

INSTALLATION SIGNOFF PROCEDURES FOR THE FAR DETECTOR

1. Electrical

The safety officer (Jerry Meier) or his designee will check the units as they arrive (for exposed A/C and grounding) and energize them as appropriate. They will then be tagged as ready to either test or install. The designee might be the physicist/engineer responsible for the unit. Junction box wiring must be done by a licensed electrician.

High-current devices (the magnet power supplies) should not be activated before Jerry Meier and a designee (Bob Trendler?) from Fermilab have written an operations procedure and powered the units. This may involve utilizing a test load. The magnet coil turn-on should follow a similar plan.

2. Mechanical

A. Cranes, Monorail and Steel carts

1. The outfitting contract provides for operator training by the equipment suppliers. Jerry Meier will participate in the training, and he is himself certified to train.
2. A written procedure will be abstracted from the training documentation furnished by the suppliers.
3. Jerry Meier will train and authorize crew bosses to use the equipment. Only authorized personnel can operate this equipment.

B. Materials Handling Cage

1. A signoff committee will be formed to assess and document procedures. The (tentative) membership will include Jerry Meier, Bill Miller, Jim Beaty, and Anthony Zavodnik and Alan Kosir from the DNR. Jim Kilmer from Fermilab will act as a member (if present) or consultant.
2. The committee will review the videotapes from the New Muon Lab tests and develop a written procedure based on the Fermilab ORC documentation.
3. Jerry Meier will insure that mine crew members are familiar with, and follow the procedure.

C. Strongback use and plane deployment

1. A signoff committee will be formed to assess and document procedures. The (tentative) membership will include Jerry Meier, Bill Miller and Jim Beaty. Jim Kilmer from Fermilab will act as a member (if present) or consultant.
2. The committee will review the videotapes from the New Muon Lab tests and develop a written procedure based on the Fermilab ORC documentation.
3. Jerry Meier will insure that mine crew members are familiar with, and follow the procedure.