An Uninterruptible Power Supply for the SRS, S.A. GRIFFITHS, S.J. HANDS and D.E. POOLE, CLRC Daresbury Laboratory, Warrington WA4 4AD, UK - The deterioration in the public electricity supply to the site in recent years has led to the recovery time from short mains interruptions becoming one of the major causes of downtime of the SRS. Two uninterruptible power supplies, operating in conjunction with diesel generator sets, have been introduced to reduce the downtime. This paper describes the design, installation and early operating experience of the system.