

TECHNICAL NOTE **WORK REQUEST NO: 17404**

Install two flow meters and two temperature sensors in return water lines for tuners for PAR-RF cavities.

Engineer: R. Dortwegt

Chief Technician: R. Ferry (work supervisor)

Radiation Safety System: no

Red tag: yes

When performing this work:

1. No work shall take place until the engineer and chief technician have discussed the work.
2. Perform LOTO on supply and return valves that supply water for the water circuit in the PAR enclosure. The engineer must indicate the location of this circuit and isolation valves.
3. The flow orifices and RTD's will be installed in the PAR enclosure. The flow and temperature transmitters will be installed outside the PAR enclosure.
4. Wire PLC per instructions from R. Putnam and R. Ferry. There must be no exposed 120VAC wiring in the cabinet when making these connections.