

**Closed Orbit Control in Energy Ramps on the SRS at Daresbury, S.F. HILL, CLRC Daresbury Laboratory, Warrington, WA4 4AD, UK** - The SRS is a second generation synchrotron radiation source which ramps from its injection energy of 600 MeV to 2 GeV relatively slowly (~1 minute). Some orbit control during energy ramping has taken place on the SRS for the last two years, to overcome problems encountered with large bare orbit drifts and allow high currents (>300 mA) to be ramped reliably for operations. This has now been extended to give tighter control to the orbit at all points during the ramp, in preparation for the installation of two new Insertion Devices in the ring. The reduced vertical aperture specifications for these will demand a higher degree of position control through all phases from injection to user beam. Typical orbit deviations previously seen in energy ramps will be shown, and compared with new results gained by the application of steering corrector files at suitable points on the ramp.