

# ESH Coordinators Meeting Safety Engineering Update



SIXTY YEARS  
OF DISCOVERY  
1947-2007

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**BROOKHAVEN**  
NATIONAL LABORATORY



# Pigtail Extent of Condition

- WE ARE NOT ON TRACK TO MEET OUR COMMITMENTS!
  - Report due to DOE 12/5/2007 on pigtail extent of condition, and there are many Departments/Divisions that still have not reported!

# Extent of Condition

- Background
  - DOE Issued a Surveillance in March for a wiring issue at Waste Management



# Extent of Condition

- Issue

- DOE's position is that flexible wiring directly into a panel is not allowed
- We disagree and are pursuing interpretations of the National Electrical Code
  - Does not absolve us from determining the Extent of Condition
- This wiring condition is prevalent at the Laboratory

# Extent of Condition

## ■ Action Plan

- A quantified Extent of Condition is due to DOE by 12/5/07
  - Extended time frame chosen specifically to permit observation during Tier I (6 months to accommodate Plant Engineering)
  - This time frame was coordinated with ES&H Coordinators by e-mail on 3/12/2007
  - Proposed form available
- Submit forms any time, but before 11/15/07

# Extent of Condition

- Conditions to be documented
  - Temporary Wiring that has exceeded its temporary status (usually 90 days)

# Conditions to be Documented

- Flexible electrical cords not protected from physical damage



# Conditions to be Documented

- Flexible electrical cords wired directly into electrical panels and having a receptacle affixed





# Extent of Condition

- Status as of 11/21/07
  - Responses received from:
    - NSLS-II
    - NSLS – Bldg 725 & 729
    - ERP – Bldg 701, 704, 750
    - EENS – Bldg 490D, 526, 815D, 815E, 830
    - OMC Bldg 490
    - ITD Bldgs 129, 449, 459, 515
    - Instrumentation Bldgs 356, 535
    - BHSO Bldg 464
    - Chemistry Bldg 555

# Extent of Condition

- If you are not on this list, but you sent in your information, please resend, or at least let Steve Kane know about when you sent it so he can find it in his e-mail
- If you haven't sent it in, please do so by Tuesday, 11/27/07 (that's next Tuesday!)