

Memo

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for the U.S. Department of Energy

Date: March 13, 2007

To: Distribution

From: R. Savage / *R. Savage*

Subject: "Safety-Walk"

On Friday, March 9, 2007 at 0830 hours, a "Safety-Walk" was performed focusing on installing new Power Supply Interface (PSI) communication hardware in a Booster PS-1A power supply to be used as a test in order to diagnose any communication concerns prior to installing this system in all six Booster power supplies during the next scheduled maintenance. This enhancement requires the replacement of the old multi-bus chassis in rack 4932 with a new VME chassis and PSI communication hardware installed in the PS-1A power supply. Communication between units is accomplished using fiber optic technology. The new system's memory bank stores critical information in case the overall system goes down allowing operators less time to diagnose a problem thus improving startup tasks. In addition, this system has been installed in the AGS main power supplies two years ago and all hardware and associated software is functioning as required.

Safety-Walk Attendees:

William Venegas (Controls Division Technical Supervisor)
Charles Theisen (Controls Division Engineer)
Ralph Schoenfeld Jr. (Controls Division Technician)
Richard Savage (C-A ESSHQ)

Task: Observe pre-work planning process in preparation to install new PSI hardware in a Booster power supply, located at Booster in building 930A. In addition, observe actual installation activities associated with this work assignment which will take approximately 3 days to complete.

Positive Observations:

- Work planning addressed complete task including utilizing certain cable trays to run fiber optics cables, chassis connections and material required for task.
- Work involves low voltage (110v.a.c) to turn system on and will not require working hot during installation.
- Safety glasses and hearing protection will be the only PPE required for task.
- Work control document log was completed by Supervisor and Technician very knowledgeable of PSI hardware and installation tasks.
- Supervisor notified Technician that the Engineer or he will be available to assist the Technician with installation activities if requested.

Negative Observations:

None

Distribution: Safety-Walk Attendees

D. Barton
R. Karol
E. Lessard
D. Lowenstein