

January 3, 1996

TO: file

FROM: Bob Shovan

SUBJECT: Proc 401 (1200 Ton Shield Door)

Steps to open door --

1. Disconnect Safety Devices
2. Open upper shielding doors
3. Remove and store upper shielding
4. Remove and store vinyl air flow strips
5. Remove and store outer hydraulic jack covers
6. Remove closure between shield door and Muon Wall support in Collision Hall.
7. Disconnect lighting on inside of 1200 ton shield door
8. Set up hydraulic push / pull cylinders to move shield wall to pull door to north
9. Hook up Unified Jacking Sytem to push / pull cylinders and hydraulic lift cylinders
10. Lift 1200 ton shield door
11. Move door north to turn position
12. Lower 1200 ton shield door
13. Rotate Hillman Rollers
14. Lift shield door
15. Move push / pull cylinders to west to push door into storage area
16. Hook up push / pull cylinders to push door
17. Push door east, into storage area

Check list to OPEN shield door --

1. Safety devices disconnected and removed as necessary
2. Lighting and electrical devices disconnected and removed as necessary
3. Upper door hand stack shielding removed
4. Spacer removed between between door and muon wall platform
5. Remove shims between 1200 ton shield door and floor and store on door.

Check list to CLOSE shield door --

1. Movement area clear of obstructions
2. Area sweep for debris

Steps to close door --

1. Clear area of movement
2. Clear area on top and around of shield door
3. Set up hydraulic push / pull cylinders to move shield to west
4. Hook up Unified Jacking System for push / pull and lifting
5. Lift 1200 ton shield door
6. Pull shield door west to turn position
7. Lower shield door
8. Rotate Hillman Rollers
9. Move push / pull hydraulic cylinders to north to push shield door to running position.
10. Hook up push / pull cylinders to push door
11. Push shield door to running position
12. Install upper shielding
13. Install vinyl air flow strips
14. Install upper shielding doors
15. Install covers over hydraulic jacks
16. Install lighting on inside of shielding door
17. Install and test safety devices on shield door