## Contents

C380/88	Decommissioning the Windscale advanced gas-cooled reactor – a demonstration project for UK reactors <i>P J Thomas, T Boorman and A R Gregory</i>	1
C381/88	The decommissioning of eight graphite-moderated reactors HF Daugherty and CE Miller	. 11
C382/88	The total dismantlement of the Niederaichbach nuclear power plant U Löschhorn	21
C383/88	The Japan power demonstration reactor decommissioning programme M Tanaka, S Yanagihara, M Ishikawa and M Kawasaki	25
C384/88	The dismantling of active plant at the Petten high flux reactor J A Collis-Smith, M R Cundy and R J Swanenburg de Veye	33
C385/88	Decommissioning programme experience by the United States Department of Energy's surplus facilities management programme W E Murphie	43
C386/88	Decommissioning of a 5 MW research reactor R G Struss	51
C387/88	Windscale advanced gas-cooled reactor core restraint band removal G Thompson, K Lee and H Crossley	55
C388/88	Reactor decommissioning experience and perspectives A Crégut	63
C389/88	Decommissioning of a mixed oxide fuel fabrication facility S Buck and A P Colquhoun	67
C390/88	Decommissioning project of the former Eurochemic reprocessing plant at Dessel, Belgium J Claes, L Geens and H Meyers	77
C391/88	Planning and operational experience of decommissioning transuranic contaminated facilities at Atomic Weapons Establishment Aldermaston S A Flook and H Downs	. 87
C392/88	Decommissioning in a mixed oxide fuel fabrication plant J Draulans	95
C393/88	Nuclear decommissioning – practical experience of the private sector  A W Brant	103
C394/88	Development of reagents for the decontamination of stainless steel plant scrap by bulk dissolution DA White	111
C395/88	The application of decontamination to decommissioning contracts  M J Grave	117

C396/88	An example of power reactor cooling circuit decontamination <i>M Montjoie</i> , <i>J R Costes and F Josso</i>	127
C397/88	Decontamination of Magnox boilers  D Bradbury, C Kirby, M G Segal and W J Williams	131
C398/88	Decontamination and decommissioning of a fuel reprocessing pilot plant WF Heine and DR Speer	139
C399/88	Decontamination of systems and components for decommissioning H Wille and H-O Bertholdt	145
C400/88	Chemical decontamination for decommissioning MJ Peach and R L Skelton	151
C401/88	The development of a packaging and disposal system for the Windscale advanced gas-cooled reactor R A Beddows and J R Wakefield	159
C402/88	French processes for waste embedding – the use of epoxy resin for waste containment X Augustin, J C Gauthey, P Lourme and T Sala	167
C403/88	The packaging and transport of large items of intermediate and low-level decommissioning waste D Bennett and G Holt	175
C404/88	Packaging and transport of decommissioning waste CJ Milloy, J C Miles and M S T Price	185
C405/88	Experimental study for development of thermic lance cutting method N Machida, Y Katano and Y Kamiya	193
C406/88	The development programme for the decommissioning of the Windscale advanced gas-cooled reactor E H Perrott and J R Wakefield	201
C407/88	A new manipulator under development in France G Clement, J L Rouyer and A Crégut	209
C408/88	Remote cutting systems for dismantlement of steel structures in the Japan power demonstration reactor S Yanagihara, H Gohda, F Hiraga and M Yokota	215
C409/88	Remote cutting systems for dismantlement of the Japan power demonstration reactor concrete biological shield H Nakamura, T Narazaki, H Yasoshima and T Konno	223
C410/88	Engineering design of the Windscale advanced gas-cooled reactor decommissioning machine and robotic manipulator D J Ashcroft, N W Collins, E H Perrott and P K J Smith	229
C411/88	Decommissioning of major radioactive facilities J H Large	241
C412/88	The Windscale piles  J M Jones	247