

**TECHNICAL NOTE**                      **WORK REQUEST NO: 17410**

Replace existing Viatran flow/DP transmitters in User BL-EPS system with Yokagawa transmitters. DP transmitters will be changed to "flow" type. Work to be done in beamline 1-ID (only).

**Engineer:** R. Dortwegt

**Chief Technician:** E. Theres (work supervisor)

**Radiation Safety System:** no

**Red tag:** no

When performing this work:

1. Do not start work until the engineer has discussed the job with personnel assigned to the work.
2. Close the supply and return valves that supply water to the hutches in which the flow meters are located. Lock all of these valves (LOTO).
3. Replace Viatran transmitters with Yokagawa type.
4. Remove cable connectors from existing Viatran transmitters and connect wiring directly to the terminals in the transmitters. No terminal strips will be used.
5. After "braining" the transmitters, verify correct operation of new flow meters by shutting off the water supplies and ensuring that loss of signal occurs on the correct Love controller.
6. Check for leaks.