciences (PSC)**

Reorganization in Accelerator Systems Division





SGX-CAT

- Eli Lilly and Co. purchased SGX Pharmaceuticals on August 20, 2008
- Beamline part of Lilly Global Structural Biology group
- Operational plan similar to past 7 years
- Upgrades for detector and robotics approved for 2009
- Sector will be renamed to reflect new organization

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