

Catalogue of the papers and correspondence of

**Brian Hilton Flowers FRS,
Baron Flowers of Queen's Gate in the
City of Westminster**

(b. 1924)

VOLUME II

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by Adrian Nardone and Alan Hayward
NCUACS catalogue no. 76/5/98

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F.1 ADVISORY COUNCIL ON SCIENCE AND TECHNOLOGY 1987

Flowers was Chairman of a Working Party, originally set up by the Advisory Council on Applied Research and Development (ACARD) to examine the industrial implications of the future UK nuclear programme. This work continued after ACARD was reconstituted as the Advisory Council on Science and Technology (ACOST) in August 1987.

F.1 51pp typescript ACOST report, 'The industrial impact of Sizewell 'B'', 21 December 1987.

F.2-F.28 CATCHING UP WITH EUROPEAN HIGHER EDUCATION 1991-1995
FUND and HUNGARIAN ACCREDITATION COMMITTEE

F.2-F.19 'Hungarian Correspondence'

F.20-F.22 Meetings

F.23-F.28 Background material

Flowers was Honorary President of the Advisory Board of the Catching Up with European Higher Education Fund (CEF), 1991-1993. In 1993 the CEF was reformed and he served as a member of the Board of Trustees until the following year. The CEF's purpose was 'to award supplementary grants to enable selected university activities in Hungary to develop in modern directions' (Lord Flowers, private communication, 1 May 1998).

Flowers served on the Advisory Board of the Hungarian Accreditation Committee (HAC), 1993-1994. HAC's primary purpose was to oversee the establishment and accreditation of Ph.D. programmes at Hungarian universities.

The correspondence about Flowers's association with these two separate organisations was kept together because of the common link to Hungarian higher education.

F.2-F.19 'Hungarian Correspondence' 1991-1995

Correspondence relating to Flowers's involvement with both the Catching Up with European Higher Education Fund and the Hungarian Accreditation Committee was kept together in a file inscribed 'Hungarian Correspondence'. This correspondence has been divided into eighteen folders for ease of reference.

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- F.2 1991 July-August.
- Includes correspondence *re* acceptance of the honorary presidency of the CEF Advisory Board; correspondence and itinerary *re* arrangements for Lord and Lady Flowers to visit Hungary, 29 August-5 September 1991; newspaper cutting (in Hungarian) mentioning Flowers, 31 August 1991.
- F.3 1991 September-October.
- Includes correspondence *re* arrangements for Flowers's attendance at meeting of CEF Curatorium, Budapest, Hungary, 21-22 October 1991; correspondence *re* applications for CEF funding.
- F.4 1991 November.
- F.5 1992 January.
- Includes correspondence *re* the handling of the CEF's affairs and the drafting of a 'Call for Applications'; correspondence *re* arrangements for Lord and Lady Flowers to visit Hungary, June 1992.
- The purpose of the visit to Hungary was to attend an Academia Europaea conference, a CEF Curatorium meeting (both held in Budapest) and to visit a number of higher education institutions.
- F.6 1992 February-March.
- Correspondence *re* arrangements to visit Hungary, June 1992 and *re* CEF business.
- F.7 1992 April-May.
- Includes correspondence *re* the World Bank's support for the CEF programme and for a proposed public health programme in Hungary; correspondence *re* arrangements to visit Hungary, June 1992.
- F.8 1992 June.

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- F.9 1992 July.
- 2pp typescript letter from Flowers to J. Maddox *re* inaccuracies in a *Nature* article 'Hungarian science confronts its past', with copies of related material.
- F.10 1992 August-September.
- F.11 1992 October.
- Includes correspondence *re* CEF board meeting, 28 October 1992.
- Flowers was unable to attend the meeting but sent a 3pp fax message for distribution to members of the Advisory Board.
- F.12 1992 November-December.
- Includes invitation for Flowers to serve on a committee charged with the preparation of guidelines for the selection and evaluation of CEF projects (accepted); correspondence *re* the CEF's assessment procedures.
- F.13 1993 January.
- Includes invitation for Flowers to become a member of the Advisory Board of the Hungarian Accreditation Committee (accepted); correspondence *re* arrangements to visit Hungary for the CEF Curatorium meeting, 27 January 1993 (see also F.20, F.21) and *re* the CEF's assessment procedures.
- F.14 1993 February-March.
- Includes correspondence *re* meeting of the Hungarian Accreditation Committee and Advisory Board, 1-2 March 1993; 4pp typescript version of a paper, 'PhD study in Britain', given by Flowers at the meeting.
- F.15 1993 March.
- Correspondence between Flowers and J.A. Birch, British Ambassador to Hungary *re* the possible conferring of an honour.

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- F.16 1993 April-August.
- Includes correspondence *re* the establishment of the CEF in Hungarian law; invitation for Flowers to accept membership of the CEF's Board of Trustees (accepted).
- F.17 1993 December-1994 March.
- Includes correspondence etc *re* first Plenary Meeting of HAC's Advisory Board, 28 February 1994 (Flowers attended); invitation for Flowers to accept membership of the Committee's Advisory Board (accepted).
- F.18 1994 June-September.
- Includes papers *re* meeting of CEF Board, 2 July 1994 (Flowers was unable to attend); letter of resignation by Flowers from CEF Board, 7 August 1994.
- F.19 1994 December-1995 January.
- Includes letter of resignation by Flowers from HAC Advisory Board, 11 December 1994.
- F.20-F.22 Meetings 1993-1994**
- F.20, F.21 Papers *re* meeting of the CEF Curatorium, 27 January 1993 (some annotations).
- 2 folders.
- F.22 Typescript extract minutes of the CEF board session, 26 February 1994.
- F.23-F.28 Background material 1991-1992, n.d.**
- F.23-F.28 Background material on higher education in Hungary etc.
- 6 folders

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F.29 CERN (EUROPEAN ORGANISATION FOR NUCLEAR RESEARCH) 1960-1963

F.29 Three CERN press releases, 1960; brief correspondence *re* circulation of the Report of the Amaldi Working Party, 1963.

F.30 COMMISSION ON ENERGY AND THE ENVIRONMENT 1981

The Commission on Energy and the Environment was appointed in March 1978 by the Secretaries of State for Energy, the Environment, Scotland and Wales. Flowers served as Chairman of the Commission, 1978-1981.

In its 1981 report, *Coal and the Environment*, the Commission stated:

'Our major effort has been concentrated on a study of the longer term environmental implications of coal production, supply and use in the United Kingdom looking to the period around and beyond the end of the century, including likely new technologies and conversion to other fuels and raw materials'.

F.30 *Coal and the Environment*, HMSO, 1981.

F.31-F.67 COMMITTEE OF ENQUIRY INTO THE ORGANISATION OF THE ACADEMIC YEAR 1991-1994

F.31-F.47 Correspondence

F.48-F.50 Reports

F.51-F.67 Background material

The Committee of Enquiry into the Organisation of the Academic Year was established in September 1992. The review of the academic year was jointly commissioned by the Committee of Vice-Chancellors and Principals (CVCP), the Standing Conference of Principals (SCOP), the Higher Education Funding Councils for England (HEFCE) and Wales (HEFCW) and the Department of Education for Northern Ireland.

Flowers served as Chairman of the Committee of Enquiry, 1992-1993.

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F.31-F.47	Correspondence	1992-1994
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The correspondence was kept in a folder inscribed 'Funding Council Correspondence' and has been divided into seventeen folders for ease of reference.

F.31	1992 July.	Includes correspondence (annotated) <i>re</i> the organisation of the review of the academic year, with draft terms of reference.
F.32	1992 11 August-9 September.	Includes correspondence <i>re</i> experiences of methods of structuring the academic year; draft and final press releases <i>re</i> the enquiry into the organisation of the academic year.
F.33	1992 10-23 September.	
F.34	1992 23-25 September.	Includes correspondence resulting from the press release announcing the enquiry into the academic year; 5pp typescript draft paper (annotated by Flowers) setting out issues to be addressed by the Committee of Enquiry.
F.35	1992 25-29 September.	
F.36	1992 October.	
F.37	1992 November.	
F.38	1992 December.	Includes correspondence <i>re</i> the future organisation of the academic year at the University of London.

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- F.39 1993 January-March.
- Includes typescript minutes of meeting of the Committee of Enquiry, 11 December 1992, with 2pp typescript paper 'Models for the re-organisation of the academic year' attached.
- F.40 1993 7-24 April.
- Includes correspondence *re* Flowers's presentation to English Vice-Chancellors and Principals at the HEFCE Annual Conference, Birmingham, 6 April 1993 and the Committee of Enquiry's interim report.
- F.41 1993 22-30 April.
- Includes correspondence and copies of newspaper cuttings *re* Flowers's presentation at the HEFCE Annual Conference, Birmingham, 6 April 1993.
- F.42 1993 May-June.
- F.43 1993 August.
- Includes correspondence *re* models for the structure of the academic year.
- F.44 1993 September-October.
- Includes correspondence *re* the Committee of Enquiry's recommendations for the future of accelerated degrees; 3pp typescript draft brief for Baroness Blatch, Minister of State, Department of Education, on the Committee's work for a meeting on 18 October 1993 (see also F.49).
- F.45 1993 November.
- Correspondence, copies of newspaper articles etc *re* the Committee of Enquiry's final report.
- F.46 1993 December.
- F.47 1994 January-April.

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F.48-F.50	Reports	1993
F.48	<i>Review of the Academic Year: Interim Report for Consultation</i> , April 1993. This report was produced by the Committee of Enquiry.	
F.49	'Report for Baroness Blatch and Mr Boswell. 18 October 1993', 3pp typescript, October 1993. See F.44 for an almost identical version of this document.	
F.50	<i>The Review of the Academic Year</i> , HEFCE, November 1993. Includes intercalated press release <i>re</i> the launch of the report on 1 December 1993. This is the final report of the Committee of Enquiry.	
F.51-F.67	Background material	1991-1993
F.51-F.67	Background material. 17 folders.	
F.68-F.179	COMPUTER BOARD FOR UNIVERSITIES AND RESEARCH COUNCILS	1966-1967
F.68-F.117	Main correspondence	
F.118-F.120	General correspondence	
F.121-F.140	Subject files	
F.141-F.171	Meetings	
F.172-F.178	'Booklets and brochures'	
F.179	Circulation list	

Flowers served as Chairman of the Computer Board for Universities and Research Councils, 1966-1970 and its Large Machine Working Party set up in 1967.

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The Computer Board was established in 1966 as a result of the recommendations by the Working Group on Computers for Research (of which Flowers was Chairman), set up by the University Grants Committee and the Council for Scientific Policy.

See F.172 for a copy of the Report of the Working Group on Computers and F.652-F.661 for material relating to the University Grant Committee's Interim Computer Panel, which operated between the publication of the report and the establishment of the Computer Board.

F.68-F.117	Main correspondence	1966-1967
	The main correspondence sequence includes correspondence relating to applications to the Board together with copies of applications by universities, proposals by computer companies, papers for meetings and reports of meetings	
F.68	1966 March-June.	
	Includes correspondence <i>re</i> the recruitment of Americans to fill vacancies in British computing laboratories; correspondence <i>re</i> University of Edinburgh building proposals; invitation for Flowers to take on chairmanship of the Computer Board (accepted).	
F.69	1966 4-19 July.	
	Includes correspondence <i>re</i> membership of the Computer Board.	
F.70, F.71	1966 20-21 July.	
	Papers <i>re</i> Flowers's visit to University of Edinburgh, 25 July 1966.	
	2 folders.	
F.72	1966 19 July-8 August.	
	Includes correspondence <i>re</i> membership of the Computer Board; copies of the Computer Board's constitution and the proposed financial arrangements covering its operations; correspondence <i>re</i> computing facilities at the University of London.	

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- F.73 1966 2-17 August.
- Includes 2pp typescript report by A.V. Cohen of meeting with Ministry of Technology employees on 2 August 1966 entitled 'Implementation of the Flowers Report. Likely availability of largest computers'; brief correspondence *re* the University of London's computing requirements; minutes of Edinburgh Regional Computing Centre Policy Committee meeting, 25 July 1966 (Flowers attended as an observer).
- F.74 1966 6-19 August.
- Typescript proposal by the Universities of Newcastle and Durham for a joint computer system, with related correspondence.
- F.75 1966 17-31 August.
- Includes 'A regional configuration', 15pp typescript paper by J.G. Laski, with related correspondence.
- F.76 1966 22 August-5 September.
- Includes correspondence *re* plans for computer facilities in Manchester.
- F.77 1966 31 August-1 September.
- Typescript proposal by the College of Aeronautics, Cranfield for a new digital computer, with related correspondence.
- F.78 1966 5-14 September.
- Correspondence arising from the first meeting of the Computer Board, 2 September 1966, including correspondence *re* the University of London computer situation.
- F.79 1966 15-26 September.
- Includes correspondence *re* arrangements for a meeting of representatives of the Computer Board and the University of London, 6 October 1966; correspondence *re* the proposal by the College of Aeronautics, Cranfield for a new digital computer; letter to Flowers *re* J.G. Laski's paper 'A regional configuration', with 2pp typescript notes attached.

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- F.80 1966 21-30 September.
- Typescript application by Queen Mary College, London for a general purpose College computer, with related correspondence
- F.81 1966 23 September.
- 'Computer education'. Typescript copy of an interdepartmental working group report so entitled, sent to Flowers with covering letter.
- F.82 1966 23-30 September.
- F.83 30 September, n.d.
- Papers *re* meeting between representatives of the Computer Board and the University of London, 6 October 1966.
- F.84 1966 3-11 October.
- Includes invitation (declined) for Flowers to become a founder member of a proposed Institution of Computer Sciences and Cybernetics; 2pp typescript proposal by the Medical Research Council to order a computer for work on molecular structure at Oxford, with covering letter.
- F.85 1966 11-17 October.
- Papers *re* the meeting between representatives of the Computer Board and the University of London, 6 October 1966.
- F.86 1966 14-17 October.
- Correspondence *re* the application to the Computer Board by Queen Mary College, London.
- F.87 1966 18 October-2 November.
- Includes correspondence *re* Computer Board's decision on the University of London's computer requirements.

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- F.88 1966 1-8 November.
- Includes papers *re* a Parliamentary Question put down by P. Horden MP for oral answer on 10 November 1966.
- F.89 1966 15-24 November.
- Includes brief correspondence *re* issue of charging universities for computer time; typescript application by University of Bradford for computer equipment.
- F.90 1966 24 November-2 December.
- Includes correspondence *re* the computing needs of universities in the south-west and *re* the cost of operating regional computer centres.
- F.91 1966 5-12 December, n.d.
- Papers *re* a Parliamentary Question put down by J. Ellis MP for oral answer on 10 November 1966.
- F.92 1966 6-23 December.
- Includes correspondence *re* Edinburgh Regional Computer Centre and *re* computer systems at the Universities of Bradford, Essex and Lancaster.
- F.93 1966 22-30 December.
- F.94 1967 4-27 January.
- F.95 1967 16-27 January.
- Includes correspondence *re* financial resources available to improve computer facilities at the University of London and correspondence *re* the Edinburgh Regional Computer Centre.
- F.96 1967 23-24 January.
- 'Computing requirements of the hospital and medical school'. Report, by D.E. Clarke, University of Manchester, with related letter.

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- F.97 1967 25 January-8 February.

Includes 2pp typescript proposal to upgrade computer at University College, London.
- F.98 1967 30 January.

'1908 Technical Report for University of London'. 36pp typescript with card cover by International Computers and Tabulators Ltd (ICT).
- F.99 1967 3-13 February.

Includes correspondence *re* funds for a large machine in London.
- F.100 1967 14-21 February, n.d.

Includes papers *re* first meeting of the Large Machine Working Party, 28 February 1967.
- F.101 1967 20 February.

'Computer Policy. Note of third meeting held in Joint Parliamentary Secretary (Dr. Bray)'s office on 16 February 1967'. 4pp typescript so entitled.

Flowers attended part of this meeting.
- F.102 1967 3-9 March.

Includes correspondence *re* arrangements for meeting of representatives of the University of London and the Computer Board, 10 March 1967; typescript draft minutes of first meeting of the Large Machine Working Party with related correspondence.
- F.103 1967 17-31 March.

Includes correspondence *re* the ICT 1908 computer system.
- F.104 1967 *ca* March.

Papers *re* second meeting of the Large Machine Working Party, 31 March 1967.

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- F.105 1967 31 March-10 April, n.d.
- Includes correspondence *re* the London Regional Centre; 'The design of the 1908 Computer', 4pp typescript by D.W. Davies with related correspondence and diagrams; 2pp typescript copy of application for computer equipment by the University of Sussex.
- F.106 1967 11-14 April, n.d.
- Includes typescript draft minutes of second meeting of the Large Machine Working Party; manuscript notes by L.F. Rutterford *re* the 1908 computer system etc; papers *re* application by University of London for a CDC 6600 computer.
- F.107 1967 17-24 April.
- Includes correspondence *re* proposal to install a CDC 6600 computer at the University of London and the related building problem.
- F.108 1967 25 April-16 May.
- Includes correspondence *re* computing at the University of Birmingham.
- F.109 1967 2-3 May.
- Papers *re* meeting of representatives of the Computer Board and English Electric-Leo-Marconi Computers Ltd (EELM), 8 May 1967.
- Includes copy of EELM 'Extracts', summarising the Company's proposals for computing facilities for the South West Region.
- F.110 1967 2-13 May.
- Includes papers *re* the costs of installing a CDC 6600 at the University of London.
- F.111 1967 15 May-5 June.
- Includes correspondence *re* the CDC 6600 proposal by the University of London; correspondence *re* the design of the ICT 1908 computer system.

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- F.112 1967 *ca* June.

Papers sent by D.W. Davies *re* a national data communication network.
- F.113 1967 2-8 June.

Includes correspondence *re* provision of a CDC 6600 for the University of London.
- F.114 1967 16 June.

Papers *re* a possible multi-access computer for Imperial College, London.
- F.115 1967 20-29 June.

Includes correspondence *re* proposal for University of London to rent a CDC 6600 and *re* tentative proposals for Imperial College, London to acquire a new computer.
- F.116 1967 4-6 July.
- F.117 1967 7-26 July.

Includes correspondence *re* proposal for University of London to rent a CDC 6600.
- F.118-F.120 **General correspondence** 1966-1967

Material found in two files marked 'General'.
- F.118 'General'. Contents of file so inscribed, November 1966.

Includes brief correspondence *re* applications to the Computer Board; letter to the Computer Board from A. Kirk *re* deficiencies in KDF9 software.
- F.119, F.120 'General'. Contents of file so inscribed, divided into two folders for ease of reference, January-May 1967.

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- F.119 1967 January-February.
- Includes invitation for Flowers to address a Manchester Business School course, July 1967 (declined).
- F.120 1967 March, May.
- Includes correspondence *re* Elliott-Automation Computers Ltd and *re* large computers.
- F.121-F.140 **Subject files** **1966-1967**
- Material kept in these subject files includes correspondence, papers for Computer Board meetings, reports, manuscript notes etc. Inscriptions on the files have been reproduced in the entries below.
- F.135-F.140 were found in numbered files. These numbers relate to the agenda items for the third meeting of the Computer Board, 18 November 1966.
- F.121-F.123 'Computer Board - Edinburgh University', September-October 1966, February 1967.
- Correspondence and papers *re* Edinburgh Regional Computer Centre.
- 3 folders.
- F.124 'Computer Board - Manchester University', September 1966.
- Papers *re* proposed Manchester Regional Computer Centre.
- F.125-F.128 'Computer Board - Software. KDF9', September-November 1966, May 1967.
- Papers *re* KDF9 Software Project etc.
- 4 folders.
- F.129 'Senior Principal Scientific Officer Interviews. Friday 21st Oct. 1966'.
- Papers (annotated) *re* interviews on 29 September and 21 October 1966.

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- F.130 'Computer Board - Data Transmission', October 1966.
- Paper *re* the General Post Office's transmission facilities with related correspondence.
- F.131 'International Comp. Centre', October-November 1966.
- Correspondence *re* arrangements for S.R. Thakore of the Physical Research Laboratory, Ahmedabad, India to visit computer facilities in England.
- F.132 'Computer Board - Newcastle and Durham', October 1966, n.d.
- Paper for meeting of Computer Board, 14 October 1966, *re* proposal to buy a new computer for the universities of Newcastle and Durham etc.
- F.133 'Computer Board - NERC' (Natural Environment Research Council), October 1966.
- Paper (annotated) for meeting of Computer Board, 14 October 1966, *re* NERC proposal to purchase computers and data systems.
- F.134 'Computer Board - Bristol', October 1966.
- Paper (annotated) for meeting of Computer Board, 14 October 1966 *re* University of Bristol's computer requirements etc.
- F.135 'Computer Board -13 - Bristol, Bath and Exeter Universities', October 1966.
- Submission (annotated) for the provision of a new computer at Bath.
- F.136 'Computer Board - 15 - Cardiff University Financial Submission', October-November 1966.
- Papers *re* application for a supplementary grant for University College, Cardiff.
- F.137 'Computer Board - 17 - Oxford (Phys.Chem.Lab) Computer Proposal', October 1966.
- Application for a small computer for the Physical Chemistry Laboratory, University of Oxford, with covering letter.

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| F.138 | <p>'Computer Board - 19 - College of Aeronautics - Cranfield', November 1966.</p> <p>Paper for meeting of Computer Board, 18 November 1966, <i>re</i> application for a computer by the College of Aeronautics, Cranfield etc.</p> |
| F.139 | <p>'Computer Board - 20 - Creation by French Govt. new post for Delegate General for ADP [Automatic data Processing]', November 1966.</p> <p>Paper (annotated) for meeting of Computer Board, 18 November 1966, with related correspondence.</p> |
| F.140 | <p>'Computer Board - 21 - Any Other Business', November 1966.</p> <p>Includes paper (annotated) for meeting of Computer Board, 18 November 1966, <i>re</i> the Universities 4100 Group.</p> |
| F.141-F.171 | <p>Meetings 1966-1967</p> <p>The following sequence of material was found together in a file labelled 'Computer Board. Papers for mtgs.' and has been divided into 31 folders for ease of reference.</p> <p>The papers have been arranged by meeting, in chronological order. The material includes papers for meetings, reports of meetings etc.</p> <p>Papers relating to meetings can also be found within the subject files and the main correspondence.</p> |
| F.141 | <p>First meeting of the Computer Board, London, 2 September 1966.</p> <p>Agenda and papers for meeting.</p> |
| F.142 | <p>Second meeting of the Computer Board, London, 14 October 1966.</p> <p>Agenda and papers for meeting.</p> |
| F.143 | <p>Third meeting of the Computer Board, London, 18 November 1966.</p> <p>Agenda and papers for meeting.</p> <p>See also F.135-F.140</p> |

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- F.144 Meeting of representatives of the Computer Board and representatives of the University of Manchester, University of Manchester Institute of Science and Technology and other university institutions in the Manchester area, University of Manchester, 2 December 1966.

Manuscript agenda (in Flowers's hand); typescript minutes of meeting.
- F.145 Meeting between J.K. Steward (a member of the Computer Board) and IBM representatives, USA, 6 December 1966.

Typescript report, 5 January 1967.
- F.146 Meeting on the KDF9 Software Project between representatives of the Computer Board and English Electric-Leo-Marconi Computers Ltd (EELM), London, 8 December 1966.

Typescript notes and proposed agenda for the meeting by K.W. Morton, 1 December; formal agenda, 5 December.
- F.147-F.150 Fourth meeting of the Computer Board, London, 13 January 1967.

Agenda and papers for meeting.

4 folders.
- F.151 Meeting between Computer Board members and representatives of the University of London, 2 February 1967.
- F.152, F.153 Fifth meeting of the Computer Board, London, 10 February 1967.

Agenda and papers for meeting.

2 folders.
- F.154 Meeting between the Computer Board and representatives from International Computers and Tabulators Ltd (ICT), London, 1 March 1967.

Agenda and typescript notes for meeting.

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- F.155 Meeting between the Computer Board and representatives from English Electric-Leo Marconi Computers Ltd (EELM), London, 1 March 1967.
Agenda and typescript notes for meeting.
- F.156 Meeting between the Computer Board and representatives from Elliott-Automation Ltd, London, 2 March 1967.
Agenda and typescript notes etc for meeting.
- F.157 Meeting between the Computer Board and representatives from International Business Machines Ltd (IBM), London, 2 March 1967.
Agendas and typescript notes for meeting.
- F.158 Sixth meeting of the Computer Board, London, 10 March 1967.
Agenda and papers for meeting.
- F.159, F.160 Seventh meeting of the Computer Board, London, 14 April 1967.
Agenda and papers for meeting.
2 folders.
- F.161-F.163 Eighth meeting of the Computer Board, London, 12 May 1967.
Papers for meeting (agenda missing).
3 folders.
- F.164 Ninth meeting of the Computer Board, Schuster Laboratory, University of Manchester, 16 June 1967.
Agenda and papers for meeting, including submission by the University of Aston, Birmingham.
- F.165 Meeting between the Computer Board and representatives from the Univac Division Sperry Rand Ltd, London, 20 June 1967.
Agenda and typescript notes for the meeting etc.

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- F.166-F.169 Tenth meeting of the Computer Board, London, 11 July 1967.
Agenda and papers for meeting.
4 folders.
- F.170 Meeting between representatives of the Computer Board and of the universities and colleges of the South West, [12 July 1967].
Typescript notes for the meeting.
- F.171 Typescript financial forecast (found loose amongst the papers), ca 1967.
- F.172-F.178 'Booklets and brochures' 1966-1967**
- The following material was found together in a folder inscribed 'Booklets and Brochures'. It consists of published background material and proposals drawn up by computer manufacturers.
- F.172, F.173 Background material, 1966-1967.
- F.172 *A report of a Joint Working Group on Computers for Research*, HMSO, 1966.
Flowers was Chairman of the Working Group (also referred to as the Flowers Committee) which produced this report.
- F.173 Other background material (front pages only have been retained for most of these publications), 1966-1967.
- F.174-F.178 Proposals by computer manufacturers, 1966-1967.
- F.174 Elliott Automation Computers Ltd to the Department of Physical Chemistry, University of Oxford, September 1966.
- F.175 International Computers and Tabulators Ltd (ICT) to the Bath University of Technology, ca 1966.

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F.176-F.178 English Electric-Leo Marconi Computers Ltd (EELM) to the South West Universities, comprising the University of Bath, the University of Bristol, the University of Exeter, the University College of South Wales and Monmouthshire, Cardiff and the Welsh College of Advanced Technology, Cardiff, February 1967.

3 folders.

F.179 **Circulation list**

F.179 Circulation list for Computer Board papers, n.d.

F.180-F.184 **EUROPEAN SCIENCE FOUNDATION** **1973-1978**

In September 1973 it was agreed in principle by representatives of academies and research councils of sixteen European countries to set up the European Science Foundation (ESF). Flowers played a leading role in the establishment of the ESF in November 1974 and served as its President from then until 1980.

The Foundation's inaugural meeting was held in Strasbourg, France, in November 1974. The aims of the Foundation included advancing co-operation in fundamental research, promoting exchanges of research workers, contributing to the free circulation of ideas and information and harmonising the activities of member bodies.

F.180-F.184 'ESF/2 Press Cuttings'. Contents of folder so inscribed, divided into five folders for ease of reference, 1973-1978.

The material consists of press cuttings, press releases, journal articles etc. (including some in French and German) *re* the ESF and related matters.

F.180 1973-1974.

Includes cuttings etc *re* the establishment of the ESF.

F.181 1975 January-June.

F.182 1975 October-November.

Societies and organisations

F.183 1976-1977.

F.184 1978.

F.185-F.191 HONG KONG UNIVERSITY OF SCIENCE AND TECHNOLOGY 1991-1993

Flowers served on the President's Advisory Board of the Hong Kong University of Science and Technology (HKUST), 1991-1993.

F.185 1991 January-February.

Includes invitation to serve on the President's Advisory Board (accepted).

F.186 1991 March.

Includes correspondence *re* other possible appointments to the Advisory Board.

F.187 1991 July-October.

Correspondence *re* arrangements for the visit of Flowers to Hong Kong for the inaugural meeting of the President's Advisory Board and the University's opening ceremony, 8-13 October 1991.

F.188 1991 December-1992 January.

Includes draft outline report of the inaugural meeting of the President's Advisory Board, 8-9 October 1991.

F.189 1992 March.

Includes brief correspondence *re* HKUST matters; executive summaries for two papers on HKUST administration (annotated with Flowers's comments).

Societies and organisations

- F.190 1992 May-November.
- Correspondence *re* arrangements for Flowers to attend the second meeting of the President's Advisory Board, Hong Kong and visit Guilin, China, 24 November-4 December 1992.
- F.191 1992 November-1993 March.
- Includes brief correspondence *re* a proposed science park for Hong Kong; letter of thanks for Flowers's service to HKUST.
- F.192-F.271 **HOUSE OF LORDS** **1979-1996**
- Flowers was created a life peer in 1979 as Baron Flowers of Queen's Gate in the City of Westminster.
- See A.77-A.109 for material relating to the award of the peerage and section D for copies of Flowers's speeches in the House of Lords.
- F.192-F.215 General correspondence
- F.216-F.271 Select Committee for Science and Technology
- F.192-F.215 **General correspondence** **1979-1983**
- F.192 1979 February-April, n.d.
- F.193 1979 May.
- Includes informal invitation for Flowers to accept membership of the Sub Committee on Energy of the Select Committee on the European Communities.
- F.194, F.195 1979 July, September.
- Papers relating to Viscount Hanworth's motion on shortages of raw materials.
- 2 folders.

Societies and organisations

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| F.196 | 1979 December. |
| F.197 | 1980 January-February. |
| F.198 | 1980 May.

11pp typescript speech by Flowers (annotated), House of Lords, 1 May 1980, contributing to the debate on the Report of the European Communities Committee on energy objectives for 1990 and convergence of the policies of Member States, with related correspondence. |
| F.199 | 1980 June.

Papers <i>re</i> Lord Flowers's question in the House of Lords about academic salaries, 25 June 1980. |
| F.200 | 1980 July. |
| F.201 | 1980 November-December. |
| F.202 | 1981 January. |
| F.203 | 1981 March-May. |
| F.204 | 1981 June. |
| F.205 | 1981 October-December.

Includes correspondence etc <i>re</i> the costs of University education. |
| F.206 | 1982 January-February. |
| F.207 | 1982 March. |

Societies and organisations

- F.208 1982 April-May.
- Includes correspondence *re* the future of the Princes Risborough Laboratory of the Building Research Establishment; correspondence *re* the House of Lords debate on *Coal and the Environment*, the report by the Commission on Energy and the Environment (of which Flowers was Chairman).
- F.209 1982 June-July.
- F.210 1982 August-September.
- F.211 1982 October.
- F.212 1982 October-November.
- F.213 1982 November.
- Includes correspondence *re* Flowers's re-appointment as a Vice-President of the Institution of Environmental Health Officers.
- F.214 1982 November-1983 April.
- Correspondence and papers *re* the Abortion Act 1967 (Amendment) Bill.
- F.215 1982 December-1983 February.
- F.216-F.271 **Select Committee for Science and Technology** 1990-1996
- Flowers served as Chairman of the Select Committee for Science and Technology, 1989-1993.
- F.216-F.265 Correspondence
- F.266-F.271 Background material

Societies and organisations

F.216-F.265	Correspondence	1990-1996
F.216	1990 June, August.	
F.217	1990 5 September-4 October. Includes brief correspondence <i>re</i> a proposed national bioethics body.	
F.218	1990 27 September, 6 October. Correspondence <i>re</i> the corporate plan of the Natural History Museum, London.	
F.219	1990 1-31 October. Includes correspondence <i>re</i> the Natural History Museum.	
F.220	1990 November-December, n.d. Includes correspondence <i>re</i> the Natural History Museum and systematic biology.	
F.221	1991 2-8 January.	
F.222	1991 24 January-12 February. Includes correspondence <i>re</i> the possible closure of the Nuclear Structure Facility at Daresbury Laboratory, Daresbury, Warrington, Cheshire.	
F.223	1991 13 February-9 March. Includes correspondence <i>re</i> a paper by B. Denness on global climate change.	
F.224	1991 3-21 March. Includes letter by Flowers to the Editor of <i>The Times</i> <i>re</i> an article on the UK manufacturing industry, with correspondence resulting from the publication of the letter on 13 March.	

Societies and organisations

- F.225 1991 8-21 March.
- F.226 1991 20-28 March.
Includes copies of newspaper cuttings *re* the report by the House of Lords Select Committee on Science and Technology, *Science Budget 1991-1992*.
- F.227 1991 27 March-19 April.
Papers *re* an exchange between Sir Ian Lloyd MP and Peter Lilley MP, Secretary of State for Trade and Industry, on UK Government funded civil research and development.
- F.228 1991 2-15 April.
Includes correspondence *re* the report by the House of Lords Select Committee on Science and Technology, *Science Budget 1991-1992*.
- F.229 1991 12 April-11 May.
Includes correspondence *re* the privatisation of the British Technology Group.
- F.230 1991 8 May.
Typescript notes *re* membership of the Select Committee on Science and Technology.
- F.231 1991 13 May-7 June.
Includes correspondence *re* the closure of the Nuclear Structure Facility at Daresbury Laboratory, Daresbury, Warrington, Cheshire.
- F.232 1991 10 June-24 July.
Includes correspondence *re* topics to be considered by the Select Committee on Science and Technology; written answer by Baroness Blatch to a parliamentary question by Flowers *re* University Funding Council funding.

Societies and organisations

- F.233 1991 24 July-25 August.
Correspondence *re* the closure of the Nuclear Structure Facility at Daresbury Laboratory.
- F.234 1991 14 October-22 November.
- F.235 1991 6-30 November.
- F.236 1991 27 November-1992 7 January.
Includes correspondence *re* remarks by Kenneth Clarke MP, Secretary of State for Education and Science, about the Select Committee on Science and Technology's report in 1987 on *UK Space Policy*.
- F.237 1992 7-27 January.
Includes correspondence *re* a meeting with Kenneth Clarke MP concerning remarks by him about science, arranged by Sir Ian Lloyd MP for 12 February 1992 (Flowers unable to attend).
- F.238 1992 27 January-15 February.
- F.239 1992 12-25 February.
Includes correspondence *re* the report by the House of Lords Select Committee on Committee Work of the House; written answer by Baroness Denton of Wakefield to a parliamentary question by Flowers *re* the grant-in-aid to the Science and Engineering Research Council for 1992-1993.
- F.240 1992 21-29 February.
- F.241 1992 4 March.
Recommendation.
- F.242 1992 4-18 March.

Societies and organisations

- F.243 1992 26, 30 March.
- Correspondence *re* the use of the European Science Foundation by the Commission of the European Communities as an agent for supporting EEC programmes of basic research.
- F.244 1992 April.
- F.245 1992 May.
- F.246 1992 June.
- F.247 1992 July-September.
- Includes correspondence *re* the House of Lords debate, 9 July 1992, on systematic biology research in the UK; correspondence *re* the Select Committee on Science and Technology report *Innovation in Manufacturing Industry*.
- F.248 1992 October-November.
- Includes brief correspondence between Flowers and J. Major MP, Prime Minister *re* public expenditure on the science base.
- F.249 1992 December-1993 January.
- F.250 1993 3 February-12 March.
- F.251 1993 10 March-15 April.
- Includes correspondence *re* the future of the Science and Technology Section of the British Embassy, Washington DC, USA.
- F.252 1993 21 April-1 May.

Societies and organisations

- F.253 1993 14 May-9 June.
Correspondence between Flowers and William Waldegrave MP, Minister of Public Service and Science *re* research and development in forensic science and *re* the White Paper 'Realising our potential. A strategy for Science, Engineering and Technology'.
- F.254 1993 4 June-5 July.
- F.255 1993 2, 6 July.
- F.256 1993 13-22 July.
- F.257 1993 26 July.
Letter *re* future Select Committee matters.
- F.258 1993 September-October.
- F.259 1993 November-December.
Includes 6pp typescript background notes on medical research by S. Rodger for circulation to the Select Committee, with related correspondence.
- F.260 1994 January-February.
Includes correspondence *re* the Select Committee report *Priorities for the Science Base* and *re* Ph.D. training.
- F.261 1994 3, 17 February.
Recommendations.
- F.262 1994 March-April.

Societies and organisations

- F.263 1994 June-December.
Includes correspondence *re* report by the NHS Task Force on Supporting Research and Development in the NHS.
- F.264 1995.
- F.265 1996.
Includes correspondence *re* the need for a major study of the 'Precautionary Principle' and *re* the Select Committee report *Information Society: Agenda for Action in the UK*.
- F.266-F.271 Background material. 1991, n.d.
6 folders.
- F.272-F.294 **IMPERIAL COLLEGE OF SCIENCE AND TECHNOLOGY, LONDON** 1990-1997
Flowers was Rector of Imperial College of Science and Technology, 1973-1985.
Correspondence relating largely to various Imperial College matters and former colleagues of Flowers.
- F.272 1990 September-October.
- F.273 1991 March-April.
- F.274 1991 September-1992 April.
Includes correspondence *re* the sponsorship appeal for the 1992 Schrödinger Lecture at Imperial College (Flowers approached companies on the College's behalf); invitation (accepted) for Flowers to give the 1993 Schrödinger Lecture on science policy.

Societies and organisations

- F.275 1992 February-March.
Correspondence *re* the Rectorship of Imperial College.
- F.276 1992 May-July.
Correspondence *re* the Furse House Appeal etc.
Flowers was a member of the Appeal Committee.
- F.277 1992 August-September.
Includes brief correspondence *re* J. Sutton.
- F.278 1992 2-15 October.
Includes letter by Flowers, withdrawing from the 1993 Schrödinger Lecture.
- F.279 1992 23, 24 October.
Correspondence *re* the relationship of Imperial College to the University of London etc.
- F.280 1992 26 October-9 November.
- F.281 1992 27 November-22 December.
- F.282 1993 February-May.
- F.283 1993 June-November.
- F.284 1994 February-June.

Societies and organisations

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| F.285 | 1994 March-July.

Includes correspondence <i>re</i> Imperial College Centre for Environmental Technology. |
| F.286 | 1994 August-November. |
| F.287 | 1994 September. |
| F.288 | 1995 February-July. |
| F.289 | 1995 June. |
| F.290 | 1995 December-1996 February.

Correspondence <i>re</i> the Royal Postgraduate Medical School Council etc. |
| F.291 | 1996 March.

Includes invitation (declined) for Flowers to chair an advisory committee set up in connection with a proposed Salters' A Level Physics Course. |
| F.292 | 1996 September-December.

Includes invitation for Flowers to become a Member of the Graduate School of the Environment (accepted); 2pp typescript notes by Flowers <i>re</i> Imperial College's draft Charter. |
| F.293 | 1997 January-March. |
| F.294 | 1997 June-October. |

Societies and organisations

F.295-F.297	INSTITUTE OF PHYSICS	1984-1990
	Flowers was a Fellow of the Institute of Physics and served as President, 1972-1974.	
F.295	1984.	
	Election etc.	
F.296	1985-1986.	
	Includes correspondence <i>re</i> the Institute's awards.	
F.297	1988-1990.	
	Award etc.	
F.298-F.310	INTERNATIONAL UNION OF PURE AND APPLIED PHYSICS (IUPAP)	1957-1966
	Flowers was a member of an <i>ad hoc</i> committee, 1957-1960, investigating the possible formation of a low energy nuclear physics commission within IUPAP. Following its establishment in 1960 he served as a member of IUPAP's Low Energy Nuclear Physics Commission until 1966.	
F.298	1957 December.	
	Correspondence <i>re</i> the formation of a commission on low energy nuclear physics, including possible membership and activities.	
F.299	1958 May, June.	
	Correspondence <i>re</i> the formation of a commission on low energy nuclear physics etc.	

Societies and organisations

- F.300 1958 September-December.
- Correspondence *re* arrangements for a committee meeting in Uppsala, Sweden, 24-25 November 1958 (cancelled) and *re* future international nuclear physics conferences.
- F.301 1959 September.
- 2pp typescript report of the committee for low energy nuclear physics, with related correspondence.
- F.302, F.303 1960.
- Includes papers *re* the 10th General Assembly of IUPAP, Ottawa, Canada, 7-9 September 1960.
- Flowers was a member of the UK delegation.
- 2 folders.
- F.304 1961 June-September.
- Correspondence *re* the availability of funds for British physicists to attend international meetings on low energy nuclear physics.
- F.305 1962 September-December.
- F.306 1963 October-1994 January.
- F.307 1964 May.
- International Union of Pure and Applied Physics: General Information and Report of the General assembly, Warsaw, 1963.*
- F.308 1964, July, December.
- Includes 2pp typescript minutes of meeting of the Low Energy Nuclear Physics Commission, Paris, 6 July 1964.

Societies and organisations

- F.309 1965 April, October-November.
- Includes correspondence *re* Flowers's resignation as a member of the Low Energy Nuclear Physics Commission.
- F.310 1966 February, August.
- Includes 3pp typescript report of the Low Energy Nuclear Physics Commission for the period 1964-1966.
- F.311-F.327 **LLOYD'S OF LONDON TRICENTENARY FOUNDATION** **1987-1993**
- Flowers was a founder Trustee of the Lloyd's of London Tercentenary Foundation, 1987-1991, a charitable trust with the objective of funding research in the fields of medicine, science and business.
- The material consists of correspondence and papers relating to Flowers's service as a Trustee of the Foundation.
- F.311 1987 October-November.
- Papers (some annotated) *re* inaugural meeting of the Trustees of the Foundation, 9 November 1987.
- F.312 1988 January.
- Papers *re* meeting of the Trustees, 11 January 1988.
- F.313 1988 February.
- Papers *re* meeting of the Trustees, 18 February 1988.
- F.314 1988 April.
- Correspondence *re* arrangements for meetings.

Societies and organisations

- F.315 1988 May-June.
- Includes press release etc *re* the first awards of Lloyd's Tercentenary Foundation Fellowships.
- F.316 1988 July.
- Application.
- F.317 1988 August-September.
- Papers *re* meeting of the Trustees, 13 September 1989.
- F.318 1989 February-March.
- Papers *re* meeting of the Trustees, 27 February 1989 (Flowers unable to attend) etc.
- F.319 1989 May-June.
- Papers (annotated) *re* meeting of the Awards Sub-Committee, 9 May etc.
- F.320 1990 January-February.
- Papers *re* meeting of the Trustees, 20 February 1990.
- F.321 1990 June-July.
- Papers *re* applications for Lloyd's Tercentenary Foundation 1990 Fellowships.
- F.322 1990 August-September.
- F.323 1991 May-September.
- Correspondence *re* the appointment of new Trustees etc.

Societies and organisations

- F.324 1991 October.
Papers *re* meeting of the Trustees, 5 November 1991.
- F.325 1991 October-December.
Request (accepted) for Flowers to write an article on the work of Lloyd's Tercentenary Foundation for inclusion in *Lloyd's Log*, with related papers; correspondence *re* Flowers's retirement as a Trustee.
- F.326 1992 January-May.
Correspondence *re* Flowers's article for *Lloyd's Log*, including offprint.
- F.327 1993 October.
Brief correspondence *re* the criteria for awarding Lloyd's Tercentenary Foundation Fellowships.
- F.328-F.346 **LONDON SCHOOL OF HYGIENE AND TROPICAL MEDICINE 1991-1995 (LSHTM)**

Flowers was a member of the London School of Hygiene and Tropical Medicine's Board of Management, 1992-1995 and served as Chairman, 1994-1995.

The material consists of correspondence, typescript minutes of meetings etc.
- F.328 1991 March-April.
Correspondence *re* Flowers joining the LSHTM Board of Management etc.
- F.329, F.330 1991 April-May.
Correspondence and papers *re* the 1991-1992 recurrent grant allocation to the LSHTM and the decisions of the University of London Court.

2 folders.

Societies and organisations

- F.331 1991 June-December.
- F.332 1992 January-March.
Includes correspondence *re* LSHTM seeking direct access to the Universities Funding Council.
- F.333 1992 March.
Brief correspondence *re* a memorial for C.E. Gordon Smith, former Dean of LSHTM.
- F.334 1992 April-July.
Includes papers (annotated) for meeting of Board of Management, 10 June 1992.
- F.335 1992 October-November.
- F.336 1993 March-April.
- F.337 1994 July-August.
Correspondence *re* the death of Sir John Field, Chairman of the Board of Management and *re* the appointment of a new Chairman.
Flowers agreed to act as Chairman for an interim period.
- F.338-F.346 1994 October-1995 August.
Correspondence largely *re* the appointment of a new Chairman of the Board of Management and a new Dean of the LSHTM.
- F.338 1994 3 October-10 November.
- F.339 1994 11-21 November.

Societies and organisations

F.340 1994 22 November-2 December.

F.341 1994 2-9 December.

F.342 1994 12-19 December.

F.343 1994 21, 22 December.

F.344 1995 3 January-22 February.

F.345 1995 22 February-25 April.

F.346 1995 May-August.

F.347 MINISTRY OF DEFENCE 1965-1967

Flowers served as Chairman of a working party to review conventional armaments.

F.347 General correspondence.

F.348-F.422 NATIONAL PHYSICAL LABORATORY, TEDDINGTON, 1965-1967
MIDDLESEX

F.348-F.394 General correspondence

F.395-F.422 Meetings

Flowers was Chairman of the Steering Committee of the National Physical Laboratory (NPL), 1965-1967.

Societies and organisations

The Steering Committee was established in 1965 to be responsible to the Minister of Technology for advising on the selection of NPL projects and the allocation of resources to them.

F.348-F.394	General correspondence	1965-1967
F.348	1965 8-13 October. Correspondence <i>re</i> Flowers's appointment as Chairman of the Steering Committee of the National Physical Laboratory etc.	
F.349	1965 26 October-15 November.	
F.350	1965 22 November-13 December. Includes correspondence <i>re</i> membership of the Steering Committee.	
F.351	1965 10 December-1966 4 January. Includes correspondence <i>re</i> the organisation of the NPL and <i>re</i> a proposed British Calibration Service.	
F.352	1966 5-17 January. Correspondence <i>re</i> membership of the Steering Committee etc.	
F.353	1966 18-19 January.	
F.354	1966 27 January. Copy of typescript draft entitled 'Proposals for: Unit for Radio-Frequency Measurement Standards at NPL', with related correspondence.	
F.355	1966 1-25 February.	

Societies and organisations

- F.356 1966 1, 3 March.

Papers *re* meeting of Promotions Sub-Committee, 22 February 1966.

Flowers was in the Chair.
- F.357 1966 1-7 March.
- F.358 1966 4 March.

Appointments.
- F.359 1966 8-16 March.
- F.360 1966 17-22 March.

Includes 12pp typescript, 'A note on materials science at the National Physical Laboratory 10 March 1966', by N.P. Allen.
- F.361 1966 18-30 March.

Includes papers *re* the Froude Committee; 3pp typescript entitled 'Notes on Materials at NPL' (with 'Note prepared by Dr J.N. Fendley of NRDC' inscribed on front page).

The Froude Committee was set up to replace the Froude Ship Research Committee and advise on the work of NPL's Ship Division.
- F.362 1966 24 March-4 April.

Correspondence *re* promotions etc.
- F.363 1966 1-19 April.
- F.364 1966 4-20 April.

Includes 3pp typescript memorandum by A.H. Cottrell *re* materials science at NPL and 2pp typescript comments by N.P. Allen.

Societies and organisations

- F.365 1966 20 April-5 May.
- F.366 1966 6-17 May.

Includes brief correspondence *re* the composition of the Morgan Committee.

The Morgan Committee was set up to advise the Steering Committee on the NPL's work on materials science.
- F.367 1966 17-26 May.

Includes correspondence *re* membership of the NPL Steering Committee and the Metrology Committee.
- F.368 1966 3-14 June.

Includes correspondence *re* NPL building proposals.
- F.369 1966 15-28 June.
- F.370 1966 28 June-4 July.

9pp (annotated) typescript draft, 'Industrial Aerodynamics: The Case for a new Low Speed Wind Tunnel at NPL', by J.V. Dunworth, Director of the NPL, with letter by Flowers commenting on the paper.
- F.371 1966 6-21 July.

Includes 3pp typescript minutes of meeting *re* membership of the Visiting Board of the NPL, 24 June 1966 (Flowers attended).
- F.372 1966 25 July-1 August.

Appointment.
- F.373 1966 27 July-12 August.

Includes papers *re* the Morgan Committee.

Societies and organisations

- F.374 1966 12 August.
- Papers *re* the Glazebrook Committee.
- The Glazebrook Committee was established to advise the Steering Committee on the NPL's work on measurement science.
- F.375 1966 16-31 August.
- Includes correspondence *re* meeting between Sir Frank Mason, member of the Steering Committee and Mr Shaw, Ministry of Aviation, about hovercraft research and development.
- F.376 1966 September-October.
- Appointment.
- F.377 1966 5-23 September.
- F.378 1966 29 September-10 October.
- Correspondence and papers *re* hovercraft development.
- F.379 1966 6-17 October.
- Correspondence *re* a proposed low speed wind tunnel for industrial aerodynamics research at NPL, including copies of letters, September-October 1966.
- F.380 1966 18-31 October.
- F.381 1966 1-24 November.
- F.382 1966 21 November-7 December.
- Appointment.
- F.383 1966 21 November-12 December.

Societies and organisations

- F.384 1967 12-27 January.
Includes correspondence and papers *re* the organisation of hovercraft research.
- F.385 1967 25 January-27 February.
Includes correspondence *re* Flowers's position as Chairman of the NPL Steering Committee following his appointment as Chairman of the Science Research Council.
- F.386 1967 24 February-15 March.
Recommendation.
- F.387 1967 27 February-16 March.
- F.388 1967 16, 21 March.
10pp typescript copy of paper entitled 'The Structure of Problems in Process Control' by Westcott, with related correspondence.
- F.389 1967 17 March-14 April.
Includes correspondence *re* membership of the Aerodynamics Working Party and *re* carbon-14 dating by NPL.
- F.390 1967 13 April-2 May.
Includes copy of revised typescript minutes of the meeting of the Ministry of Technology's Advisory Council on Technology, 15 March 1967.
- F.391 1967 27 April-17 May.
Includes correspondence *re* the chairmanship of the Steering Committee and the chairmanship of the NPL Hovercraft Research Committee.
- F.392 1967 16-26 May.
Includes brief correspondence *re* carbon-14 dating.

Societies and organisations

F.393 1967 22 May-23 June.

Correspondence *re* the chairmanship of the NPL Hovercraft Research Committee.

F.394 1967 31 May-25 July.

Includes correspondence *re* carbon-14 dating.

F.395-F.422

Meetings

1966-1967

The following sequence of material was found together and relates to meetings significant to the NPL Steering Committee. It includes agendas, papers for meetings (some annotated), briefing documents etc.

The material has been arranged by meeting, in chronological order.

F.395-F.397

Second meeting of the Steering Committee, NPL, 28 April 1966.

3 folders.

F.398

Copy of Ministry of Technology press notice *re* the NPL Steering Committee, 5 April 1966.

The press notice was found with papers for the second meeting of the Steering Committee.

F.399-F.401

Third meeting of the Steering Committee, NPL, 21 July 1966.

3 folders.

F.402, F.403

Fourth meeting of the Steering Committee, Royal Society, London, 18 August 1966.

2 folders.

F.404-F.406

Fifth meeting of the Steering Committee, NPL, 27 October 1966.

3 folders.

Societies and organisations

- F.365 1966 20 April-5 May.
- F.366 1966 6-17 May.
Includes brief correspondence *re* the composition of the Morgan Committee.
The Morgan Committee was set up to advise the Steering Committee on the NPL's work on materials science.
- F.367 1966 17-26 May.
Includes correspondence *re* membership of the NPL Steering Committee and the Metrology Committee.
- F.368 1966 3-14 June.
Includes correspondence *re* NPL building proposals.
- F.369 1966 15-28 June.
- F.370 1966 28 June-4 July.
9pp (annotated) typescript draft, 'Industrial Aerodynamics: The Case for a new Low Speed Wind Tunnel at NPL', by J.V. Dunworth, Director of the NPL, with letter by Flowers commenting on the paper.
- F.371 1966 6-21 July.
Includes 3pp typescript minutes of meeting *re* membership of the Visiting Board of the NPL, 24 June 1966 (Flowers attended).
- F.372 1966 25 July-1 August.
Appointment.
- F.373 1966 27 July-12 August.
Includes papers *re* the Morgan Committee.

Societies and organisations

- F.374 1966 12 August.
- Papers *re* the Glazebrook Committee.
- The Glazebrook Committee was established to advise the Steering Committee on the NPL's work on measurement science.
- F.375 1966 16-31 August.
- Includes correspondence *re* meeting between Sir Frank Mason, member of the Steering Committee and Mr Shaw, Ministry of Aviation, about hovercraft research and development.
- F.376 1966 September-October.
- Appointment.
- F.377 1966 5-23 September.
- F.378 1966 29 September-10 October.
- Correspondence and papers *re* hovercraft development.
- F.379 1966 6-17 October.
- Correspondence *re* a proposed low speed wind tunnel for industrial aerodynamics research at NPL, including copies of letters, September-October 1966.
- F.380 1966 18-31 October.
- F.381 1966 1-24 November.
- F.382 1966 21 November-7 December.
- Appointment.
- F.383 1966 21 November-12 December.

Societies and organisations

- F.384 1967 12-27 January.
Includes correspondence and papers *re* the organisation of hovercraft research.
- F.385 1967 25 January-27 February.
Includes correspondence *re* Flowers's position as Chairman of the NPL Steering Committee following his appointment as Chairman of the Science Research Council.
- F.386 1967 24 February-15 March.
Recommendation.
- F.387 1967 27 February-16 March.
- F.388 1967 16, 21 March.
10pp typescript copy of paper entitled 'The Structure of Problems in Process Control' by Westcott, with related correspondence.
- F.389 1967 17 March-14 April.
Includes correspondence *re* membership of the Aerodynamics Working Party and *re* carbon-14 dating by NPL.
- F.390 1967 13 April-2 May.
Includes copy of revised typescript minutes of the meeting of the Ministry of Technology's Advisory Council on Technology, 15 March 1967.
- F.391 1967 27 April-17 May.
Includes correspondence *re* the chairmanship of the Steering Committee and the chairmanship of the NPL Hovercraft Research Committee.
- F.392 1967 16-26 May.
Includes brief correspondence *re* carbon-14 dating.

Societies and organisations

F.393 1967 22 May-23 June.

Correspondence *re* the chairmanship of the NPL Hovercraft Research Committee.

F.394 1967 31 May-25 July.

Includes correspondence *re* carbon-14 dating.

F.395-F.422

Meetings

1966-1967

The following sequence of material was found together and relates to meetings significant to the NPL Steering Committee. It includes agendas, papers for meetings (some annotated), briefing documents etc.

The material has been arranged by meeting, in chronological order.

F.395-F.397

Second meeting of the Steering Committee, NPL, 28 April 1966.

3 folders.

F.398

Copy of Ministry of Technology press notice *re* the NPL Steering Committee, 5 April 1966.

The press notice was found with papers for the second meeting of the Steering Committee.

F.399-F.401

Third meeting of the Steering Committee, NPL, 21 July 1966.

3 folders.

F.402, F.403

Fourth meeting of the Steering Committee, Royal Society, London, 18 August 1966.

2 folders.

F.404-F.406

Fifth meeting of the Steering Committee, NPL, 27 October 1966.

3 folders.

Societies and organisations

- F.407-F.411 Sixth meeting of the Steering Committee, NPL, 29 December 1966.
5 folders.
- F.412-F.416 Seventh meeting of the Steering Committee, NPL, 23 February 1967.
5 folders.
- F.417 Meeting of the NPL Promotion Committee, NPL, 3 March 1967 (Flowers was
in the Chair).
- F.418 Meeting of the Advisory Council of Technology, Ministry of Technology,
London, 15 March 1967 (Flowers attended for one item).
- F.419 Eighth meeting of the Steering Committee, NPL, 27 April 1967.
- F.420, F.421 Meeting of the NPL Visiting Board, NPL, 9 May 1967.
2 folders.
- F.422 Ninth meeting of the Steering Committee, NPL, 13 July 1967.
- F.423-F.522 NUFFIELD FOUNDATION 1990-1998**
- Flowers was a Managing Trustee of the Nuffield Foundation from 1982-1988
and served as its Chairman, 1987-1998.
- The material consists of correspondence and papers relating to Nuffield
Foundation activities, grant applications to the Foundation in particular.
- Correspondents are largely serving officers of the Foundation.
- F.423 1990 June-July.
- F.424 1990 31 August, 1 September.

Societies and organisations

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| F.425 | 1990 3 September-10 October. |
| F.426 | 1990 1-23 October.

Correspondence <i>re</i> Trustees meeting, 19 October 1990 etc. |
| F.427 | 1990 13-24 November.

Includes correspondence <i>re</i> the chairmanship of a proposed consultative committee for a technology project. |
| F.428 | 1990 27 November. |
| F.429 | 1990 30 November, 3 December. |
| F.430 | 1990 4 December-1991 4 January. |
| F.431 | 1991 11 January-8 February. |
| F.432 | 1991 11-14 February. |
| F.433 | 1991 14-23 February.

Includes correspondence <i>re</i> possible financial support for the British Academy. |
| F.434 | 1991 3-23 March. |
| F.435 | 1991 3 April-17 May.

Includes faxed copy of letter to Flowers by J. Major MP, Prime Minister <i>re</i> the Nuffield Foundation's proposed Council on Bioethics. |

Societies and organisations

- F.436 1991 8 May, n.d.
Includes typescript draft paper *re* membership of the Nuffield Council of Bioethics.
- F.437 1991 8-22 May.
Includes correspondence *re* an application by the Nuffield Farming Scholarships Trust to set up a project in Kaliningrad, Russia.
- F.438 1991 23 May-9 July.
- F.439 1991 2 July.
- F.440 1991 July-November.
- F.441 1991 11-16 July.
- F.442 1991 17 July-8 August.
- F.443 1991 8-30 August.
- F.444 1991 2-7 September.
- F.445 1991 9 September-3 October.
- F.446 1991 3-11 October.
Correspondence *re* internal Nuffield Foundation matters.
- F.447 1991 11 October-2 November.
Includes correspondence *re* possible new Trustees.

Societies and organisations

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| F.448 | 1991 13 November-24 December.

Includes correspondence <i>re</i> the Further and Higher Education Bill. |
| F.449 | 1992 January-February.

Correspondence and papers <i>re</i> possible new Trustees. |
| F.450 | 1992 2-21 January. |
| F.451 | 1992 30, 31 January. |
| F.452 | 1992 3-20 February. |
| F.453 | 1992 19-24 February. |
| F.454 | 1992 2-13 March.

Includes correspondence <i>re</i> possible new Trustees. |
| F.455 | 1992 11 March-1 April. |
| F.456 | 1992 29 April-29 May. |
| F.457 | 1992 30 April, 2 May. |
| F.458 | 1992 4, 6 June. |
| F.459 | 1992 12 June-24 July.

Includes correspondence <i>re</i> proposal by R. Gregory. |

Societies and organisations

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| F.460 | 1992 31 July-11 September.

Includes correspondence and papers <i>re</i> the difficulties of the Nuffield Chelsea Curriculum Trust. |
| F.461 | 1992 16 September-3 October.

Includes correspondence <i>re</i> staff matters. |
| F.462 | 1992 16 October-20 November. |
| F.463 | 1992 30 November. |
| F.464 | 1992 7-19 December.

Correspondence <i>re</i> internal Nuffield Foundation matters etc. |
| F.465 | 1992 9 December-1993 7 January. |
| F.466 | 1993 7 January.

Papers <i>re</i> the Nuffield Chelsea Curriculum Trust etc. |
| F.467 | 1993 19 January-24 February. |
| F.468 | 1993 1-15 March. |
| F.469 | 1993 18 March. |
| F.470 | 1993 26 March-27 April. |
| F.471 | 1993 May-June. |

Societies and organisations

F.472	1993 10-18 May.
F.473	1993 11-21 June.
F.474	1993 5 July.
F.475	1993 7 July.
F.476	1993 14-30 July. Includes papers <i>re</i> Nuffield Inquiry into dental auxiliaries.
F.477	1993 August-September.
F.478	1993 12-28 August.
F.479	1993 1 September-7 October.
F.480	1993 19 October-20 November.
F.481	1993 3-22 December.
F.482	1993 7 December.
F.483	1994 January-February.
F.484	1994 March.
F.485	1994 April-May.

Societies and organisations

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| F.486 | 1994 June. |
| F.487 | 1994 6-18 July. |
| F.488 | 1994 20 July-22 August. |
| F.489 | 1994 7 October-14 November. |
| F.490 | 1994 17 November-16 December. |
| F.491 | 1994 14-23 December.

Papers <i>re</i> the appointment of a new Director of the Nuffield Foundation etc. |
| F.492 | 1994 23, 30 December.

Includes 2pp manuscript letter to Flowers <i>re</i> the work of the Nuffield Council on Bioethics from its Chairman, Sir P. Nairne. |
| F.493 | 1995 January-February. |
| F.494 | 1995 2 March, 27 April. |
| F.495 | 1995 March-May.

Includes correspondence <i>re</i> the appointment of a new Director of the Nuffield Foundation. |
| F.496 | 1995 June. |
| F.497 | 1995 4 July.

Typescript paper <i>re</i> House of Lords reform (annotated by Flowers), sent by R. Hazell, Director of the Constitution Unit, London. |

Societies and organisations

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| F.498 | 1995 7 July-24 August. |
| F.499 | 1995 31 August-13 September.

Includes correspondence <i>re</i> the Constitution Unit's work on the implementation of constitutional reform. |
| F.500 | 1995 18 September-4 October. |
| F.501 | 1995 3-10 October. |
| F.502 | 1995 11 October-23 November. |
| F.503 | 1995 25 November-29 December.

Includes correspondence <i>re</i> a proposed joint initiative by the Royal Institution of Great Britain and the British Association for the Advancement of Science. |
| F.504 | 1996 19 January-3 March. |
| F.505 | 1996 28 February.

Papers <i>re</i> appointments to the Nuffield Council on Bioethics. |
| F.506 | 1996 5-25 March. |
| F.507 | 1996 2-16 April. |
| F.508 | 1996 29 April-20 May.

Correspondence <i>re</i> grant application to write a book. |
| F.509 | 1996 3 May-10 June. |

Societies and organisations

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| F.510 | 1996 5 June-19 July. |
| F.511 | 1996 October-November.

Includes 2pp typescript letter by Flowers <i>re</i> the payment of university overheads. |
| F.512 | 1996 December.

Includes papers <i>re</i> the appointment of Flowers's successor as Chairman of the Foundation. |
| F.513 | 1997 February-March. |
| F.514 | 1997 May. |
| F.515 | 1997 June-July. |
| F.516 | 1997 August. |
| F.517 | 1997 3-29 October.

Includes correspondence <i>re</i> proposal to establish a College of Teachers. |
| F.518 | 1997 23 October-7 November. |
| F.519 | 1997 11 November-22 December. |
| F.520 | 1998 January. |
| F.521 | 1998 February.

Correspondence <i>re</i> staff matters. |

Societies and organisations

F.522 1998 March.

F.523-F.556 PARLIAMENTARY AND SCIENTIFIC COMMITTEE 1990-1997

Flowers served as President of the Parliamentary and Scientific Committee, 1993-1997.

The material is arranged in a single chronological sequence and includes correspondence, minutes of meetings etc.

F.523 1990 October-1991 January.

Papers *re* meetings etc.

F.524 1991 March, December.

Invitation (accepted) to become a member of the new Council of the Parliamentary and Scientific Committee etc.

F.525 1992 January-April.

Includes correspondence *re* a *Science in Parliament* article '20 years ago'.

F.526 *ca* 1993.

F.527 1993 February-April.

F.528 1993 May-August.

Includes correspondence *re* science and technology representation in British Embassies.

F.529 1993 13 September-25 October.

F.530 1993 26 October-29 November.

Societies and organisations

- F.531 1993 9-11 November.
- F.532 1993 December.
- F.533 1994 6 January-3 February.
Includes correspondence *re* the need for legislation to protect medical research workers who use animals in experimental work; correspondence *re* the decision to dispense with the office of Chief Scientist and Technologist in the Department of Trade and Industry.
- F.534 1994 21-28 January.
Recommendation.
- F.535 1994 February.
Includes correspondence *re* the protection of medical research workers.
- F.536 1994 March.
- F.537 1994 *ca* April.
Includes *Annual Report 1993* of the Parliamentary and Scientific Committee (with foreword by Flowers).
- F.538 1994 May-June.
Includes copies of correspondence *re* science and technology representation at British Embassies.
- F.539 1994 23 May, 15 June.
- F.540 1994 July-November.
- F.541 1994 December.

Societies and organisations

- F.542 1995 January-February.
- Includes invitation by the Foreign and Commonwealth Office (accepted) for Flowers to represent the Parliamentary and Scientific Committee as a member of the Consultative Group on Overseas Science and Technology Work, with material *re* its first meeting, 6 February 1995 (Flowers unable to attend).
- F.543 1995 8-26 March.
- Correspondence and papers *re* the future funding of the Parliamentary Office of Science and Technology (POST).
- Flowers, as President of the Parliamentary and Scientific Committee, encouraged Parliamentary Members of the Committee favourable to POST to write letters in its support.
- F.544 1995 March-September.
- Correspondence *re* award etc.
- F.545 1995 April.
- F.546 1995 May.
- Includes typescript report by H.P. Jost on the meeting of the Consultative Group on Overseas Science and Technology Work, 18 May 1995.
- F.547 1995 June-July.
- F.548 1995 September.
- F.549 1995 October-November.
- Includes papers *re* the visit to China by a Parliamentary and Scientific Committee delegation (Flowers was a member), 3-12 November 1995.
- F.550 1995 December.

Societies and organisations

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|-------------|--|
| F.551 | 1996 January. |
| F.552 | 1996 1 February. |
| F.553 | 1996 February-March.

Includes correspondence <i>re</i> prior options reviews of public sector research establishments. |
| F.554 | 1996 April. |
| F.555 | 1996 May, July. |
| F.556 | 1997 May.

Elections. |
| F.557-F.579 | PUGWASH CONFERENCES ON SCIENCE AND WORLD AFFAIRS 1962-1967

The material consists of correspondence, papers relating to conferences and meetings etc. |
| F.557-F.559 | 1962 March-May.

Correspondence and papers <i>re</i> Pugwash Conferences on Science and World Affairs (COSWA) meeting, Gonville and Caius College, Cambridge, 19 May 1962 (Flowers attended as an observer).

3 folders. |
| F.560 | 1962 <i>ca</i> May-June.

Distributed papers. |

Societies and organisations

- F.561 1962 *ca* July.
- Correspondence and papers *re* meeting of British participants at the Cambridge Pugwash COSWA Conference, 21 July, London (Flowers unable to attend).
- F.562 1962 June-September.
- Correspondence and papers *re* Ninth Pugwash Conference on Science and World Affairs, Cambridge, 25-30 August 1962 (Flowers attended as an observer).
- Includes typescript reports of Working Group I on 'Problems of reduction and elimination under international control of weapons of mass destruction and of their means of delivery' (the Final Report has 'written by BHF' annotated on it).
- F.563 1962 4 September-5 October.
- F.564 1962 26 September-3 December.
- Correspondence *re* arrangements for a meeting of West European scientists on the subject of disarmament, Gonville and Caius College, Cambridge, 8-10 December 1962 etc.
- F.565 1963 February-June, n.d.
- Includes informal invitation (accepted) for Flowers to attend Pugwash Conference in Dubrovnik, Yugoslavia; invitation (accepted by Flowers) to a dinner meeting to discuss disarmament, London, 9 May 1963.
- F.566-F.568 1963 May-*ca* September.
- Correspondence and papers *re* 11th Pugwash Conference on Science and World Affairs, Dubrovnik, Yugoslavia, 20-25 September 1963.
- 3 folders
- Includes invitations for Flowers to visit research institutes in Yugoslavia.
- F.569 1963 October.
- Includes 2pp typescript letter by Flowers *re* the method of operation of Pugwash working groups.

Societies and organisations

- F.570 1963 December-1964 February.
- Includes brief correspondence *re* the possibility of international seismic research in the Alaska (USA) - Kamchatka (USSR) region.
- F.571-F.575 Material *re* 13th Pugwash Conference on Science and World Affairs, Karlovy-Vary, Czechoslovakia, 13-19 September 1964.
- Flowers attended the Conference, as well as a preparatory meeting in Prague, 9-12 September.
- F.571, F.572 1964 February-April.
- 2 folders.
- Includes correspondence *re* arrangements; brief correspondence *re* the possible establishment of a Manchester Pugwash Group.
- F.573, F.574 1964 May-June.
- 2 folders.
- Correspondence and papers *re* meeting in Cambridge, 23 May 1964 to discuss the programme for the Conference etc, including 1p (annotated) typescript draft by Flowers entitled 'Progress for complete disarmament'.
- F.575 1964 July-October.
- Includes correspondence *re* arrangements for a de-briefing meeting on the Conference, Whitehall, London, 26 October 1964; 2pp typescript paper by Flowers entitled 'A step towards nuclear disarmament'; 7pp typescript paper by N. Talenski entitled 'Anti-rocket systems and the problem of disarmament', with precis attached.
- F.576 1964 November-December.
- F.577 1965 January-February.
- Includes invitation (declined) for Flowers to attend the 14th Pugwash Conference on Science and World Affairs, Venice, Italy, 11-16 April 1965; brief correspondence *re* Pugwash and the Charity Commissioners.
- Flowers appears to have attended the Venice Conference despite initially declining the invitation.

Societies and organisations

- F.578 1965 April, October-November.
- Includes invitation (declined) to attend 15th Pugwash Conference on Science and World Affairs, Addis Ababa, Ethiopia, 29 December 1965-4 January 1966.
- F.579 1966-1967.
- F.580-F.587 **ROYAL COMMISSION ON ENVIRONMENTAL POLLUTION 1974-1976**
- Flowers was Chairman of the Royal Commission on Environmental Pollution, 1973-1976.
- The material is arranged in chronological order and consists largely of press cuttings, many relating to the Royal Commission's 6th Report, *Nuclear Power and the Environment*, published in September 1976.
- F.580 1974-1975.
- Copies of two press notices.
- F.581 1976 June.
- F.582-F.585 1976 September.
- Press cuttings *re* the Royal Commission's 6th Report, *Nuclear Power and the Environment*.
- 4 folders.
- F.586 1976 October.
- Newspaper cuttings etc *re* the Royal Commission's 6th Report, including letter by Flowers to the Editor of *The Times*, sent in response to a letter written by R.H. Mole.
- F.587 1976 November-December.

Societies and organisations

F.588-F.599

ROYAL SOCIETY

1976-1983

Flowers was elected to the Fellowship of the Royal Society in 1961.

The material consists of correspondence and papers relating to elections and awards.

F.588 1976 June-September.

F.589 1976 October.

F.590 1976 December-1977 January.

F.591 1977 August.

F.592 1979 July-September.

F.593 1980 January-April.

F.594 1980 November.

F.595 1981 January-February.

F.596 1982 March.

F.597 1982 April-June.

F.598 1982 October-1983 May.

F.599 1983 January-May.

Societies and organisations

F.600-F.651 UNITED KINGDOM ATOMIC ENERGY AUTHORITY (UKAEA) 1958-1977

Flowers worked at the Atomic Energy Research Establishment (AERE), Harwell, 1946-1950 and was Head of Theoretical Physics Division, AERE, Harwell, 1952-1958. His association with the UKAEA continued following his appointment at the University of Manchester, in particular through his role as a consultant.

Flowers resigned his consultancy in 1964 but in 1971 he was appointed a part-time Member of the United Kingdom Atomic Energy Authority.

The material below consists of correspondence and papers relating to Flowers's association with the UKAEA during the years, 1958-ca 1967 and 1973-1977.

F.600-F.603 'UKAEA Correspondence'. Contents of file so inscribed, divided into four for ease of reference. 1958-1961.

F.600 1958 August.

2pp typescript 'Notes on a Tour of the Reactor Division on 12 August 1958', by Flowers.

F.601 1958 May.

Appointment.

F.602 1960 January, April.

Includes letter by Flowers *re* a brief visit to the Atomic Energy Establishment, Winfrith, Dorset.

F.603 1961 July-August.

Correspondence *re* Flowers's consultancy etc.

Societies and organisations

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| F.604-F.617 | 'Harwell'. Contents of folder so inscribed, divided into fourteen for ease of reference. 1958-1966. |
| F.604 | 1958 October-November.

Includes invitation (accepted) for Flowers to become a member of the CTR Advisory Committee. |
| F.605 | 1958 December-1959 January.

Includes 8pp (annotated) typescript by P. Schofield, 'A review of neutron thermalisation work at Harwell'. |
| F.606 | 1959 May-November.

Appointments etc. |
| F.607 | 1960 February.

Appointment. |
| F.608 | 1960 April-May. |
| F.609 | 1960 July-August. |
| F.610 | 1960 September-November.

Appointments. |
| F.611 | 1960 November-1961 February. |
| F.612 | 1961 June.

Appointment. |
| F.613 | 1961 June-November. |

Societies and organisations

F.614	1962-1963.
F.615	1964 March-November. Includes correspondence <i>re</i> Flowers's resignation as a UKAEA consultant.
F.616	1965. Includes correspondence <i>re</i> appointments.
F.617	1966.
F.618-F.624	'UKAEA (London)'. Contents of file so inscribed, divided into seven for ease of reference. 1961- <i>ca</i> 1967.
F.618	1961-1962. Correspondence <i>re</i> Flowers's service on Appointments Board Panels etc.
F.619	1963 March. Brief correspondence <i>re</i> the value of ordinary degree courses for Experimental Officers.
F.620	1963 June. Appointment.
F.621	1963 July, November. Includes 2pp typescript letter by Flowers <i>re</i> the organisation of the UKAEA.
F.622	1964.
F.623	1965-1966.

Societies and organisations

- F.624 *ca* 1967.
- F.625, F.626 'Harwell Cyclotron'. Contents of file so inscribed, divided into two for ease of reference. 1964-1965.
- Flowers was one of several consultants brought together to discuss the merits of a proposal to modify Harwell's 180 MeV cyclotron to give a much higher beam current.
- F.625 1964 August-November.
- Includes typescript notes by B. Rose *re* the Harwell synchrocyclotron.
- F.626 1964 December-1965 January.
- Includes 3pp manuscript notes by Flowers; 4pp typescript letter by Flowers *re* the future of the Harwell synchrocyclotron; 8pp typescript draft report by W.E. Burcham entitled 'The Harwell Synchrocyclotron'; copy of typescript minutes of meeting to discuss the Harwell synchrocyclotron, 30 December 1964 (Flowers attended).
- F.627-F.651 Correspondence and papers relating to Flowers's service as a part-time Member of the United Kingdom Atomic Energy Authority. 1973-1977.
- F.627 1973 August-October.
- F.628 1973 29 October.
- F.629 1973 November.
- Includes 6pp typescript entitled 'Note of a discussion at a meeting of the Secretary of State for Trade and Industry and Minister for Industry with the Atomic Energy Authority ... 8 November 1973'.
- F.630 1973 4-10 December.
- Typescript UKAEA paper on 'Fast Reactor Strategy', 14pp, with related correspondence.

Societies and organisations

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| F.631 | 1973 17-18 December.

Includes copy of 3pp typescript letter from Flowers to Edward Heath MP, Prime Minister, <i>re</i> the nuclear power programme. |
| F.632 | 1973 18 December. |
| F.633 | 1974 January-May. |
| F.634 | 1974 19-26 June. |
| F.635 | 1974 26 June-3 July.

Includes typescript draft (annotated) of the UKAEA's twentieth Annual Report, with 2pp typescript comments by Flowers. |
| F.636 | 1974 July-September.

Appointment etc. |
| F.637 | 1974 November. |
| F.638 | 1974 December.

Includes 2pp letter by Flowers <i>re</i> papers for a UKAEA meeting, 5 December 1974 (he was unable to attend). |
| F.639 | 1975 February-May. |
| F.640 | 1975 June-September.

Includes brief correspondence <i>re</i> a proposed proton pituitary therapy project involving the Harwell cyclotron. |
| F.641 | 1975 November. |

Societies and organisations

F.642 1976 5-9 March.

F.643 1976 10-29 March.

Includes correspondence *re* Flowers's re-appointment as a part-time Member of the UKAEA.

F.644 1976 April, June.

Includes correspondence *re* Flowers's speech at the National Energy Conference, London, 22 June 1976.

See also D.148.

F.645 1976 July.

F.646 1976 August-September.

F.647 1976 September-October.

F.648 1976 October-November.

Includes correspondence *re* British Nuclear Fuels Ltd's Windscale planning application.

F.649 1976 December.

Includes copy of 3pp typescript letter from Flowers to P.D. Shore MP, Secretary of State for the Environment *re* the Windscale planning application and the processing of foreign fuels.

F.650 1977 February-April.

F.651 1977 May-July.

Societies and organisations

F.652-F.661

UNIVERSITY GRANTS COMMITTEE (UGC)

1965-1966

In 1965 Flowers was appointed Chairman of a Working Group set up by the University Grants Committee and the Council for Scientific Policy, with the terms of reference:

'To assess the probable computer needs, during the next five years, of users in Universities and civil research establishments receiving support from Government funds'.

The report of the Working Group chaired by Flowers recommended that it should be succeeded by a 'suitably constituted permanent body'. Consequently the Computer Board for Universities and Research Councils was created and Flowers accepted appointment as its first Chairman in June 1966.

An Interim Computer Panel was established by the University Grants Committee, with Sir Willis Jackson as Chairman. Its purpose was to make recommendations on computers for universities where urgent action arising from the report of the Working Group could not be delayed until the creation of the Computer Board.

The material listed below was found together. It largely consists of correspondence and papers for meetings relating to the Interim Computer Panel.

See also F.68-F.179 for papers relating to the Computer Board.

F.652

1965 May-October.

Includes invitation (accepted) to attend meeting organised by N. Mott 'UGC - Dirigiste or Laissez-faire?', Cambridge, 16-17 July 1965, with related correspondence; brief correspondence *re* the implementation of *A report of a Joint Working Group on Computers for Research*.

F.653

1966 January.

Includes copy of 2pp typescript letter from Flowers to Sir John Wolfenden *re* the control of scientific research expenditure, 10 January 1966.

F.654

1966 *ca* February.

Papers *re* meeting of the UGC Computer Panel, 11 February 1966 (Flowers unable to attend) etc.

Societies and organisations

- F.655 1966 February.
- 12pp typescript paper by K.V. Roberts for the UGC Computer Panel, entitled 'Some notes on the large KDF9 computers'.
- F.656 1966 *ca* March.
- Papers *re* meeting of UGC Computer Panel, 7 March 1966.
- F.657 1966 March.
- Includes reply by Flowers to an invitation for him to become a member of a new Sub-Committee on Mathematics.
- F.658, F.659 1966 *ca* April.
- Papers *re* meeting of UGC Computer Panel, 13 April 1966.
- 2 folders.
- F.660 1966 1-22 April.
- Includes correspondence *re* the financing of the computing needs of Universities and Research Councils.
- F.661 1966 *ca* April.
- Papers *re* meeting of UGC Computer Panel, 28 April 1966.
- F.662-F.686 UNIVERSITY OF LONDON 1980-1998**
- Flowers was Vice-Chancellor of the University of London, 1985-1990.
- F.662-F.664 Working Party on Medical and Dental Teaching Resources
- F.665-F.686 General correspondence

Societies and organisations

F.662-F.664 Working Party on Medical and Dental Teaching Resources 1980-1981

Flowers was Chairman of the University of London Working Party on Medical and Dental Teaching Resources, 1979-1980.

F.662 *London Medical Education - A New Framework: Report of a Working Party on Medical and Dental Teaching Resources*, February 1980.

F.663 10pp typescript press statement by Flowers, Senate House, London, 26 February 1980.

The pages are of approximately A5 size.

F.664 Printed material, 1981.

F.665-F.686 General correspondence 1990-1998

Correspondence kept together in a file inscribed 'University of London'.

The correspondence largely relates to Flowers's continued interest and involvement in matters affecting the University of London following his retirement in 1990 from the Vice-Chancellorship.

F.665 1990 April-September.
Includes correspondence *re* Flowers's retirement.

F.666 1990 October-December.

F.667 1991 January-May.
Includes brief correspondence with S.R. Sutherland, Vice-Chancellor of the University of London *re* his paper on the Federal University.

F.668 1991 July-December.

Societies and organisations

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| F.669 | 1992 May.

Brief correspondence <i>re</i> University of London affairs etc. |
| F.670 | 1992 July-September.

Includes correspondence <i>re</i> a proposal by Goldsmiths' College, London to purchase and develop a site. |
| F.671 | 1992 September. |
| F.672 | 1992 October-December. |
| F.673 | 1993 January-May. |
| F.674 | 1993 May-June. |
| F.675 | 1993 July.

Award. |
| F.676 | 1993 July-October. |
| F.677 | 1994 April-June. |
| F.678 | 1994 July.

Correspondence <i>re</i> reforms affecting London teaching hospitals etc. |
| F.679 | 1994 September-October. |

Societies and organisations

- F.680 1995 June, September.
- Includes invitation (declined) for Flowers to join the Council of Royal Holloway and Bedford New College, London.
- F.681 1996 January-March.
- Invitations (accepted) for Flowers to accept nomination for an Honorary Degree and to become an Honorary Fellow of Royal Holloway and Bedford New College, London; correspondence *re* charges for the use of the University of London Library; request (accepted) for Lord and Lady Flowers to host a celebration of 25 years of Nightline, 6 June 1996.
- F.682 1996 May-September.
- Includes correspondence *re* arrangements for Foundation Day, 13 November 1996.
- Flowers was awarded an Honorary Degree by the University of London on this occasion.
- F.683 1996 September-October.
- Recommendation.
- F.684 1996 November-December.
- F.685 1997 January-August.
- Includes brief correspondence *re* Flowers's contribution of a supporting statement about Nightline for its Annual Report.
- F.686 1998.

SECTION G

CORRESPONDENCE

G.1-G.529

G.1-G.242 PERSONAL CORRESPONDENCE

G.243-G.437 DAY FILES

G.438 CORRESPONDENCE WITH J.W. BRAY MP

G.439-G.469 CORRESPONDENCE WITH LORD ROTHSCHILD

G.470-G.529 REFERENCES AND RECOMMENDATIONS

Correspondence

G.1-G.242

PERSONAL CORRESPONDENCE

1979-1997

Contents of Flowers's correspondence files inscribed 'Personal'.

The personal correspondence is the main sequence of incoming correspondence in the collection with copies of replies by Flowers. The correspondence is addressed to him in various capacities so the subject matter is broad, covering a wide range of professional issues and more personal matters relating to his colleagues, friends, and family.

Correspondence relating to the same subject was generally grouped into bundles within each of Flowers's files. These bundles were arranged in chronological order by the latest date within each bundle. As a result there is frequently an overlap in date span between bundles. The correspondence in the files has been subdivided into folders for ease of reference without any alteration to the original arrangement. As a result this date overlap is reflected in the catalogue entries.

G.1-G.3

1979 August-1981 May.

G.1

1979 August-December.

G.2

1980 January-July.

G.3

1981 March-May.

G.4-G.10

1980 January-1982 January.

G.4

1980 January-March.

G.5

1980 April.

G.6

1980 April, May.

G.7

1980 June-December.

Correspondence

- | | |
|-----------|--|
| G.8 | 1981 January-March.

Includes correspondence <i>re</i> retirement from the Atomic Energy Authority, award of Officier de la Légion d'Honneur.

See also A.110 and D.279. |
| G.9 | 1981 April-October. |
| G.10 | 1981 December, 1982 January. |
| G.11-G.17 | 1982 January-December. |
| G.11 | 1982 January-June. |
| G.12 | 1982 May. |
| G.13 | 1982 June-August.

Includes correspondence <i>re</i> the work of H. Bohr including typescript offprints and drafts. |
| G.14 | 1982 July. |
| G.15 | 1982 August-October. |
| G.16 | 1982 October-December. |
| G.17 | 1982 November, December. |

Correspondence

G.18-G.25	1983 January-October.
G.18	1983 January-April.
G.19	1983 January, February.
G.20	1983 April-August.
G.21	1983 May.
G.22	1983 June-August.
G.23	1983 August-October.
G.24	1983 September, October.
G.25	1983 September.
G.26-G.28	1983 April-November.
G.26	1983 April-September.
G.27	1983 September, October.
G.28	1983 October, November.

Correspondence

G.29-G.43	1983 November-1984 December.
G.29	1983 November, December. Includes correspondence <i>re Nuclear Power and the Environment</i> , Sixth Report of the Royal Commission on Environmental Pollution (HMSO, 1976)
G.30	1984 January.
G.31	1984 January, February.
G.32	1984 February.
G.33	1984 February, March.
G.34	1984 March-May.
G.35	1984 April-May.
G.36	1984 April, May.
G.37	1984 April-June. Includes correspondence <i>re Nuclear Power and the Environment</i> , Sixth Report of the Royal Commission on Environmental Pollution (HMSO, 1976).
G.38	1984 April-July.
G.39	1984 August-October.

Correspondence

- | | |
|------------------|--|
| G.40 | 1984 August. |
| G.41 | 1984 September-November. |
| G.42 | 1984 October, November. |
| G.43 | 1984 November, December. |
| G.44-G.60 | 1984 March-1987 December. |
| G.44 | 1984 March-December.

Includes correspondence <i>re</i> the treatment by Yugoslav authorities of I. Supek. |
| G.45 | 1984 December, 1985 January. |
| G.46 | 1985 January-May.

Includes correspondence <i>re</i> second edition of <i>Properties of Matter</i> by B.H. Flowers and E. Mendoza, John Wiley & Sons Ltd, 1970.

See also E.21-E.28. |
| G.47 | 1985 March, April. |
| G.48 | 1985 April. |
| G.49 | 1985 May, June. |
| G.50 | 1985 May-July.

Includes correspondence <i>re</i> honorary degrees from Dundee and Oxford. |

Correspondence

- G.51 1985 July.
- Letter to Lord Rothschild, 10 July 1985 and correspondence and papers May-September 1976 *re Nuclear Power and the Environment*, Sixth Report of the Royal Commission on Environmental Pollution (HMSO, 1976).
- See also D.151, D.152 and F.580-F.587.
- G.52 1985 July, August.
- G.53 1986 January-July.
- Includes correspondence *re* proposal of R.E. Peierls for Copley Medal.
- See also A.154.
- G.54 1986 August, September.
- G.55 1987 July-October.
- Includes correspondence *re* the establishment of the Rank Chair of Human Nutrition, University of London; correspondence *re* arrangements for the 80th Birthday Symposium in honour of R.E. Peierls.
- G.56 1987 July.
- G.57 1987 August.
- G.58 1987 September.
- G.59 1987 November, December.
- G.60 1987 December.

Correspondence

G.61-G.66 **1987 December-1988 March.**

G.61 1987 December-1988 February.

G.62 1987 December-1988 February.

G.63 1987 December, 1988 January.

G.64 1988 February, March.

G.65 1988 March.

G.66 1988 March.

G.67-G.69 **1988 March-June.**

G.67 1988 March-May.

G.68 1988 June.

Includes correspondence *re* arrangements for Schuster Centenary Celebration, Schuster Laboratory, University of Manchester, 23 November 1988.

See also G.72.

G.69 1988 June.

G.70 **1988 June-September.**

G.70 1988 June-September.

Correspondence

G.71-G.74 1988 September-December.

G.71 1988 September, October.

There is some correspondence from January 1988.

Includes correspondence *re* invitation to be principal guest speaker at the Installation Dinner for the new Master of the Worshipful Company of Scientific Instrument Makers, London, 21 October 1988.

G.72 1988 September-November.

There is some correspondence from March 1988.

Includes correspondence and 20pp A5 typescript speech with annotations *re* Schuster Centenary Celebration, Schuster Laboratory, University of Manchester, 23 November 1988.

See also G.68.

G.73 1988 September.

G.74 1988 November, December.

G.75-G.85 1988 November-1990 January.

G.75 1988 November-1989 January.

G.76 1988 December-1989 February.

G.77 1989 February, March.

Includes correspondence *re* invitation to write obituary of Sir Alec Merrison for *Physics World* (declined).

See also G.79.

G.78 1989 March, April.

Correspondence

- G.79 1989 April-June.
- Correspondence etc. *re* arrangements for service of thanksgiving for Sir Alec Merrison, Bristol Cathedral, 8 June 1989.
- See also G.77.
- G.80 1989 June.
- G.81 1989 June.
- G.82 1989 July, August.
- G.83 1989 September-November.
- G.84 1989 December, 1990 January.
- G.85 1989 December.
- G.86-G.96 1990 January-July.**
- G.86 1990 January.
- G.87 1990 January-October.
- G.88 1990 January, February.
- G.89 1990 February.

Correspondence

- G.90 1990 March, April.
- Includes correspondence *re* election of Lord and Lady Flowers to honorary life membership of the University of London Union, (see A.136); invitation from the International Atomic Energy Agency to chair a proposed group to investigate the radiological consequences in the USSR from the Chernobyl accident.
- G.91 1990 May.
- G.92 1990 May.
- G.93 1990 May, June.
- G.94 1990 June, July.
- G.95 1990 June, July.
- There is some correspondence from April 1989.
- Includes correspondence *re* conferral of Honorary Degree of Doctor of Science from the National University of Ireland.
- G.96 1990 July.
- G.97-G.109 1990 April-December.
- G.97 1990 April-July.
- Includes correspondence *re* Flowers's acceptance of invitation to give opening address at the 40th Pugwash Conference, Egham, Surrey, 16 September 1990.
- See also D.387.
- G.98 1990 July, August.

Correspondence

G.99 1990 July, August.

G.100 1990 August.

G.101 1990 August, September.

Includes correspondence *re* Flowers's opening address at the 40th Pugwash Conference, Egham, Surrey, 16 September 1990, and correspondence *re* tenth anniversary of the Radioactive Waste Management Advisory Committee.

See also D.387, G.97.

G.102 1990 September, October.

G.103 1990 September, October.

G.104 1990 September.

G.105 1990 October, November.

G.106 1990 November.

G.107 1990 November.

G.108 1990 November, December.

G.109 1990 December.

Correspondence

G.110-G.124 1990 December-1991 July.

G.110 1990 December, 1991 January.

G.111 1991 January.

G.112 1991 January.

G.113 1991 February.

G.114 1991 February, March.

G.115 1991 February-May.

G.116 1991 March, April.

G.117 1991 March-May.

G.118 1991 March, April.

Includes correspondence *re* service of thanksgiving for the life of D.F. Jackson.

G.119 1991 March.

G.120 1991 April.

G.121 1991 April-June.

Includes correspondence *re* proposals to break up the Australian National University and correspondence with J. Freeman *re* her recent autobiography.

Correspondence

G.122 1991 May.

G.123 1991 May.

G.124 1991 June, July.

Includes correspondence *re* proposals to break up the Australian National University.

G.125-G.137 1991 June-December.

G.125 1991 June, July.

G.126 1991 June-October.

G.127 1991 July.

G.128 1991 July, August.

Includes correspondence *re* proposed European Theoretical Nuclear Physics Institute.

G.129 1991 July, August.

Includes correspondence *re* Honorary Fellowship of Goldsmith's College, University of London.

G.130 1991 July, August.

G.131 1991 September.

Correspondence

- G.132 1991 October.
- Includes correspondence *re* funding arrangements for the Institute of Advanced Studies at the Australian National University.
- G.133 1991 October, November.
- Includes correspondence *re* the British Technology Group Bill.
- G.134 1991 October-December.
- There is some correspondence from July 1991.
- G.135 1991 November, December.
- Includes correspondence *re* British Technology Group Bill.
- G.136 1991 November, December.
- G.137 1991 November, December.
- G.138-G.151 1991 December-1992 June.**
- G.138 1991 December, 1992 January.
- G.139 1992 January.
- G.140 1992 January.
- G.141 1992 January, February.
- G.142 1992 February.

Correspondence

G.143	1992 February.
G.144	1992 February.
G.145	1992 February, March.
G.146	1992 February-April.
G.147	1992 March.
G.148	1992 April, May.
G.149	1992 May, June.
G.150	1992 June.
G.151	1992 June.
G.152-G.163	1992 June-December.
G.152	1992 June, July.
G.153	1992 June, July.
G.154	1992 July.

Correspondence

- G.155 1992 August, September.

Includes correspondence *re* the Royal Society biographical memoir of Sir Alec Merrison.
- G.156 1992 September.
- G.157 1992 September, October.
- G.158 1992 October.

Includes correspondence *re* Daphne Jackson Memorial Fellowships Trust.
- G.159 1992 October, November.
- G.160 1992 November.
- G.161 1992 November.
- G.162 1992 November, December.

Includes correspondence *re* publication of opening speech by Flowers at the Conference on Technology Transfer and Implementation, London, 6 July 1993.

See also D.421.
- G.163 1992 December.
- G.164-G.171 1993 January-August.**
- G.164 1993 January.

There is some correspondence from September and November 1993.

Correspondence

- | | |
|--------------------|---|
| G.165 | 1993 February, March. |
| G.166 | 1993 February. |
| G.167 | 1993 February.

Includes correspondence <i>re</i> European Science Foundation. |
| G.168 | 1993 April, May. |
| G.169 | 1993 May, June.

Includes correspondence <i>re</i> arrangements to visit to the Czech Republic. |
| G.170 | 1993 June. |
| G.171 | 1993 June-August. |
| G.172-G.177 | 1993 June-December. |
| G.172 | 1993 June-August.

Includes correspondence <i>re</i> Chernobyl accident after effects; and correspondence <i>re</i> Royal Society biographical memoirs of Lord Kearton and Sir Alec Merrison. |
| G.173 | 1993 August, September.

Includes correspondence <i>re</i> biographical memoir of K.E.J. Fuchs. |
| G.174 | 1993 October, November. |
| G.175 | 1993 November, December. |

Correspondence

- G.176 1993 December.

There is some correspondence from October 1993.
- G.177 1993 December.
- G.178-G.185 1994 January-June.**
- G.178 1994 January, February.

Includes correspondence *re* biographical memoir of Sir Alec Merrison.
- G.179 1994 February.

Includes correspondence *re* article in *The Sunday Times* on the Wellcome Trust.
- G.180 1994 February, March.
- G.181 1994 March, April.
- G.182 1994 April, May.
- G.183 1994 May, June.

Includes 4pp typescript autobiographical sketch sent to Lord Dainton.
- G.184 1994 May, June.
- G.185 1994 June.

Correspondence

G.186-G.191 **1994 June-December.**

G.186 1994 June-August.

There is some correspondence from April 1994.

G.187 1994 August.

G.188 1994 September.

G.189 1994 October.

G.190 1994 November.

There is some correspondence from July 1994.

Includes correspondence *re* views of Flowers on the Crown Prosecution Service.

G.191 1994 December.

G.192-G.203 **1994 December-1995 June.**

G.192 1994 December, 1995 January.

Includes correspondence *re* biographical memoir of Sir Alec Merrison.

G.193 1995 January, February.

Includes correspondence *re* University College London Hospitals; and correspondence *re* arrangements for 'Environmental policy: the last 25 years and the next 25 years', Jubilee Seminar, Royal Commission on Environmental Pollution, London, 28 March.

See also D.452 and G.194.

Correspondence

- G.194 1995 February, March.
- Includes correspondence *re* biographical memoirs of Sir Alec Merrison and J.M. Cassels; and correspondence *re* arrangements for 'Environmental policy: the last 25 years and the next 25 years', Jubilee Seminar, Royal Commission on Environmental Pollution, London, 28 March
- See also D.452, G.294.
- G.195 1995 February.
- G.196 1995 April.
- Includes correspondence *re* changes to hospital services in London.
- G.197 1995 April, May.
- G.198 1995 April.
- G.199 1995 May.
- G.200 1995 May, June.
- G.201 1995 June.
- Includes correspondence *re* the Radioactive Waste Management Advisory Committee and radioactive waste management.
- G.202 1995 June.
- G.203 1995 June.

Correspondence

G.204-G.213	1995 June-December.
G.204	1995 June, July.
G.205	1995 July. Includes correspondence <i>re</i> report of the British Pugwash Group on British nuclear weapons policy.
G.206	1995 July, August.
G.207	1995 August. Includes correspondence <i>re</i> award of Honorary D.Sc. from the University of Reading.
G.208	1995 September. There is some correspondence from July 1995. Includes correspondence <i>re</i> award of Honorary D.Sc. from the University of Reading.
G.209	1995 September, October. Includes correspondence <i>re</i> research project of J. Argyris.
G.210	1995 October.
G.211	1995 November, December. There is some correspondence from July 1995. Includes correspondence <i>re</i> research project of J. Argyris; correspondence <i>re</i> the award of an Honorary Fellowship of the University of Wales Swansea.
G.212	1995 December.

Correspondence

G.213 1995 December.

G.214-G.228 1996 January-December.

G.214 1996 January.

G.215 1996 January.

G.216 1996 February.

G.217 1996 February.

G.218 1996 February-April.

G.219 1996 March.

G.220 1996 April, May.

G.221 1996 June.

Includes correspondence *re* Royal Society biographical memoir of W.L. Francis.

G.222 1996 July.

G.223 1996 July-September.

G.224 1996 October.

Correspondence

- G.225 1996 October.
- G.226 1996 October-December.
- G.227 1996 November.
- G.228 1996 December.
Includes correspondence *re* views of Flowers on personal firearm ownership.
- G.229-G.242 1996 December-1997 December.**
- G.229 1996 December, 1997 January.
Includes correspondence relating to Nirex.
- G.230 1997 January, February.
- G.231 1997 February.
Includes correspondence *re* Nirex and the 'leak' of an internal document.
- G.232 1997 February.
- G.233 1997 March.
Includes correspondence *re* planning application by Nirex for a rock characterisation facility near Sellafield, Cumbria.
- G.234 1997 April-June.
There is some correspondence from June 1997.
Includes correspondence with the Marchioness of Anglesey *re* the Chernobyl accident and Nirex; and correspondence *re* biographical memoir of G. Gee.

Correspondence

G.235	1997 May, June.
G.236	1997 June.
G.237	1997 June, July.
G.238	1997 July.
G.239	1997 August.
G.240	1997 September-November. Includes correspondence <i>re</i> views of Flowers on the Dearing Report.
G.241	1997 December.
G.242	1997 December.

Correspondence

G.243-G.437

DAY FILES

1990-1996

The material consists of copies of outgoing correspondence produced by Flowers from his home address and maintained in a chronological order. The majority were typed on a word processor although there are also photocopies of his handwritten correspondence.

The subject matter is broad, covering a wide range of professional issues and more personal matters relating to his colleagues, friends and family.

G.243-G.256

1990

G.243

1990 August (1).

G.244

1990 August (2).

G.245

1990 September (1).

G.246

1990 September (2).

G.247

1990 September (3).

G.248

1990 October (1).

G.249

1990 October (2).

G.250

1990 October (3).

G.251

1990 November (1).

G.252

1990 November (2).

Correspondence

G.253	1990 November (3).
G.254	1990 December (1).
G.255	1990 December (2).
G.256	1990 December (3).
G.257-G.291	1991
G.257	1991 January (1).
G.258	1991 January (2).
G.259	1991 January (3).
G.260	1991 January (4).
G.261	1991 February (1).
G.262	1991 February (2).
G.263	1991 February (3).
G.264	1991 March (1).
G.265	1991 March (2).

Correspondence

G.266	1991 March (3).
G.267	1991 March (4).
G.268	1991 April (1).
G.269	1991 April (2).
G.270	1991 April (3).
G.271	1991 May (1).
G.272	1991 May (2).
G.273	1991 May (3).
G.274	1991 June (1).
G.275	1991 June (2).
G.276	1991 June (3).
G.277	1991 July (1).
G.278	1991 July (2).
G.279	1991 July (3).

Correspondence

G.280	1991 August (1).
G.281	1991 August (2).
G.282	1991 August (3).
G.283	1991 September (1).
G.284	1991 September (2).
G.285	1991 October (1).
G.286	1991 October (2).
G.287	1991 October (3).
G.288	1991 November (1).
G.289	1991 November (2).
G.290	1991 November (3).
G.291	1991 December.
G.292-G.332	1992
G.292	1992 January (1).

Correspondence

G.293	1992 January (2).
G.294	1992 January (3).
G.295	1992 January (4).
G.296	1992 February (1).
G.297	1992 February (2).
G.298	1992 February (3).
G.299	1992 March (1).
G.300	1992 March (2).
G.301	1992 March (3).
G.302	1992 March (4).
G.303	1992 April (1).
G.304	1992 April (2).
G.305	1992 April (3).
G.306	1992 May (1).

Correspondence

G.307	1992 May (2).
G.308	1992 May (3).
G.309	1992 May (4).
G.310	1992 June (1).
G.311	1992 June (2).
G.312	1992 June (3).
G.313	1992 July (1).
G.314	1992 July (2).
G.315	1992 July (3).
G.316	1992 July (4).
G.317	1992 August (1).
G.318	1992 August (2).
G.319	1992 August (3).
G.320	1992 September (1).

Correspondence

G.321	1992 September (2).
G.322	1992 September (3).
G.323	1992 September (4).
G.324	1992 October (1).
G.325	1992 October (2).
G.326	1992 October (3).
G.327	1992 October (4).
G.328	1992 November (1).
G.329	1992 November (2).
G.330	1992 November (3).
G.331	1992 December (1).
G.332	1992 December (2).
G.333-G.367	1993
G.333	1993 January (1).

Correspondence

G.334	1993 January (2).
G.335	1993 January (3).
G.336	1993 February (1).
G.337	1993 February (2).
G.338	1993 February (3).
G.339	1993 March (1).
G.340	1993 March (2).
G.341	1993 March (3).
G.342	1993 April (1).
G.343	1993 April (2).
G.344	1993 April (3).
G.345	1993 May (1).
G.346	1993 May (2).
G.347	1993 May (3).

Correspondence

G.348	1993 June (1).
G.349	1993 June (2).
G.350	1993 June (3).
G.351	1993 June (4).
G.352	1993 June (5).
G.353	1993 June (6).
G.354	1993 August (1).
G.355	1993 August (2).
G.356	1993 August (3).
G.357	1993 September (1).
G.358	1993 September (2).
G.359	1993 October (1).
G.360	1993 October (2).
G.361	1993 October (3).

Correspondence

G.362	1993 November (1).
G.363	1993 November (2).
G.364	1993 November (3).
G.365	1993 December (1).
G.366	1993 December (2).
G.367	1993 December (3).
G.368-G.391	1994
G.368	1994 January (1).
G.369	1994 January (2).
G.370	1994 February (1).
G.371	1994 February (2).
G.372	1994 March.
G.373	1994 April (1).
G.374	1994 April (2).

Correspondence

G.375	1994 May (1).
G.376	1994 May (2).
G.377	1994 June (1).
G.378	1994 June (2).
G.379	1994 July (1).
G.380	1994 July (2).
G.381	1994 July (3).
G.382	1994 August (1).
G.383	1994 August (2).
G.384	1994 September.
G.385	1994 October (1).
G.386	1994 October (2).
G.387	1994 November (1).
G.388	1994 November (2).

Correspondence

G.389	1994 December (1).
G.390	1994 December (2).
G.391	1994 December (3).
G.392-G.417	1995
G.392	1995 January.
G.393	1995 February (1).
G.394	1995 February (2).
G.395	1995 February (3).
G.396	1995 March (1).
G.397	1995 March (2).
G.398	1995 March (3).
G.399	1995 April (1).
G.400	1995 April (2).
G.401	1995 May (1).

Correspondence

G.402	1995 May (2).
G.403	1995 June (1).
G.404	1995 June (2).
G.405	1995 June (3).
G.406	1995 July (1).
G.407	1995 July (2).
G.408	1995 August (1).
G.409	1995 August (2).
G.410	1995 September (1).
G.411	1995 September (2).
G.412	1995 October (1).
G.413	1995 October (2).
G.414	1995 November.
G.415	1995 December (1).

Correspondence

G.416 1995 December (2).

G.417 1995 December (3).

G.418-G.437 1996

G.418 1996 January (1).

G.419 1996 January (2).

G.420 1996 February (1).

G.421 1996 February (2).

G.422 1996 March (1).

G.423 1996 March (2).

G.424 1996 April.

G.425 1996 May (1).

G.426 1996 May (2).

G.427 1996 June (1).

G.428 1996 June (2).

Correspondence

G.429	1996 July.
G.430	1996 August.
G.431	1996 September.
G.432	1996 October.
G.433	1996 November (1).
G.434	1996 November (2).
G.435	1996 December (1).
G.436	1996 December (2).
G.437	1996 December (3).

G.438 CORRESPONDENCE WITH J.W. BRAY MP

1966

G.438 'Correspondence with Dr. J. Bray'. Contents of folder so inscribed. 1966.

J.W. Bray MP was Chairman of the Labour Party Science and Technology Group from 1964 to 1966 and Parliamentary Secretary in the Ministry of Power from 1966 to 1967.

Correspondence etc. *re* Report on Computers for Research and proposals for a National Data Processing Service; and correspondence *re* arrangements for meeting *re* provision for research in on-line computer process control. February-May 1966.

Correspondence

G.439-G.469

CORRESPONDENCE WITH LORD ROTHSCHILD

1972-1986

'Rothschild correspondence'. Contents of folder so inscribed: professional correspondence between Flowers and Lord Rothschild (Nathaniel Mayer Victor Rothschild, 3rd Baron).

Lord Rothschild frequently wrote to Flowers to seek advice on specific issues relating to nuclear and solar energy, scientific research in general and personal research interests.

During the period covered by the correspondence Lord Rothschild held the positions of Director General and First Permanent Under-Secretary of the Central Policy Review Staff in the Cabinet Office (1971-1974), Chairman of N.M. Rothschild & Sons (1975-1976) and Chairman of Rothschild's Continuation Ltd (1976-1988).

G.439

1972 January-July.

Correspondence *re* '45 different varieties of R & D' by Lord Rothschild; correspondence *re* Lighthill Report on Artificial Intelligence.

G.440

1972 August.

Correspondence *re* '45 different varieties of R & D' by Lord Rothschild including 11pp typescript draft.

G.441

1972 September, October.

Correspondence *re* Science Research Council Report, 1971-1972; etc.

G.442

1973 March-September.

Correspondence *re* report on the future of solar energy in the United Kingdom including 5pp typescript; correspondence *re* satellite power stations; etc.

G.443

1973 April.

Correspondence *re* proposed successors to Flowers as Chairman of the Science Research Council.

G.444

1973 March, November.

Correspondence *re* taxation of travel and subsistence allowances of Board and Committee members of the Science Research Council.

Correspondence

- G.445 1973 November, December.
- Correspondence *re* radioactive waste; correspondence *re* taxation of travel and subsistence allowances of Board and Committee members of the Science Research Council; etc.
- G.446 1974 January-July.
- 1p typescript proposals for an Advisory Council on Energy; correspondence *re* draft papers on radioactive waste sent to Flowers by Lord Rothschild; etc.
- G.447 1974 September -1975 January.
- Refereeing.
- G.448 1975 January.
- Correspondence *re* Central Policy Review Staff.
- G.449-G.451 1975 September, October.
- Correspondence and papers *re* a study of Klinokinesis by Lord Rothschild.
- Rothschild wrote to Flowers asking him to suggest a mathematician who could aid him with his study.
- 3 folders.
- G.452 1975 October -1976 April.
- Correspondence *re* arrangements for meeting with Lord Rothschild and S. Ramo; etc.
- G.453 1976 June.
- Refereeing.

Correspondence

- G.454 1976 June-August.
- Correspondence *re* Lord Rothschild's decision to resign as Chairman of N.M. Rothschild & Sons and to assume the Chairmanship of Rothschild's Continuation Ltd; Correspondence *re* *Nuclear Power and the Environment* Sixth Report of the Royal Commission on Environmental Pollution (HMSO 1976).
- G.455 1976 August, September.
- Correspondence etc *re* address by Sir Sam Edwards to the Parliamentary and Scientific Committee, *re* consequences and implications of the Rothschild Report.
- G.456 1976 October –1977 February.
- Correspondence *re* article *re* peaceful uses for plutonium; correspondence *re* published lecture by M. Benedict 'The case for nuclear power'; etc.
- G.457 1977 March-May.
- Correspondence *re* Commercial Fast Reactor I at Windscale and French developed nuclear fuels; etc.
- G.458 1978 February.
- Correspondence *re* water evaporation; correspondence *re* lecture by W. Marshall *re* plutonium given at Glasgow.
- G.459 1978 March.
- Correspondence *re* Lecture being prepared by Lord Rothschild *re* plutonium and nuclear energy.
- G.460 1978 June, July.
- Correspondence *re* data given in Table 8 of *Nuclear Power and the Environment* Sixth Report of the Royal Commission on Environmental Pollution (HMSO 1976).

Correspondence

- G.461 1978 June, July.
- Correspondence *re* arrangements for Lord Rothschild's Dinner, London, 19 July 1978 including 12pp typescript of speech by Lord Rothschild.
- G.462 1978 September.
- Correspondence *re* operational research aspects of combine harvester problem posed by Lord Rothschild.
- G.463 1978 October, November.
- Correspondence *re* 'Risk' by Lord Rothschild, the 1978 Richard Dimbleby Lecture; etc.
- G.464 1979 May, June.
- Recommendation.
- G.465 1980 January-November.
- Correspondence *re* arrangements for meeting; correspondence *re* safety aspects of Canadian Deuterium Uranium Reactors (CANDU Reactors).
- G.466 1981 March.
- Correspondence *re* proposal by Y. Ne'eman for a United Kingdom/Israeli Astronomical Observatory in Israel.
- G.467 1981 March-1982 February.
- Correspondence *re* Funding for St Cross College, Oxford; correspondence *re* Cartesian co-ordinates problem posed by Lord Rothschild; correspondence *re* definition of 'research'; correspondence *re* views of A. Ailberston on Social Science Research Council.
- G.468 1984 February-1985 October.
- Correspondence *re* queries from Lord Rothschild *re* gold and impurities in it, Dirac and the prediction of the existence of anti-matter; correspondence *re* request from Lord Rothschild to meet with a Number Theory specialist with whom he can discuss Primes.

Correspondence

G.469 1986 October, November.

Correspondence *re* proposal by M. Boxer of the Tatler Publishing Company Ltd for a feature on objects and people lost to Britain, including the brain drain issue; etc.

G.470-G.529 REFERENCES AND RECOMMENDATIONS 1959-1978

The material consists of references and recommendations by Flowers for persons proposed for honours and awards or for persons seeking appointments and grant aid.

G.470-G.528 'Confidential reports outside Dept.'. Contents of folder so inscribed. 1959-1967.

G.470 1959 January.

G.471 1959 May.

G.472 1960 May.

G.473 1960 June.

G.474 1960 September-November.

G.475 1960 December.

G.476 1961 January, February.

G.477 1961 February.

G.478 1961 July.

Correspondence

G.479	1961 September.
G.480	1961 November.
G.481	1961 December, 1962 January.
G.482	1962 February.
G.483	1962 May.
G.484	1962 August.
G.485	1963 March.
G.486	1963 October, November.
G.487	1964 February.
G.488	1964 February-April.
G.489	1964 March-May.
G.490	1964 April.
G.491	1964 May-October.
G.492	1964 May-July.
G.493	1964 June.

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G.494	1964 June-September.
G.495	1964 September, October.
G.496	1964 November, December.
G.497	1964 December, 1965 January.
G.498	1965 January.
G.499	1965 January, February.
G.500	1965 February.
G.501	1965 February, March.
G.502	1965 April.
G.503	1965 April, May.
G.504	1965 August, September.
G.505	1965 October-1966 January.
G.506	1965 October, November.
G.507	1965 November, December.
G.508	1965 November-1966 January.

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G.509	1965 December, 1966 January.
G.510	1966 January.
G.511	1966 February, March.
G.512	1966 April.
G.513	1966 April, May.
G.514	1966 May, June.
G.515	1966 June-September.
G.516	1966 June, July.
G.517	1966 July.
G.518	1966 July, August.
G.519	1966 August.
G.520	1966 November.
G.521	1966 December.
G.522	1966 December, 1967 January.
G.523	1967 January, February.

Correspondence

G.524 1967 February, March.

G.525 1967 March, April.

G.526 1967 April.

G.527 1967 May.

G.528 1967 June.

G.529 1978 August.