Catalogue of papers and correspondence of

JOSEPH NEEDHAM CH FRS

(1900 - 1995)

Material relating to Chemical and Biological Warfare

Compiled by Timothy E. Powell and Peter Harper

Deposited in the Department of Documents, Imperial War Museum, London

NCUACS 55/4/95

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LIST OF CONTENTS

	Page
INTRODUCTION	4
LIST OF PAPERS	7
INDEX OF CORRESPONDENTS	24

INTRODUCTION

PROVENANCE

The material was deposited in the Department of Documents, Imperial War Museum by Joseph Needham in 1992, as a result of arrangements made following an oral history interview in 1987. It was received for cataloguing from the Department of Documents in December 1993.

DESCRIPTION OF THE COLLECTION

The papers relate to Needham's service as a member of the World Peace Council sponsored 1952 International Scientific Commission investigating alleged United States use of bacteriological warfare in North Korea and north east China during the Korean War, and subsequent material relating to the findings of the Commission and to chemical and biological warfare (CBW) in general.

In early 1952 the governments of North Korea and the People's Republic of China claimed that the US was dropping infected insects and other material into their territory from the air in an effort to spread disease. Unwilling to accept investigation of these charges by the World Health Organisation or International Red Cross, the North Korean and Chinese authorities invited a commission from the International Association of Democratic Lawyers. This commission reported in March and April that they believed the charges to be true and accused the US of war crimes.

During his period in China as head of the Sino-British Science Co-operation Office, 1942-1946, Needham had been asked to investigate reports that the Japanese were using bacteriological weapons against Chinese civilian targets. He was persuaded by evidence from the Chinese Surgeon-General's office that the Japanese were engaged in bacteriological warfare and submitted a report to this effect. When the allegations of US use of bacteriological agents arose Needham believed that the US military could have been building on the Japanese experience with bacteriological warfare to which they would have had access during the occupation of Japan.

Needham was involved in organising a number of meetings to discuss the allegations and the findings of the International Association of Democratic Lawyers' commission and in April 1952 prepared a set of 'Notes on alleged Bacterial Warfare in Korea' indicating that he found the claims of the North Korean and Chinese authorities plausible. However, the commission's findings were widely regarded as suspect, in part because of the lack of scientific knowledge on the part of its

members. The Chinese and North Korean authorities therefore established an International Scientific Commission to add credibility to the investigation of its allegations. Needham was a member of this, receiving a formal invitation to P.R. China from the Academia Sinica.

The Scientific Commission, comprising seven scientists from Europe, USSR and Brazil was led by the Swedish scientist Andrea Andreen. It arrived in P.R. China in late June and continued its work through to September. On his return to Britain Needham held a press conference to report the Commission's findings and shortly thereafter the Commission's report was published. It concluded that the US was waging bacteriological warfare in North Korea and China, albeit not a great scale. The Commission's findings aroused great controversy. Needham spoke at many meetings, some organised by the Britain-China Friendship Association, to defend the Commission's work, and also was involved in a number of exchanges in the press. The controversy was reawakened when the US airmen who had testified to the use of bacteriological weapons withdrew their evidence on their release by North Korea.

In 1956 the editors of *China Monthly Review*, J.W. Powell, his wife S.C. Powell and J. Schuman were charged in the US with sedition. Amongst the seditious material said to have been published were the findings of the Commission. Needham and other members of the Commission wrote in support of the defendants against whom all charges were finally dropped in 1961.

Needham thereafter maintained an interest in the subject of CBW and from the late-1970s, after the passing of the Freedom of Information Act in the USA, evidence was released appearing to support the findings of the 1952 Commission.

The bulk of the papers relate to the 1952 allegations. There are correspondence and papers relating to the reception of the reports of the commission from the International Federation of Democratic Lawyers', the formation of the International Scientific Commission, and all stages of its work, including copies of evidence placed before the Commission and Needham's notes made during the Commission's enquiries. There is also extensive material relating to the reception of the Commission's Report in the UK and worldwide, including press-cuttings and correspondence with interested parties. Needham spoke at many meetings explaining the work of the Commission and defending its findings and these are documented here. There is also material covering the release of the US airmen and the doubt that their retractions of evidence given to the Scientific Commission seemed to throw on its findings.

The collection also includes correspondence and papers relating to the trial of J.W. Powell and his co-defendants and to Needham's efforts to enlist support for their case in the UK, press-cuttings and other background material on CBW assembled during the 1960s, relating in particular to the conflict

J. Needham NCUACS 55/4/95

in Vietnam, and correspondence from the late 1970s on arising from the renewed historical interest in the possible use of bacteriological weapons by the Japanese in the Second World War and by the

US in the Korean War.

Item 113 is an audio recording of Needham's account of his work on the Commission made for the

Imperial War Museum in 1987.

LOCATIONS OF OTHER MATERIAL

Books on CBW donated by Needham to the Imperial War Museum are held by the Museum's

Department of Printed Books.

The principal collection of the papers and correspondence of Joseph Needham is deposited in

Cambridge University Library. It is catalogued as NCUACS no. 54/3/95.

Where appropriate references have been given in the present catalogue to folder numbers of

complementary material in the papers deposited in Cambridge.

T.E. Powell

6

P. Harper

BATH 1995

LIST OF PAPERS

The material is arranged as follows:

1-113	International S	Scientific Commission
	1-12	Establishment of Commission
	13-54	Commission investigations
	55-113	Reception of the Commission report
114-122	Powell-Schum	nan case
123-153	Later CBW ma	aterial 1962-1989
	123-135	1960s
	136-140	1970s
	141-153	1980s

International Scientific Commission

Establishment of Commission

1-8	'Pre-Commission'. Contents of Needham's folder so inscribed divided into eight for ease of reference: papers <i>re</i> response to allegations of US use of bacteriological warfare and the findings of the commission of the International Association of Democratic Lawyers.
1	Joint Meeting of Britain-China Friendship Association (BCFA) and London Peace Council, London, 25 April 1952.
	Annotated agenda; manuscript notes; BCFA broadsheet 'America is using Germ Warfare'; letter arising.
2	Joint Meeting of national committees of Science for Peace and Medical Association for the Prevention of War, London, 28 April 1952. The meeting was addressed by J.D. Bernal.
	Includes letter <i>re</i> arrangements and 5pp typescript 'Bacteriological Warfare in Korea and China' by Bernal.
3	Invitation to British Peace Committee private discussion meeting on bacteriological warfare, London, 9 May 1952.
	Public Meeting organised by Cambridge Peace Front and BCFA on 'Is America using Germ Warfare?', Cambridge, 9 June 1952.
	Draft resolution, with covering letter; poster; hand-bill.
4	Manuscript and typescript drafts of Needham's 'Notes on alleged Bacterial Warfare in Korea'; duplicated typescript copy, 27 April 1952.
5	Press-cuttings on the alleged use of bacteriological warfare.
6	Press-releases and publicity material of New China News Agency.
7, 8	Other printed and typescript background material. 2 folders.

J. Needha	am
NCUACS	55/4/95

9	Copy of International Association of Democratic Lawyers' commission Reports on Investigations in Korea and China March-April 1952.
10-12	'A Formation of Commission'. Contents of Needham's folder so inscribed divided into three for ease of reference.
10	Correspondence <i>re</i> need for scientific investigation of Chinese claims and <i>re</i> possible membership of a scientific commission, April-May 1952.
11	Correspondence re Needham's visit to P.R. China, June 1952.
12	Miscellaneous material. Includes typescript of letter to Dorothy Needham (wife) with account of his likely movements in China, and material <i>re</i> preparation of joint statement by members of the Commission explaining the limits of their professional competence.
	Commission investigations
13-16	'A1 Queries and Comments Background material'. Contents of Needham's folder so inscribed divided into four for ease of reference.
13-16	
	Needham's folder so inscribed divided into four for ease of reference. 'Documents (first series) given for reproduction in Fr, [Chinese] and Russ',
	Needham's folder so inscribed divided into four for ease of reference. 'Documents (first series) given for reproduction in Fr, [Chinese] and Russ', 23 June 1952. Includes reports of meetings of joint subcommittee of Science for Peace and Medical Association for the Prevention of Warfare to consider the allegations, 5 May and 10 May; and 'critical comments' by J. H. Humphrey
13	Needham's folder so inscribed divided into four for ease of reference. 'Documents (first series) given for reproduction in Fr, [Chinese] and Russ', 23 June 1952. Includes reports of meetings of joint subcommittee of Science for Peace and Medical Association for the Prevention of Warfare to consider the allegations, 5 May and 10 May; and 'critical comments' by J. H. Humphrey and W. H. Thorpe. 'Comment and summary (by a scientist March 16, 1952)', 2pp typescript; 'An investigation to determine whether the flies naturally occurring in Shenyang city carry intestinal pathogenic bacteria and <i>B. Anthracis</i> ', 5pp duplicated typescript, July and August 1952; 'The vector-borne infections', 8pp

J. Needha	am
NCUACS	55/4/95

17-19 'A2 Documents of Commission'. Contents of Needham's folder so inscribed divided into three for ease of reference.

17, 18 Duplicated typescript reports of meetings 1-17 of the Commission, 23 June - 19 July 1952. Needham attended from the second meeting.

Typescript biographical notes on S.B. Pessôa, Commission member; manuscript notes for Needham's 'Dinner spch at Mukden 1st night'.

'B Prague documents and their analysis'. Contents of Needham's folder so inscribed divided into four for ease of reference: typescript and manuscript notes on evidence for bacteriological warfare, and duplicated typescript World Peace Council 'Documentation on Bacteriological Warfare' bulletins and reports on alleged incidents from Chinese government agencies, some annotated by Needham.

Retained in original order.

The 'Prague documents' were statements, reports, scientific data and other evidence that had been assembled by earlier investigations into allegations of the use of bacteriological weapons. They were so-called because they were disseminated through Prague. The documents bore the code SIA. The Scientific Commission, to identify the evidence it gathered, used the code ISC.

'B Four Zero series'. Contents of Needham's folder so inscribed divided into four for ease of reference: duplicated typescript reports on cases of alleged use of bacteriological warfare, some annotated by Needham, with accompanying photographs of evidence.

The 'Four Zero series' was a sequence of cases from alleged incidents in north east China, numbered 00001 - 00010.

'B1 Additional Releases mainly non-scientific'. Contents of Needham's folder so inscribed: World Peace Council 'Documentation on Bacteriological Warfare' bulletins; press-cuttings.

'B2 Plague Kan-Nan'. Contents of Needham's folder so inscribed divided into two for ease of reference: typescript report (2 copies) of incident of plague at Kan-Nan, extensively annotated by Needham; manuscript and typescript notes; etc.

The Commission visited Kan-Nan on 14 July 1952.

24-27

19

20-23

28

29, 30

J. Needha	am
NCUACS	55/4/95

31, 32	'B3 Containers of K'uan-Tien Burchett Ch'ang-Pai Pilots'. Contents of Needham's folder so inscribed divided into two for ease of reference: typescript and manuscript notes, photographs etc on types of canisters and bombs described in the incidents; notes on case of American POW allegedly infected by germ-carrying insect.
33	'B4 Anthrax'. Contents of Needham's folder so inscribed: 14pp typescript 'Commentary on the incidents in Liaotung province connected with the dissemination of anthrax and cases arising therefrom'; manuscript and typescript notes.
34	'B5 Encephalitis'. Contents of Needham's folder so inscribed: manuscript and typescript notes, including incomplete typescript 'Commentary on the cases of a new form of encephalitis occurring at Shenyang (Mukden) after American air intrusions'.
35, 36	'B6 Phytopathol.'. Contents of Needham's folder so inscribed divided into two for ease of reference.
35	Duplicated typescript reports on cases of alleged dispersal of fungus-laden plant material by US air force, with accompanying photographs of evidence.
36	Manuscript and typescript notes.
36	Manuscript and typescript notes. 'C1 Korea general'. Contents of Needham's folder so inscribed: typescript 'Questions addressed to the (North) Korean Minister of Health', 30 July 1952, with replies; manuscript draft of 'Questions' in French; manuscript notes.
	'C1 Korea general'. Contents of Needham's folder so inscribed: typescript 'Questions addressed to the (North) Korean Minister of Health', 30 July 1952, with replies; manuscript draft of 'Questions' in French; manuscript
37	'C1 Korea general'. Contents of Needham's folder so inscribed: typescript 'Questions addressed to the (North) Korean Minister of Health', 30 July 1952, with replies; manuscript draft of 'Questions' in French; manuscript notes. 'C2 Korea Cholera etc'. Contents of Needham's folder so inscribed:

41-45	'C5 Korea pilots'. Contents of Needham's folder so inscribed divided into five for ease of reference.
	The Chinese and North Korean allegations were supported by the confessions of captured US airmen. These were subsequently retracted, see 106-112 below.
41	Letter from S.W. Green, Cambridge Peace Front, <i>re</i> importance of Westerners being allowed to interview captured airmen, 25 July 1952; 'Notes on interviews with four captured American airmen', 15pp typescript; manuscript notes.
42	World Peace Council 'Documentation on Bacteriological Warfare' bulletins on confessions of US pilots, May - June 1952.
43, 44	Press-release supplements of the New China News Agency reporting the statements and 'interrogation' of the airmen by the Scientific Commission, September 1952. 2 folders.
45	Photographs of written testimony by US airmen; printed material.
46, 47	'D Exhibitions'. Contents of Needham's folder so inscribed divided into two for ease of reference.
46	Manuscript notes on and bibliography from 'BW exhibn' at Shenyang.
47	Brochure for 'Exhibition on Bacteriological War Crimes committed by the Government of the United States of America', Peking, 1952.
48-50	'E Report'. Contents of Needham's folder so inscribed divided into three for ease of reference: typescript drafts of sections of the Scientific Commission's report, with Needham's manuscript annotations and corrections.
51	'Selected papers from ISC files'. Contents of Needham's folder so inscribed: miscellaneous manuscript and typescript notes; press-cuttings etc.

57

Chinese material re hygiene measures: three illustrated booklets 'The Health 52 of the Village', 'The Happiness of the Farmer' and 'Crush the American Bacterial Warfare'; 10pp typescript, 'Some aspects of the Patriotic Health and Sanitation Campaign'. Report of the International Scientific Commission for the Investigation of the 53 Facts concerning Bacterial Warfare in Korea and China (with appendices), Peking, 1952. French version of the Report. 54 Reception of the Commission's Report 'Press conference'. Contents of Needham's folder so inscribed divided into 55-58 five for ease of reference. On his return from the Commission, prior to publication of the report, Needham held a press conference in London on 26 September 1952. 6pp duplicated typescript of Needham's statement, with manuscript 55 corrections: insertions for the statement and transcript of Needham's replies to questions; duplicated typescript copy of letter to Press Association listing other scientists who had been invited to China to investigate the claims. See 65 below. Needham's duplicated typescript copies of material relating to the reception 56, 57 of the Commission's report, October 1952 - March 1953. Correspondence appearing in The Times, re the Commission's report, 3-29 56 October 1952. See 86, 87 below. Correspondence arising with Chairman of the Eastern Region of the United Nations Association, and resolution of executive committee, objecting to Needham writing to the press in his capacity as a Vice President of the Eastern Regional Council of the Association, November 1952. See 86 below.

Parliamentary debates and questions; correspondence arising with J.B.

White MP, December 1952 - March 1953. See 67 below.

J. Needham
NCUACS 55/4/95

58	Summary booklet of Report of the International Scientific Commission for the Investigation of the Facts concerning Bacterial Warfare in Korea and China; manuscript notes etc.
59-64	'Distribution'. Contents of Needham's folder so inscribed divided into six for ease of reference: correspondence <i>re</i> distribution of the report, including requests for copies, and lists of those to whom the report was to be sent.
59-62	Correspondence, July 1952 - February 1953.
59	1952 July, September.
60	1952 October.
61	1952 November.
62	1952 December, 1953 January - February.
63	Manuscript lists and notes of those requesting the report.
64	Typescript lists of those to receive the report.
65	'British scientists approached'. Contents of Needham's folder so inscribed: list of and correspondence with other scientists approached by the Chinese authorities to join the Commission.
	Needham was accused of being asked by the Chinese authorities to join the Commission less for his scientific expertise than for his Communist sympathies. Needham was able to show that other British scientists without such political affiliations had been approached by the Chinese but had felt unable to join the Commission. See 55 above.
66-74	Contents of Needham's untitled folder divided into nine for ease of reference: papers arising from Commission.
66-70	Correspondence, September 1952 - March 1954.

1952 September - December. Chiefly re parliamentary exchange between 66 S.O. Davies MP and A. Nutting MP, Under Secretary of State for Foreign Affairs Includes Needham's letter to Davies, refuting statement made by Nutting in reply to question by Davies. 1952 December - 1953 March. Correspondence with J.B. White MP, and 67 with Hewlett Johnson, Dean of Canterbury, re White's letters; manuscript list of recipients. Needham produced duplicated typescript copies of the correspondence for circulation. See 57 above. 1953 January, February. Includes 'Memorandum by a British scientist...The 68 alleged B.W. incident at Changteh', 25 March 1942, sent to Needham by Foreign Office at his request, and correspondence re invitations to speak on biological warfare. 1953 March - June. Chiefly re invitations to speak on biological warfare. 69 70 1953 July - 1954 March. Needham's manuscript notes on visit to Emergency Medical Service 71 Training School, Kweiyang, recording his observations on Japanese use of bacteriological warfare. From 1942 to 1945 Needham was head of the Sino-British Science Cooperation Office, based in Chungking. He visited many Chinese research establishments and kept the rough notes he made during these visits in a numbered sequence; the notes found here being numbered '153'. The main sequence is to be found at NCUACS 54/3/95, C.57-C.69. Needham's manuscript notes on Ishii Shiro, Japanese World War Two expert on bacteriological warfare, said to be involved in alleged US use of bacteriological warfare in Korea. Press-cuttings on bacteriological warfare allegations and accusations of 72 Chinese torture of UN POWs. Depositions of Nineteen Captured U.S. Airmen on their Participation in Germ 73

Warfare in Korea, Peking, 1953.

74	Miscellaneous printed and duplicated typescript material.
75-84	'BW after return finished'. Contents of Needham's folder so inscribed divided into ten for ease of reference: chiefly invitations and correspondence re arrangements for lectures on bacteriological warfare in Korea and China, September 1952 - March 1953.
75	Correspondence, September - October 1952. Includes letters and telegrams of appreciation for Needham's work on the Scientific Commission.
76	Correspondence, November 1952 - February 1953.
77-84	Invitations to lecture and correspondence re arrangements:
77	Central Union of Chinese Students, London, 4 October.
	Staff of New Statesman and Nation, London, 6 October.
	Association of Scientific Workers, National Institute for Medical Research, London, 13 October.
	London School of Economics Socialist Society, 15 October.
	Wembley Peace Council, Wembley, Middlesex, 1 November (declined).
78	Cambridge University ?Socialist Club, 6 or 7 November (declined).
	Fabian Society Weekend School, Dorking, Surrey, 7-9 November (declined).
	Birkbeck College London branch Science for Peace, 7 November.
	University College London biologists, 7 November.
	Fleet Street Forum, London, 7 November.
79	Association of Scientific Workers Executive Committee, London, 8 November.
	Students' Union, Reading University, 11 November (declined).
	Socialist Medical Association, London, 18 November.
	Britain-China Friendship Association, Cambridge Peace Front etc, Cambridge, 25 November.

J.	Needha	am
N	CUACS	55/4/95

80	Bristol University Socialist Society, 28 November (declined).	
	Cambridge Heretics, 30 November.	
	Leeds University Socialist Society, November (declined).	
	Congress of Peoples for Peace, Vienna, 12 December (declined).	
81	Lecture tour of Glasgow, 15 December, Edinburgh, 16 December, Manchester, 17 December and Birmingham, 18 December.	
82	Association of Scientific Workers London Area, 19 January.	
	Socialist Medical Association South West Essex branch, Ilford, 9 February.	
	South Place Ethical Society, London, 17 February.	
	Queen Mary College London Science for Peace Society, 18 February.	
83	Association of Scientific Workers North West branch, and Manchester University Socialist Society (declined), 19 February.	
	Ipswich Peace Council, 21 February.	
	Bristol University Science Faculty Society, February (declined).	
	Imperial College London branch Science for Peace, 3 March.	
84	Invitations to visit France to speak on bacteriological warfare.	
85-93	'Current'. Contents of Needham's folder so inscribed divided into nine for ease of reference: correspondence and papers <i>re</i> reception of the report.	
85	Cuttings from <i>Daily Worker</i> , 22 September 1952, featuring Needham's return to the UK from China, and the work of the Commission; correspondence arising; 10pp duplicated typescript 'A note upon the Chinese allegations that the United States are employing Germ Warfare in Korea and N.E. China' by G. Bing MP, 26 September 1952; Britain-China Friendship Association Newsletter, September.	
86	Correspondence with United Nations Association and English-Speaking Union <i>re</i> findings of Commission and letters to <i>The Times</i> , October - November 1952. See 56 above.	

87	Correspondence, October 1952, chiefly <i>re</i> response of Needham and others to letter in <i>The Times</i> from Sir Henry Dale and Sir Robert Robinson, Past Presidents of the Royal Society, on the Commission's investigations. Includes drafts of letters of reply to <i>The Times</i> .
88	Correspondence and papers, November 1952 - February 1953. Includes material <i>re</i> response of Science for Peace to Commission's findings, and public meeting in Birmingham, 18 December. See 81 above.
89	Needham's manuscript notes on possible replies to criticisms of the Report, etc.
90	Press-releases of New China News Agency.
91	Press-cuttings and miscellaneous material.
92, 93	Background information on spread and control of infectious disease. 2 folders.
94-101	'Press cuttings since return'. Contents of Needham's folder so inscribed divided into eight for ease of reference: press-cuttings and press-releases.
102-105	Contents of Needham's untitled folder divided into four for ease of reference.
102	Défense de La Paix 17 (October 1952), with interview with Needham re the findings of the Commission; pamphlet The Communists' New Weapon - Germ Warfare by J. Clews, London, 1952.
103	Correspondence, August 1953 - August 1954, <i>re</i> the case of R. Brun, a Swiss scientist criticised by the Swiss press for support of the findings of the Commission; correspondence, 1956, chiefly <i>re</i> charges in USA against J.W. and S.C. Powell and J. Schuman, editors of <i>China Monthly Review</i> . See 114-121 below.

104, 105	Duplicated typescript 'Documents lent to Science for Peace', 1953. 2 folders.
106-112	'Repatriation Flare-up Nov/Dec 1953'. Contents of Needham's folder so inscribed divided into seven for ease of reference.
	In autumn 1953 the North Koreans, in accordance with the terms of armistice with the UN forces, released POWs. These included the captured US airmen who had given testimonies to their North Korean captors and to the Commission in support of the allegations of bacteriological warfare. On their release they withdrew their testimony, claiming the Communists had placed them under mental and physical duress. This threw doubt on the Commission's Report but Needham insisted that the Commission had not relied on the testimony of the POWs in their case. See 41-45 above.
106	Correspondence, April - October 1953.
107	Correspondence, November 1953. Includes drafts of letters to the press by Needham and others, defending the work of the Commission.
108	Correspondence, December 1953 - March 1954. Chiefly letters to the <i>New Statesman and Nation</i> , December 1953.
109	Manuscript notes on speech of Selwyn Lloyd MP, Foreign Secretary, to United Nations, 28 October 1953, attacking the Commission's report; miscellaneous typescript material.
110, 111	Press-releases of New China News Agency. 2 folders.
112	Press-cuttings.
113	Audio-tape cassette of Needham's recollections of the work of the International Commission.

115

116

117

118

119

120

121

122

Powell-Schuman case

'Powell case'. Contents of Needham's folder so inscribed divided into eight for ease of reference.

J.W. Powell, his wife Sylvia C. Powell and J. Schuman were editors of *China Monthly Review*. In 1956 J.W. Powell was charged with sedition and his wife and J. Schuman of conspiracy. Amongst the seditious material said to have been published in *China Monthly Review* were reports alleging use of bacteriological warfare by the US. Needham was asked to support the defence case by testifying at the trial. He was unable to do so but sent a letter in support and was active in enlisting support for the defendants in the UK. In 1959 the judge declared a mistrial but the prosecution then filed charges of treason. In 1961 all charges were dropped. See also 103 above.

The material is chiefly correspondence and papers *re* the progress of the trial, including circular letters of the Committee of Friends of the China Monthly Review for the Defence of its Editors.

114	1956 (1).	Copy of Indictment.

1956 (2). Correspondence re enlisting support for the defendants.

1957 January - May. Includes Needham's manuscript notes of conversation with A.L. Wirin, a lawyer for the defendants, *re* progress of the trial, 2 May.

Copies of articles by Tibor Meray from newspaper *Franc-Tireur*, May 1957, *re* allegations of bacteriological warfare

1957 June - December. Includes material re R. Brun. See 103 above.

1958, 1959. Includes material re mistrial and new charges of treason.

1960, 1961, nd. Includes statements by J.W. Powell.

Press-cuttings and other background information.

Correspondence re biological warfare research at Dugdale, Utah, 1957.

Later CBW material 1962-1989

1960s

123	Correspondence 1962, 1963. Includes requests from Hewlett Johnson, Dean of Canterbury for information in preparation for TV programme, and from P.D. Goodstein for discussion on chemical and biological weapons, with Needham's manuscript notes arising.
124-127	Correspondence with and re S. Buckingham, 1965-1969.
	Sue Buckingham was a member of the US organisation Physicians for Social Responsibility gathering material on CBW.
124	Correspondence, 1965-1968, and obituary 1969.
125-127	Photocopies of articles on CBW sent to Needham by Buckingham. 3 folders.
128	Correspondence, 1966-1967. Includes correspondence <i>re</i> arrangements for talk on CBW to Cambridge University CND, 9 May 1967.
129	Correspondence with British Broadcasting Corporation <i>re</i> contribution to 'Horizon' programme on CBW, 1967.
	Includes 16pp typescript 'Chemical and bacteriological warfare' prepared by Needham for the programme but not used.
130	Correspondence, 1968-1970. Includes invitations to give talks on CBW and material <i>re</i> J. D. Bernal Peace Library Conference on Chemical and Biological Warfare, 22-23 February 1968.
131	Press-cuttings etc re UK CBW research establishment at Porton Down.
132	Manuscript notes and printed material re possible use of CBW in Vietnam.
133-135	Miscellaneous printed background material. 3 folders.

1970s

136	Material <i>re</i> death of Andrea Andreen, 1972. Andreen was chair of the 1952 Scientific Commission.
137	Correspondence, 1976-1977.
138	Correspondence from J. van Ginneken, 1977-1978, re 1952 Commission. Includes 29pp typescript draft 'Bacterial Warfare: was it employed or wasn't it?' by van Ginneken.
139	Correspondence, 1978-1979. Includes 39pp typescript of 'Germ Warfare and "Plausible Denial" in the Korean War 1952-53' by S.L. Endicott with invitation to Needham to write a comment to be published with the article in <i>Modern China</i> .
	1980s
140	Correspondence, 1980, chiefly with J.W. Powell <i>re</i> re-opening of investigations into US and Japanese use of bacteriological warfare.
141	Correspondence and papers, 1981, chiefly <i>re</i> 'Appeal against an escalating chemical arms race in Europe'.
142	Papers by E. Broda, sent to Needham 1981.
143	'Jon Halliday material Spring 1984'. Contents of Needham's folder so inscribed: correspondence and photocopies of background material.
	Halliday was a researcher studying the work of the 1952 Commission.
144	Correspondence, August - September 1984, re possible TV programme on the Korean war.
145	Correspondence and papers, November - December 1984, re BBC TV 'Horizon' programme 'Biology at War: a plague in the Wind', broadcast 29 October. Includes post production script.

J. Needham NCUACS 55/4/95

146	Correspondence and papers, 1985-1986. Chiefly re 1952 Commission.	
147	Correspondence, 1987. Includes correspondence with Imperial War Museum <i>re</i> Needham's CBW papers.	
148	Correspondence, 1988.	
149	Correspondence, 1989, re N.H.K. [Japan Broadcasting Corporation] TV programme on bacteriological warfare, with particular relation to World War Two and the Korean War. Needham provided information and was interviewed for the programme.	
150	Press-cuttings.	
151-153	Miscellaneous background material. 3 folders.	

Index of correspondents

ADRIAN, Edgar Douglas, Baron	11
AIREY, Willis	70
ALEXANDER, William M.	61
ALLARD, A., Baron	76
ALLEY, Rewi	115, 116, 119
ANDREEN, Andrea	70, 75, 76, 88, 103 106, 107, 115, 116 See also 136
APRAHAMIAN, Francis	2, 65, 87, 88, 109
ARNOTT, D. G.	61, 119
ARUP, Jens	80
ASSOCIATION OF SCIENTIFIC WORKERS	79, 81-83
AUSTIN, Warren R.	10
AZZALINI, Aldo F.	70
BAILEY, Sydney D.	59, 60, 76
BALDWIN, Robert L.	60, 61
BARNETT, S. A.	69
BARRETT, John F.	59
BENNO SCHWABE & CO.	61
BERNAL, John Desmond	11, 87
BIQUARD, Pierre	10, 84
BIRMINGHAM UNIVERSITY GUILD OF UNDERGRADUATES	130
BOUCHER, J. P.	61
BOURGUIGNON, Georges	84
BOWDEN, Frank Philip	11
BRAY, R. S.	88

BRISTOL UNIVERSITY SCIENCE FACULTY SOCIETY	83
BRISTOL UNIVERSITY SOCIALIST SOCIETY	80
BRITAIN-CHINA FRIENDSHIP ASSOCIATION	11, 55, 61, 62, 65, 66, 77-83, 88, 115 See also 1
BRITISH BROADCASTING CORPORATION	129, 145
BRITISH MEDICAL JOURNAL	66
BRITISH PEACE COMMITTEE	3
BRUN, Rudolf	See 103, 118
BRUNT, Martin	60, 66
BRYAN, Derek	115, 116
BRYAN, Hung-Ying	75
BUCKINGHAM, Sue	124
BULLETIN OF THE ATOMIC SCIENTISTS	60
BURCHETT, Wilfred	130
BURHOP, Eric Henry Stoneley	128
CADOGAN, Peter W.	128
CALLARD, Patrick	60
CAMBRIDGE PEACE FRONT	3, 41, 75, 79
CAMBRIDGE UNIVERSITY CAMPAIGN FOR NUCLEAR DISARMAMENT	128
CASTLE, William B.	60
CENTRAL UNION OF CHINESE STUDENTS	77
CHAIN, Sir Ernst (Boris)	60
CHAPMAN, J. M.	60
CHAPPLE, Alton R. F.	69, 70
CHARLES, Rev. Edward	130
CHEN Minzheng	148
CLARK, F. W.	61

CLARKE, Dorothy	59
CLAYSON, D. H. F.	60
CLEWS, J. C.	60
COHEN, J. A.	106
CROOK, Eric M.	76
CRUIKSHANK, M. M.	60, 61, 76
DAILY WORKER	85
DAVIES, Stephen Owen, MP	66
DAVIS, Forest K.	123
DAVIS, Guy	60
DONE, E. A.	70
DRIBBON, Jack	11, 55, 61, 62, 65, 66, 77-83, 88, 103 122
DUCKWORTH, W. L. H.	61
EASTERN WORLD	75
ELLIS, J.	60
ENDICOTT, Rev. James G.	115
ENDICOTT, Stephen L.	137 See also 139
ENGLISH-SPEAKING UNION	86
'ESPINASSE, Paul Gilbert	60
EVANS, E. S.	60
EVANS, Gordon	86
EVANS, Rev. Stanley G.	115
FABIAN SOCIETY	78
FEDERATION OF AMERICAN SCIENTISTS	59
FERRY, W. H.	137
FISK, Alfred G.	106-108

FLEAR, Cecil	60
FOGGITT, C. H.	61
FOREIGN OFFICE	68
FREETH, Francis Arthur	60, 61
FREMLIN, John Heaver	81
FULLER, Archibald	86
GASTER, Jack	144
GITTINGS, John	137
GOODSTEIN, Peter D.	123
GORDON, A. Hugh	66, 76, 107
GRANADA TELEVISION LIMITED	128
GREEN, S. W.	41, 75, 79, 108
GREGORY, F. A.	107
GRUNDFEST, Harry	61
HACKETT, David P.	60, 61
HALDANE, John Burdon Sanderson	85
HALLIDAY, Jon	143, 146, 148
HAUDRICOURT, André	84
HELE, M. P.	75
HILL, D. G.	60
HILL, Marjory	75
HILLABY, John D.	68
HILTON, Margaret	81, 88
HINSHELWOOD, Sir Cyril (Norman)	11
HINTON, Howard Everest	65
HIRST, L. Fabian	60, 88
HORTH, James R.	60, 61, 76, 82, 106
HOWARD, Evelyn	59

HUAN Hsiang	116
HUMPHREY, John Herbert	13, 61, 70, 77, 87, 107, 108
HUMPHREYS, Dorothy	86
IGARASHI, Kyohei	149
IMPERIAL COLLEGE LONDON SCIENCE FOR PEACE	83
IMPERIAL WAR MUSEUM	60, 61, 147
JACKSON, F. L.	88
JEWELL, Peter	61
JOHNSON, C. G.	65
JOHNSON, Very Rev. Hewlett	67, 106, 107, 123
JOHNSON, Paul B.	61
JOLIOT-CURIE, Frédéric	10, 80
KEAN, J. E.	76
KING, Alexander	11
KIRBY, Diane	147
KLEINMAN, Arthur	146
KRAUS, Frederick W.	60
KUO Mo-Jo	11
LABOUR MONTHLY	119
LANDMAN, J.	60
LAMPARD, M. E.	59
LATHE, Grant Henry	70
LEEDS UNIVERSITY SOCIALIST SOCIETY	80
LU Gwei-Djen	11
LYNE, L. O., Major-General	86

McDERMOTT, Jeanne	146
McFARLANE, A. M.	61
MAJID, Kamal	148
MALTERRE, Jean	103, 107, 120
MANCHESTER UNIVERSITY SOCIALIST SOCIETY	81, 83
MANTON, Sidnie Milana	62
MARTIN, Kingsley	10, 77, 115
MASLIN, David	128
MEDICAL ASSOCIATION FOR THE PREVENTION OF WAR	68, 69
MELLANBY, Kenneth	60
MESTITZ, P.	60
MILLER, H.	60
MILNE, Alec	65
MIRSKY, Jonathan	146
MITCHELL, Rt. Rev. Walter	69, 70
MITCHISON, Denis Anthony	65
MODERN CHINA	139
MOORE, W. Harvey	60, 61
MURRELL, Stanley	78
NEEDHAM, Dorothy Mary Moyle	11, 12, 62, 75
NEW BLACKFRIARS	130
NEW STATESMAN AND NATION	10, 77, 107, 108, 115
NEWTH, David Richmond	107
NEW WORLD REVIEW	61, 76
NIPPON HOSO KYOKAI (JAPAN BROADCASTING CORPORATION)	149
NORTH AND WEST WILTSHIRE PEACE COMMITTEE	69

NOTTINGHAM, Judith	130
OFFORD, Albert Cyril	78
OLIVO, Oliveiro	103
OWEN, Bernard	1, 75
PEACE NEWS	66-68, 106
PESSÔA, Samuel Barnsley	103, 115, 116 See also 19
PFEIFFER, E. W.	122
PIRIE, Norman Wingate ('Bill')	65, 69, 106, 107
POWELL, John W.	137, 140, 148 See also 103, 114- 122
PRATT, Sir John (Thomas)	10, 76, 88
PRICE, R. F.	62
PRITT, D. N.	87, 115
PROGRESSIVE BUSINESS MEN'S FORUM	66, 68, 106
PURCELL, Victor	11, 88, 108
QUEEN MARY COLLEGE SCIENCE FOR PEACE SOCIETY	82
RAJCHMAN, Ludwik	84
READING CO-ORDINATING COMMITTEE FOR INTERNATIONAL UNDERSTANDING	130
REID, Charles	76, 87
RITCHIE-CALDER, Peter Ritchie, Baron	78
ROBERTS, Jacob D.	60
RODGERS, William Thomas, Baron	78
ROOSEBOOM, Maria	108
ROSE, Steven P. R.	141

ROSS, D. M.	78, 108
ROYAL SOCIETY	61, 76
ROYAL SOCIETY OF MEDICINE	61
RUSSELL, Dora Winifred, Lady	145
RYLE, Anthony	60, 68, 69
SACKLEY, Ralph R.	61
SAVILLE, John	147
SCIENCE FOR PEACE	2, 66, 75, 76, 88, 107, 108
SCIENCE JOURNAL	132
SELIGMAN, G.	60
SHEN Chih-I.	36
SIMMONS, Robert	130
SMITH, Sydney	75
SOCIALIST MEDICAL ASSOCIATION	79, 82
SOKHEY, Sir Sahib Singh	10, 11
SOUTH PLACE ETHICAL SOCIETY	82
STEVENS, C. C.	60
THORPE, William Homan	44.40
	11, 13
THE TIMES	86, 87, 106, 107
TOWNSEND, Peter	137
TRAUB, E.	59
TSIEN San-Tsiang	10, 11
TSUNEISHI, Kei-ichi	139, 148
TUNSTALL, Julian	75
TVEIT, Martin	61
UNITED NATIONS ASSOCIATION	62, 86

VAN GINNEKEN, Jaap	138
VAN HEYNINGEN, William Edward ('Kits')	10, 65
VAN NESS, Peter	139
WALKER, Doris Brin	115, 116, 118-120
WARREN, Susan	61
WEMBLEY PEACE COUNCIL	77
WHITAKER, lan	60
WHITE, John Baker, MP	67
WIGGLESWORTH, Sir Vincent (Brian)	10, 11, 88
WILKINS, Maurice Hugh Frederick	131
WINT, Guy	11
WOMEN'S INTERNATIONAL LEAGUE FOR PEACE AND FREEDOM	130
WOOSTER, W. A. ('Peter')	75, 79
WORLD COUNCIL OF PEACE	60, 61, 75
WU Lien-Teh	103
YOUNG, Amicia Melland	76
YOUNG, Sir Frank (George)	11
YUDKIN, Simon	69