



**MSD** Materials Sciences Division

# Safety Committee Meeting

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MSD Safety Committee Meeting  
October 6, 2015



U.S. DEPARTMENT OF  
**ENERGY**

Office of  
Science

# Agenda

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- Introductions
- Updates
  - Corrective actions from the April 1 events
  - Power shutdown 66/62 resulting in loss of ventilation in 62
- Upcoming EH&S related events
  - The Great Shakeout 10/15/15
  - DOE Lab-wide Chemical Safety Audit 11/16-20/15 – Larry McLouth EHS
  - EHS Nanomaterial Self Assessment FY16 – Kurt Ettinger EHS
- Fume hood use – Laurel Davis EHS
- Safety Organization and OJT Example – Javey Group

# Introductions

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- People
  - MSD EH&S
  - MSD Executive Safety Committee
  - MSD Safety Committee
  - MSD Operations
  - EH&S Support
- MSD EH&S Program
  - Who's program is it?
  - What is it?
    - Participative
    - Communicative
    - Effective

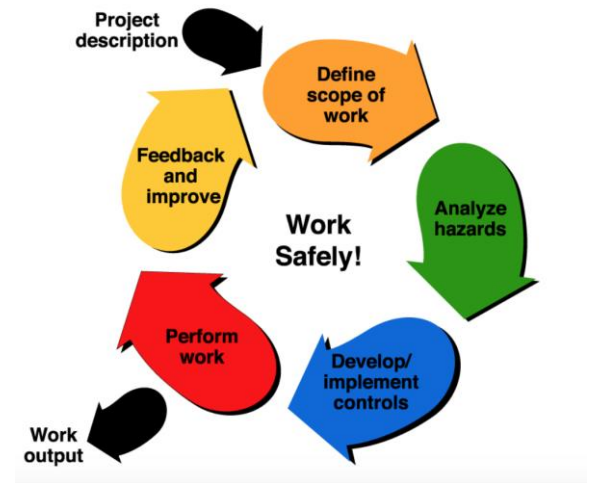
# Updates

- Corrective actions (April 1 Incidents) – See handout
  - Focus on communications between workers and line managers with regard to changes in processes or scope.
    - Substitution of chemicals
    - Scaling up
  - Hazard recognition
  - Hazard analysis
  - Metal fire response



# Updates

- 62 power/ventilation failure
  - Scheduled power shutdown
  - Problem with the transformer for 62
    - Temporary power outage
    - Ventilation outage
      - Restricted operations in 62 laboratories
        - EHS observed fume hood work
          - Stand down
            - Investigation findings
              - Communications
              - Hazard analysis
              - Hazard recognition



# Updates



# Updates

- WPC
  - Activities for all work
  - Authorization requires:
    - Up to date required training
    - Supervisor approval
    - Worker acceptance
  - All MSD AHDs have been converted
  - JHA system to be shut down within 6 months

TRAININGS	ACCEPTANCE	APPROVAL
✓	✓	✓
✓	✓	✓
✗	✓	✓
✓	✓	✓
✓	✓	✓

# Upcoming EH&S Related Events

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- Great Shakeout 10/15/15 10:15 AM
- Chemical Safety Audit 11/16-20/15
  - Implementation of NFPA 45 in laboratories
  - Focus on field implementation vs. review of EHS Policy
  - Led by PNNL and Oakridge personnel
- Nanomaterial Self Assessment FY16
  - Updates and changes to DOE Order 456.1 are pending following recent audit findings
  - LBNL and other NSRC labs to provide input to DOE during update process
  - LBNL self assessment sometime in FY16 following changes to 456.1