

Appendix A

Independent Expert Group on Mobile Phones

Following widespread consultation with interested parties, the Expert Group on Mobile Phones was set up under the Chairmanship of Sir William Stewart FRS, FRSE. Members of the Expert Group were chosen to encompass expert knowledge in epidemiology and experimental biology related to exposures to electromagnetic fields and radiofrequencies, and also knowledge of social science, risk perception and legal issues. There are members with medical and scientific skills in oncology, physics, statistics and neurophysiology. One member is from the World Health Organization (WHO) and there are two members from the Advisory Group on Non-ionising Radiation (AGNIR) of the National Radiological Protection Board (NRPB). There are two members with lay interests.

In addition to full Expert Group members there were observers from the Board of NRPB, from the Department of Health (DH) and from the Department of Trade and Industry (DTI). NRPB staff provided the secretariat and administrative support for the work of the Group.

Brief resumes for Members of the Expert Group are given below.

Chairman

Professor Sir William Stewart FRS, FRSE

Sir William Stewart is President of the Royal Society of Edinburgh and Chairman of the Microbiological Research Authority. He served as Chief Scientific Adviser to the Prime Minister and to the Government (1990–1995). He is a biologist by training. He is Chairman of Tayside University Hospitals NHS Trust. He was the first Head of the UK Government's Office of Science and Technology and has served on various advisory committees including the Royal Commission on Environmental Pollution and the Natural Environment Research Council. He was Chief Executive of the Agricultural and Food Research Council and a former Vice-president of the Royal Society of London.

Vice-chairman

Professor L J Challis OBE

Lawrence Challis is Emeritus Professor of Physics at the University of Nottingham. His university education and the first years of his academic career were at the University of Oxford (1951–59); he then moved to the University of Nottingham. He was appointed to an established chair in 1971, was Pro-Vice-Chancellor before his retirement in 1998 and is now a Leverhulme Emeritus Fellow. His current research interests are on the properties of low dimensional semiconductors. He has published 230 papers and, in 1994, was awarded the Holweck Medal and Prize for his research by the Institute of Physics/French Physical Society. In 1996 he was awarded the OBE for services to scientific research. He has chaired the Royal Society Grant Board for Mathematics and Physics, the Physics

Committee of the then Science and Engineering Research Council and the Solid State Division of the Institute of Physics. He is currently Honorary Editor of *Reports on Progress in Physics* and was until recently Chairman of the European Commission Evaluation Panel for Access to Research Infrastructures.

Members

Professor L W Barclay OBE, FREng

Professor Les Barclay was Deputy Director at the Radiocommunications Agency, responsible for research and radio technology. He is now a consultant in radio regulation, spectrum management and radio propagation, and is a visiting professor at the universities of Bradford, Lancaster and Surrey. He has been chairman of the study group on propagation within the International Telecommunication Union and chairman of the Scientific Committee on Telecommunications within the International Union of Radio Science. He is a Fellow of the Royal Academy of Engineering and is currently a member of the Electronics and Communications Divisional Board of the Institution of Electrical Engineers. He has been awarded the OBE and the Polar Medal.

Mrs M-N Barton MBE

Marie-Noëlle Barton is the National Manager of the Women Into Science and Engineering (WISE) campaign, run by the Engineering Council, the Engineering Marine Training Authority, and the Engineering Employers' Federation. She works with educationalists, employers, Government Departments, politicians and the media to spread the word about WISE. She also oversees the WISE in Northern Ireland, WISE in Scotland and WISE in Wales campaigns to cater for the specific needs of women in these countries. Previously she has worked as a careers adviser with local authorities, and was a language teacher between. She holds an Honorary Doctorate of Technology from Staffordshire University.

Professor C Blakemore FRS

Colin Blakemore studied medical sciences at the University of Cambridge and completed his PhD at the University of California, Berkeley, in 1968. He taught at the University of Cambridge for 11 years and in 1979 took up the Chair of Physiology at the University of Oxford. He is also Director of the Oxford Centre for Cognitive Neuroscience, and was President of the British Association for the Advancement of Science for 1997–98. He has worked as a Visiting Professor at the Massachusetts Institute of Technology, New York University, the University of California and the Salk Institute, and also in Japan, Switzerland, Italy, France, the Czech Republic and China. He holds the degree of DSc from the universities of Cambridge and Oxford, honorary doctorates from Aston and Salford Universities and an honorary fellowship from Cardiff University. He is a Fellow of the Royal Society, the Academy of Medical Sciences and the Institute of Biology, a member of the Academia Europaea and a Foreign Member of the Royal Netherlands Academy of Arts and Sciences. His research has been concerned with many aspects of vision and the early development of the brain. His awards include the 1996 international Alcon Prize for vision research and the 1989 Royal Society Michael Faraday Award for the furtherance of the public understanding of science. He is a member of the NRPB Advisory Group on Non-ionising Radiation.

Professor D N M Coggon

David Coggon studied mathematics and medicine at the universities of Cambridge and Oxford. He is currently Professor of Occupational and Environmental Medicine at Southampton University where he works in the Medical Research Council Environmental Epidemiology Unit. He has been engaged in epidemiological research for more than 20 years, focussing mainly on occupational and

Appendix A

environmental causes of disease. Special interests include the relation of musculoskeletal disorders to physical activities in the workplace, and the health effects of chemical pollutants. He is also a consultant occupational physician and carries out clinical work for Southampton University Hospitals Trust. He is a Fellow of the Academy of Medical Sciences, Chairman of the Advisory Committee on Pesticides, and a member of the Expert Panel on Air Quality Standards and the Industrial Injuries Advisory Council.

Professor Sir David Cox FRS

Sir David Cox was educated at St John's College, Cambridge (MA), and the University of Leeds (PhD). After working in industry, he held academic posts at the University of Cambridge and Birkbeck College, University of London. In 1966 he became Professor of Statistics, and in 1970 Head of the Mathematics Department, at the Imperial College of Science and Technology, University of London. He is a former Warden (1988–94) and an honorary Fellow of Nuffield College, Oxford. He is a Fellow and former Member of Council of the Royal Society and was President of the International Statistical Institute from 1995 to 1997. He has been President of the Royal Statistical Society. He holds a number of awards, including honorary Fellowships at St John's College, Cambridge, and the British Academy, the Guy Medal (in Silver and in Gold) from the Royal Statistical Society, and the degree of DSc from a number of universities. He has also been awarded the Weldon Memorial Prize, University of Oxford, and the Kettering Prize and Gold Medal for Cancer Research. He is a Foreign Honorary Member of the US. National Academy of Sciences. He was editor of *Biometrika* from 1966 to 1991.

Mr J Fellows

John Fellows is a graduate of the University of Edinburgh (MA, politics) and a winner of the Sir William Darling Memorial Prize (1997) for an outstanding contribution to the reputation for the university through project work in local schools. He was President of Edinburgh University Students' Association for 1998–99: his activities included lobbying the Scottish Parliament to set up an inquiry into student finance and campaigning against the Bank of Scotland business partnership with Pat Robertson Financial Services in the USA; other areas of interest included the promotion of widening access to university, and the adoption of ethical investment policies within the University. He is currently a co-ordinator for the Lothian Equal Access Programme for Schools, a project to widen access to higher education, based at the Heriot-Watt and Napier Universities in Edinburgh.

Dr M Repacholi FACPSEM, FARPS

Michael Repacholi is a graduate of the University of Western Australia (BSc, physics), London University (MSc, radiation biology) and Ottawa University (PhD, biology). He is the author or co-author of over 150 scientific publications. He is at present the Coordinator, Occupational and Environmental Health, at the World Health Organization (WHO) in Geneva, and has participated in ten WHO non-ionising radiation task groups. He is an Emeritus Chairman of the International Commission on Non-Ionizing Radiation Protection, Fellow and Past President of the Australian Radiation Protection Society and of the Australasian College of Physical Scientists and Engineers in Medicine. He is also a Fellow of the Australian Institute of Physics and a member of the Health Physics Society and of the Bioelectromagnetics Society.

Professor M Rugg FRSE

Michael Rugg obtained his PhD in 1979. Following a postdoctoral year at the University of York, he was appointed to a lectureship in psychology at the University of St Andrews, where he became Professor of Psychology and Head of School in 1992. In 1998 he moved to the Institute of Cognitive Neuroscience, University College London, as Professor of Cognitive Neuroscience and Wellcome Trust Principal Research Fellow. His principal research interests are the cognitive and neurological

bases of human memory, and the non-invasive investigation of human brain function through the use of electroencephalography and functional neuroimaging. During 1998 and 1999 he served on the Department of Health Working Group on Organophosphates.

Professor A J Swerdlow

Anthony Swerdlow was educated in medicine at the universities of Cambridge and Oxford. After junior posts in clinical medicine, epidemiology and public health in the Oxford region and London, he worked in epidemiology at the University of Glasgow and at the Office of Population Censuses and Surveys before moving to the London School of Hygiene and Tropical Medicine in 1987. He is currently Professor of Epidemiology at the School. His research is in chronic disease epidemiology, mainly on cancer but also on other diseases including type 1 diabetes and CJD. His research interests have for many years included non-ionising radiation and he is currently a member of the NRPB Advisory Group on Non-ionising Radiation and of the Epidemiology Standing Committee of the International Commission on Non-Ionizing Radiation Protection.

Mr T R K Varma FRCS (Ed)

T R K Varma graduated in medicine (MB;BS) from the University of Bangalore, India, and is a Fellow of the Royal College of Surgeons of Edinburgh. He is currently Consultant Neurosurgeon at the Walton Centre for Neurology and Neurosurgery, Liverpool, and Honorary Clinical Lecturer at the University of Liverpool. He previously held the post of Consultant Neurosurgeon and Honorary Senior Lecturer at Ninewells Hospital and Medical School, Dundee. He is a member of the Council of the Society of British Neurological Surgeons (SBNS) and of the Clinical Standards Committee of SBNS. His special expertise is in the field of stereotactic and functional neurosurgery, including the use of chronic electrical stimulation of the brain in the treatment of movement disorders.

Observers

Professor A D Baddeley FRS (*Member of the National Radiological Protection Board*)

Dr H Walker (*Department of Health*)

Mr G Worsley (*Department of Trade and Industry*)

Secretariat

Dr J W Stather (*National Radiological Protection Board*)

Dr N A Cridland (*National Radiological Protection Board*)

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