21. Adjust the feedbox, gravity belt and pressure belt speeds using the HMI to produce optimum dewatering.

22. Collect samples of filtrate, liquid sludge and sludge cake after first truckload of sludge. Take samples to lab for analysis.

23. Log pertinent data on Belt Press Report throughout dewatering process.

24. When the desired amount of sludge has been dewatered, stop the sludge transfer pump and polymer system.

25. Open the feedbox drain.

26. Begin the wash down of the press after the remaining cake has left the press and the belts are still running using the HMI screen.

27. Manually wash the press and area around the dewatering system off during the wash down cycle.

28. Manually turn off the wash water pumps using the HMI.

29. Close wash water valve.

30. Manually turn off the gravity belt using the HMI.

31. Manually turn off the pressure belts using the HMI.

32. Manually turn off the hydraulic system using the HMI.

33. Manually turn off the conveyor system using the HMI.

34. Record total gals. dewatered from totalizer in pump room on Belt Press Operation Report

35. Notify the pertinent personnel that the dewatering process is complete.

BELT PRESS EMERGENCY SHUTDOWN:

The emergency shutdown is designed to stop the equipment only in emergency situations. Do <u>not</u> use this procedure to shut down the dewatering system during normal operations. The Emergency Stop cycle will initiate the following sequence of events:

1. Sludge feed pumps stops
2. Polymer systems stops
3. BFP stops
4. Conveyor system stops
5. Wash water pump stops
6. Hydraulic system stops
7. Alarm is activated locally and remotely (SCADA)