Richard E Tully CEng FIMechE FCIBS MConsE is the senior partner of Buckle & Partners, a multi-service practice of consulting engineers. He has been responsible for the overall conception and design of comprehensive mechanical, electrical and acoustic environmental engineering services for a variety of projects in both the UK and overseas. He is also the author of various technical papers and articles and has served on a number of technical committees.

President CIBS 1984
BRITISH PETROLEUM HEAD OFFICE BUILDING, LONDON. This building, forming part of the London Barbican scheme, consists of two low-level blocks and a 16-storey tower block. 3500 induction units are used to air condition the perimeter rooms of the tower block; other areas use high-velocity ducted, and traditional low-velocity systems. Four water-cooled towers give a total head output of 52 MBtu/hr, and the cooling power of the refrigerating plant totals 1758 tons. Architects: F. Miller, W. Cashmore & Partners. Consultants: G. B. Buckle & Partners. Main contractor: John Laing Construction Ltd.

Britannic House, mid-1960s – induction unit air conditioning
Work began on the £53 million Barbican Arts Centre in 1971. Ten years later and 60 acres of war-torn London had been regenerated and a new cultural centre created in the heart of the city.

The Barbican Arts Centre in London commenced 1971
The Barbican Concert Hall 1979
Inspecting the thermal/acoustic insulation inside a walk-in air duct
Barbican Centre 1979