

INDEX

January-December, 1972

- Accident trends p. 67
- Activation Analysis p. 55
course on p. 52
- Advanced Gas-cooled Reactors (A.G.R.) p. 186
electricity generated p. 195
under construction p. 56 p. 130
- A.E.R.E., *see* Atomic Energy Research Establishment, Harwell
- A.G.R., *see* Advanced Gas-cooled Reactors
- Aircraft accidents pp. 68-69
- Aiton & Co.
Dungeness plant p. 134
Gibraltar desalination plant p. 19 p. 84 p. 135
- Aldermaston, *see* Atomic Weapons Research Establishment
- Amersham Buchler GmbH p. 207
- Analytical Research and Development Unit, Harwell p. 203
- Anglo-Canadian collaboration p. 146 p. 163
- Aqueous effluents p. 63
- Arc discharge apparatus p. 94
- Ariel III p. 116
- Atmospheric pollution p. 31 p. 80 p. 130
- Atomic Energy Establishment, Winfrith
condenser test rig p. 140
Flowmedia rig p. 204
I.A.E.A. meeting at Mozart assembly and S.M.R. p. 54 p. 144 p. 17
- Atomic Energy Research Establishment, Harwell
air monitoring in Wales p. 31
Analytical R. & D. Unit computers p. 203 p. 16 p. 93
at Copenhagen exhibition p. 127
course for BP p. 183
course on toxic wastes p. 175
Education Centre p. 6 p. 18 p. 222
environmental sampling p. 80
fleet scheduling program p. 15
groundwater tracing service pp. 178-180
Heat Transfer and Fluid Flow Service p. 203
industrial research programme pp. 42-49
industrial waste assessment p. 93
neutron systems p. 94
plasma arc welding programmes p. 55 p. 187
reduction in staff pp. 44-45
river flow studies p. 5
silt tracing service p. 55
Solid State Instruments Group and Teesside pollution p. 144 p. 130
200,000 lbf/in² test facility pp. 32-39
Variable Energy Cyclotron (V.E.C.) p. 220
waste disposal services p. 3-6
- Atomic Weapons Research Establishment, Aldermaston
civil projects p. 49
optical ore sorter p. 52
transfer to MOD p. 130 p. 188
- B-scan p. 1 p. 98
- Barcelona International Samples Fair p. 143
- Barnett, Sir Denis p. 129
- Belgium p. 1
- Berkeley nuclear power station
effluents discharged p. 63
electricity generated p. 56
- Black Arrow Satellite p. 117
- Blacknest Production Control Group p. 204
- B.N.D.C., *see* British Nuclear Design & Construction Ltd.
- B.N.E.S., *see* British Nuclear Energy Society
- B.N.F.L., *see* British Nuclear Fuels Ltd.
- Boiling Water Reactors p. 1
- Bomford, K. D., *O.B.E.* p. 18
- Borssele nuclear power station p. 98
- Bowers, J. A., *M.B.E.* p. 18
- Bowie, Dr. S. H. U. p. 222
- BR3 reactor, Mol p. 110-115
- Bradwell nuclear power station
effluents discharged p. 63
electricity generated p. 56
- British Institute of Management p. 81
- British Nuclear Design & Construction Ltd. (B.N.D.C.) p. 221
pressure vessel for Schmehausen p. 20
- British Nuclear Energy Society (B.N.E.S.)
lectures and conferences p. 51 p. 83 p. 104 p. 146 p. 204 p. 221
- British Nuclear Fuels Ltd. (B.N.F.L.) p. 50 p. 187 p. 207 p. 163 p. 177 p. 57 p. 16 p. 70 p. 148 p. 183
- First annual report and Nuclear Transport Ltd. Windscale Works Work Study School* p. 16 p. 70 p. 148 p. 183
- British Petroleum (BP) p. 212
- British Standards Institution
hazards from lasers p. 212
non-ionizing radiation symbol p. 53
- B.W.R., *see* Boiling Water Reactors
- Calder Hall nuclear power station p. 186
electricity generated p. 56
- Cambridge radio telescope p. 205
- Cameras
for reactor vessel inspection pp. 110-112
- Canada p. 146
- CANDU p. 146

- Carbon fibres p. 82
- Cavendish Laboratory p. 156
- radio telescope* p. 205
- Cement and concrete p. 158
- CENTEC p. 196
- p. 207
- Central Electricity Generating Board
- new appointment* p. 73
- C.F.R., *see* Fast reactors, commercial
- Challens, W. J. p. 129
- Chapelcross nuclear power station
- electricity generated* p. 56
- Chemical industry
- accidents in* pp. 68-69
- Cheshire County Council
- Harwell aids* p. 4
- Chromium reserves p. 155
- Clean Air Act 1956 pp. 60-63
- p. 209
- Coastal sediment studies pp. 201-202
- Commercial Fast Reactor *see* Fast reactors, commercial
- Computer Optimisation Group, Harwell p. 16
- Computers
- analysis of legal documents* pp. 75-77
- fleet scheduling program* p. 15
- and fuel safety studies* p. 218
- Symposium on* p. 129
- work for Council of Europe* p. 93
- Connah's Quay p. 2
- p. 59
- Copenhagen
- British Engineering Exhibition* p. 127
- Copper reserves p. 154
- Council of Europe p. 93
- Culham Laboratory p. 187
- arc discharge apparatus* p. 94
- brochure* p. 58
- computer work* p. 93
- plasma physics summer school* p. 31
- space vehicles conference* p. 192
- work on lightning strikes* p. 128
- "Curifax" wood p. 95
- Davis, Dr. Michael p. 203
- D.E.R.E., *see* Dounreay Experimental Reactor Establishment p. 222
- Desalination p. 143
- p. 206
- Australian lecture* pp. 131-142
- costs* pp. 138-141
- folder on* p. 162
- Gibraltar plant* p. 19
- p. 84
- p. 135
- Ipswich project* p. 40
- p. 50
- p. 58
- p. 206
- lectures* p. 73
- policy* p. 58
- Desalination Programme Office, Risley at Oceanology '72 p. 55
- D.F.R., *see* Dounreay Fast Reactor
- Distillation p. 133
- Doel nuclear power station
- A.E.A. contract for inspection* p. 1
- p. 98
- Domestic refuse p. 64
- Doppler effect
- in fast reactors* p. 26
- Dounreay Experimental Reactor Establishment (D.E.R.E.)
- income* p. 18
- reprocessing plant* p. 57
- Dounreay Fast Reactor (D.F.R.) p. 18
- electricity generated* p. 102
- p. 56
- DRAGON reactor p. 108
- p. 207
- Dry-out experiment
- in S.G.H.W.R.* pp. 22-25
- Dungeness A nuclear power station
- cheapest electricity* p. 102
- p. 144
- desalination plant* p. 20
- p. 134
- effluents discharged* p. 63
- electricity generated* p. 56
- Education Centre, Harwell
- Courses* p. 6
- p. 18
- p. 222
- Edwards High Vacuum International
- ion beam components* p. 54
- Eggborough power station
- cost of electricity from* p. 144
- Electricity
- generated in U.K.* p. 60
- p. 146
- from nuclear power stations* p. 56
- Electrodialysis p. 58
- p. 136
- p. 108
- Electrolytic hygrometers
- Environment, the
- and atomic energy* pp. 60-70
- Environmental sampling stations p. 80
- studies by Harwell* pp. 3-6
- E.S.R.O., *see* European Space Research Organisation
- E.S.T.L., *see* European Space Tribology Laboratory, Risley
- EURATOM p. 191
- European Nuclear Energy Agency p. 59
- European Space Research Organisation (E.S.R.O.)
- tribology laboratory* pp. 99-100
- p. 184
- European Space Tribology Laboratory (E.S.T.L.)
- at Farnborough Europe '72* pp. 99-100
- p. 184
- Exhibitions
- Barcelona Samples Fair* p. 143
- Copenhagen* p. 127
- Farnborough Europe '72* p. 160
- p. 184
- Industrial Measurement & Control* p. 92
- International Chemical & Petroleum Engineering* p. 160
- p. 203
- International Mining* p. 143
- p. 174
- p. 81
- Manchester B.I.M.* p. 162
- Nuclear World, Washington* pp. 164-165
- Nuclex* p. 207
- p. 55
- Oceanology International* pp. 78-79
- Physics Exhibition* p. 162
- Toronto*
- Farnborough Europe '72 p. 160
- p. 184

Fast Reactors	p. 144	I.A.E.A., see International Atomic Energy Agency	
	p. 186	ICAPE '72, see International Chemical and Petroleum Engineering Exhibition	
	p. 189	Imperial College, London	
	p. 195	health physics summer school	p. 49
commercial fast reactor fuel reprocessing plant	p. 57	Industrial Measurement and Control exhibition	p. 92
safety aspects of void formation experiments	pp. 71-73	Industrial research programme at Harwell	pp. 42-49
Fast Reactor Training Centre opening of	p. 213	Industrial wastes and Harwell services	pp. 3-6 p. 93
Fawley power station cost of electricity from	pp. 102-104	Institute of Geological Sciences sea-bed gamma spectrometer	p. 192
Ferrybridge power station cost of electricity from	p. 144	Uranium Prospecting Handbook uranium reconnaissance	p. 222 p. 56
Films at Nuclex	p. 176	International Atomic Energy Agency (I.A.E.A.)	p. 59
Fleet Scheduling Program	p. 15	meeting at Winfrith	p. 54
Flowmedia rig	p. 203	nuclear "safeguards" system	pp. 105-108
Freeze distillation	p. 58	transport of fuel	p. 64
FSP, see Fleet Scheduling Program	p. 137	International Chemical and Petroleum Engineering Exhibition	p. 160 p. 203
Fuel reprocessing plant at D.E.R.E.	p. 57	International Commission on Radiological Protection	p. 150
transport of	p. 64	International Mining Exhibition	p. 143 p. 174 p. 54
Fuel and the Environment, Conference	p. 145	Ion beams	p. 54
Fuel policy	p. 82	Ion bombardment	
Fuel safety studies	p. 218	void formation experiments	p. 213
Fusion programme	p. 187	Ion implantation techniques	p. 54
	p. 189	Ipswich desalination project	p. 40 p. 50 p. 58 p. 143
Gas centrifuge process	p. 207	Irradiation testing	p. 143
Geneva Conference	p. 187	Kingsnorth power station cost of electricity from	p. 144
Gibraltar desalination plant	p. 19	Krypton 85	p. 6
	p. 84	Kuwait	
	p. 135	desalination plants	pp. 131-132
GLEEP 25th birthday	p. 174	Lasers, hazards from	p. 212
Glow discharge electron beams	pp. 85-92	Law computer analysis of documents	pp. 75-77
Groundwater tracing	pp. 178-180	Lead reserves	p. 154
Group technology	p. 173	Leak detection	p. 5
Bibliography	p. 178	Licensing agreement	p. 56
Guernsey desalination plant	pp. 131-132	Lightning strikes	p. 128
Hartlepool nuclear power station	p. 20	Culham work on	
Harwell, see Atomic Energy Research Establishment		Liverpool University arc discharge apparatus	p. 94
Harwell Industrial Research Unit	p. 53	London	
Health physics summer school	p. 49	winter sunshine	p. 62
Heat Transfer and Fluid Flow Service	p. 203	Longstaff, R. M.	p. 3
HECTOR tests for S.M.R.	p. 17	Magnox stations performance of	p. 187 p. 194
Heysham nuclear power station	p. 20	Malkin's Bank tip	p. 4 p. 53
High-pressure equipment		Manganese reserves	p. 155
Harwell test facility	p. 32	Marine technology	p. 82
Hinkley Point A nuclear power station effluents discharged	p. 63	Marshall, Dr. Walter new appointment	p. 97
electricity generated	p. 56	on Rothschild's proposals	pp. 42-49
Hochtemperatur-Reaktorbau GmbH pressure vessel for Schmeihausen reactor	p. 20	Matthews, R. R.	p. 73
Holland Reactor Group contract	p. 17	Merchant banks	p. 50
Hong Kong desalination plant	p. 98		
Honours and awards	p. 132		
Dr. A. A. Smales	p. 129		
Dr. H. I. S. Thirlaway	p. 41		
New Year Honours	p. 18		
Horizontal Falling Film Evaporator (H.F.F.)	pp. 133-134		
Hunterston A nuclear power station electricity generated	p. 56		

Molybdenum reserves	p. 155	Plutonium	p. 67
MONJU reactor	p. 144	<i>Downreay reprocessing plant</i>	p. 57
Mozart assembly	p. 144	Point focus welding	p. 90
MSF, <i>see</i> Multistage flash process		Pollution	
Multiple-effect system	p. 133	<i>Harwell work on smog</i>	p. 130
Multistage flash process (MSF)	p. 58	<i>Royal Commission report on</i>	pp. 64-66
	pp. 131-132	Port Talbot	p. 5
Napier, S. E. <i>M.B.E.</i>	p. 18	Post-irradiation examination	p. 143
National Centre of Tribology (N.C.T.), <i>see</i> Tribology, National Centre of		Powder metallurgy	p. 154
National Radiological Protection Board	p. 150	Power Reactor and Nuclear Fuel Development Corporation (P.N.C.)	p. 192
N.A.T.O. Advanced Study Institute	p. 148	Power stations	
Natural Environment Research Council	p. 80	<i>under construction</i>	p. 101
N.C.T., <i>see</i> Tribology, National Centre of		Power supplies	p. 101
Neutron systems	p. 94	Pressure vessels	
Newley, E. F.	p. 129	<i>contract for inspection of P.W.R.s</i>	p. 1
New Year Honours	p. 18	<i>for Schmehausen reactor</i>	p. 20
Niobium in steel making	p. 153	Pressurised water reactors	
Nondestructive Testing Centre	p. 203	<i>inspection of reactors vessels</i>	p. 1
Non-ionizing radiation		Pre-stressed concrete pressure vessel	
<i>new symbol</i>	p. 53	<i>for Germany</i>	p. 20
Nuclear desalination	p. 137	Production Control Group, Blacknest	p. 204
Nuclear energy		Proton radiography	pp. 167-173
<i>share of electricity generated</i>	p. 101	Prototype Fast Reactor (P.F.R.)	p. 103
	p. 208	<i>commissioning date</i>	p. 186
Nuclear Engineering Society Jubilee	p. 74	<i>fuel reprocessing plant</i>	p. 130
Nuclear industry	p. 163	<i>reactivity coefficients in</i>	p. 57
	p. 186	<i>station control system</i>	pp. 197-201
<i>controls in</i>	p. 63	Pugh, Owen	p. 131
Nuclear Installations Acts	p. 149	P.W.R., <i>see</i> Pressurised Water Reactors	
Nuclear Installations Inspectorate	p. 149		
	p. 221	Radiation	
Nuclear material, international control of	pp. 105-108	<i>symbol for non-ionising</i>	p. 53
Nuclear power		Radioactive tracers	
<i>generation in U.K.</i>	p. 60	<i>in groundwater tracing</i>	pp. 178-180
<i>Government statement on</i>	p. 161	<i>in petroleum industry</i>	p. 183
Nuclear power stations	p. 59	<i>silt movement studies</i>	pp. 201-202
<i>cheapest electricity</i>	p. 102	Radioactive Substances Act, 1960	p. 150
<i>discharge of effluents</i>	p. 63	Radioactive waste	
<i>electricity generated in Britain</i>	p. 56	<i>controls</i>	pp. 63-64
<i>pre-service inspection of</i>	p. 2	<i>storage</i>	p. 66
<i>under construction</i>	p. 101	Radiography	pp. 167-173
Nuclear Safety Advisory Committee	p. 109	Radioisotopes	p. 5
	p. 149	Radiological protection	
Nuclear ship study	p. 2	<i>report on</i>	pp. 149-150
Nuclear Transport Ltd.	p. 177	Radiological Protection, Society for	p. 15
Nuclear World '72, Washington	p. 162	<i>meetings</i>	p. 146
Nuclex Conference and Exhibition	p. 164		p. 221
	p. 207	Ratcliffe power station	
		<i>cost of electricity from</i>	p. 144
Oceanology Exhibition	p. 55	Reactor Group, Risley	p. 18
<i>opening ceremony</i>	p. 70	Reactor Plant Inspection Service, Risley	p. 143
Oldbury nuclear power station		<i>contract with Belgium</i>	p. 1
<i>cost of electricity from</i>	p. 144	<i>contract with Holland</i>	p. 98
<i>effluents discharged</i>	p. 63	<i>in-service inspection of BR3</i>	pp. 110-115
<i>electricity generated</i>	p. 56	Reactor safety	pp. 21-30
Optical ore sorter	p. 52	Reactor vessels	
Orkney		<i>inspection service</i>	p. 98
<i>uranium reconnaissance</i>	p. 56	<i>inspection of BR3</i>	pp. 110-115
Paint		Reinforced plastics	
<i>in space</i>	pp. 116-127	<i>and raw material supplies</i>	p. 158
Pebble-bed reactor	p. 17	"Reliability Technology"	p. 128
Peddie, R. A.	p. 145	Research and development	
Pembroke power station		<i>A.E.A. expenditure on</i>	p. 163
<i>cost of electricity from</i>	p. 144	Reverse osmosis	p. 58
P.F.R., <i>see</i> Prototype Fast Reactor			p. 136
Physics Exhibition	pp. 78-79	Rivers	
Plasma arc welding	p. 55	<i>improvement in Thames</i>	p. 64
Plasma physics summer school	p. 31	Roberts, Dr. Keith	
		<i>at Computer symposium</i>	p. 129

Rosyth	p. 5	T.H.T.R., <i>see</i> Thorium High Temperature Reactor	
Rothschild, Lord		Tin reserves	p. 154
<i>proposals for R. & D.</i>	pp. 42-49	Titanium reserves	p. 155
Rothschild, N. M., & Sons	p. 50	Toronto Manufacturing Opportunities Show	p. 162
Royal Astronomical Society		Toxic wastes	
<i>award for Dr. Thirlaway</i>	p. 41	<i>Harwell course on Harwell services</i>	p. 175
Safety and Health at Work		Transnucléaire S.A.	pp. 3-4
<i>Report</i>	pp. 149-150	Transnuklear GmbH	p. 178
Schmehausen reactor		Transport of nuclear fuel	p. 49
<i>pressure vessel for S.M.R. reactor for</i>	p. 20		p. 64
Schroder, Wagg & Co.	p. 17	Trawsfynydd nuclear power station	
Scorey, R. J., <i>B.E.M.</i>	p. 50	<i>effluents discharged</i>	p. 63
Sea-bed gamma spectrometer	p. 18	<i>electricity generated</i>	p. 56
SEFOR	p. 192	Tribology, National Centre of	
S.G.H.W.R., <i>see</i> Steam Generating Heavy Water Reactor	p. 27	<i>course at space laboratory at ICAPE '72</i>	p. 183
Single-shot tube welding	pp. 86-89		pp. 99-100
Sizewell A nuclear power station		Tritium	p. 203
<i>cost of electricity from effluents discharged</i>	p. 144	<i>labelling of water</i>	p. 5
<i>electricity generated</i>	p. 63		p. 179
Sizewell B nuclear power station	p. 56	Tungsten reserves	p. 155
Smales, Dr. A. A.	p. 50		
<i>award</i>	p. 129	U.K.A.E.A.	
Smoke emission in U.K.	pp. 61-62	<i>agreement with Stone & Webster</i>	p. 174
S.M.R., <i>see</i> Solid Moderated Reactor		<i>Annual Report</i>	pp. 185-192
Société de Traction et Electricité (Belgium)		<i>applied nuclear work and Belgian contract</i>	p. 189
<i>A.E.A. contract with</i>	p. 1	<i>and Cambridge radio telescope collaboration with Canada</i>	p. 1
Sodium		<i>co-operation with France</i>	p. 205
<i>in fast reactors</i>	pp. 71-73	<i>Dutch contract</i>	p. 146
Solid Moderated Reactor (S.M.R.)		<i>and EURATOM</i>	p. 59
<i>A.E.A. contract</i>	pp. 17-18	<i>European links</i>	p. 98
Space vehicles		<i>expenditure on R. & D.</i>	p. 191
<i>conference at Culham</i>	p. 192	<i>fusion</i>	p. 207
Spectrometer		<i>income</i>	p. 163
<i>for Harwell</i>	p. 144	<i>international relations</i>	p. 189
Stake Ness	p. 59	<i>non-nuclear work</i>	p. 191
	p. 101	<i>Reactor Plant Inspection Service reports available</i>	p. 189
Steam Generating Heavy Water Reactor (S.G.H.W.R.)	p. 59		p. 1
	p. 187		p. 16
<i>electricity generated</i>	p. 56		p. 40
<i>dry-out experiment</i>	pp. 22-25		p. 51
<i>hybrid evaporator</i>	p. 139		p. 73
<i>income earned by</i>	p. 18		p. 83
Steel			p. 100
<i>in next 50 years</i>	pp. 152-154		p. 142
Stone & Webster Engineering Corp.		<i>S.M.R. contract</i>	p. 182
<i>A.E.A. agreement with</i>	p. 174	<i>staff</i>	p. 217
Strip processing	p. 90	Ultrasonic examination	p. 17
Surface coatings in space	pp. 116-127	<i>of pressure vessels</i>	p. 49
Sykes, Dr. J. B.	p. 30	<i>Underlying research</i>	p. 2
Systems Reliability Service, Risley	p. 128	United Reprocessors	p. 43
	p. 203		p. 196
		Universal Thermosensors Ltd.	p. 207
Technology Assessment, Conference	p. 148	Upper Mersey Valley	p. 55
Thames		<i>Harwell study</i>	p. 53
<i>improved quality of water movement of spoil</i>	p. 64	Uranium	
	p. 5	<i>reconnaissance in Orkney</i>	p. 56
The Nuclear Power Group Ltd.	p. 186	"Uranium Prospecting"	p. 222
	p. 221	URENCO	p. 196
The Radiochemical Centre Ltd.	p. 50		p. 207
	p. 187		
Thermocouple junctions	p. 55	Vanadium	
Thirlaway, Dr. H. I. S.	p. 41	<i>in steel making</i>	p. 153
Thorium High Temperature Reactor (T.H.T.R.)			p. 155
<i>S.M.R. for</i>	pp. 17-18	Vapour Compression Evaporator	pp. 135-136
		Vapour deposition	p. 91

Variable Energy Cyclotron (VEC)	p. 43	White Paper on R. & D.	p. 147
<i>void formation experiments</i>	p. 220	Windscale A.G.R.	
Ventilation rate meter	p. 214	<i>electricity generated</i>	p. 56
Vertical Tube Evaporator (VTE)	p. 182	Windscale Works	
Vibration problems, symposium	p. 135	<i>discharge of effluents</i>	p. 63
Vinter Committee	p. 175	<i>P.F.R. fuel manufacturing plant</i>	p. 57
	p. 59	Winfrith, see Atomic Energy Establishment, Winfrith	
VIPER	p. 146	Wood plastics	p. 95
Void formation	p. 27		p. 203
	p. 213	Work Study School, B.N.F.L., Risley	
Wales		<i>courses</i>	p. 16
<i>Harwell monitoring in</i>	p. 31		p. 70
Walker, W. S. B.	p. 162	Wylfa nuclear power station	p. 148
Waste disposal services			p. 20
<i>by Harwell</i>	pp. 3-6		
	p. 93	X-ray fluorescence analyser	p. 180
	p. 175		
Water		ZEBRA	p. 25
<i>renovation</i>	p. 141		p. 144
<i>tritium labelling of</i>	p. 5	ZEUS	p. 27
	p. 179	Zinc reserves	p. 154
Welding			
<i>one shot</i>	p. 86		
<i>plasma arc</i>	p. 55		

TITLES OF MAIN ARTICLES

January

Harwell and the municipal engineer
by R. M. Longstaff

Energy and economic growth
by L. G. Brookes

February

Gibraltar desalination plant
Reactor safety philosophy and experimental verification

F. R. Farmer and E. V. Gilby to the Fourth International Conference on the Peaceful Uses of Atomic Energy, Geneva.

Harwell's 200,000 lbf/in² test facility
by C. R. Godwin

March

The industrial research programme at Harwell
Dr. Walter Marshall to a conference on Government Research and Development and Industry organised by the U.K. Region of the Licensing Executives Society

April

The environment and atomic energy in the United Kingdom

F. R. Farmer to the Fifth Annual Conference of Japan Atomic Industrial Forum, Inc., Tokyo

Safety aspects of fast reactors
by F. R. Farmer

Computer analysis of legal documents
by Dr. Bryan Niblett

May

Applications of glow discharge electron beams
by P. A. Thackery and R. A. Dugdale

June

Fast Reactor Training Centre opened
The international control of nuclear material
by Frank Morgan

In-service inspection of the BR3 reactor at Mol
by B. Watkins

Surface coatings in space
by Peter Walker and Colin Terry

July

Desalination—its widening role
Owen Pugh to the Australian Water and Waste Water Association's Clean Water Conference in Adelaide

August

White Paper on R. & D.

Safety and Health at Work

The next fifty years in engineering materials
by F. R. Roberts

September

Government statement on nuclear power

Nuclex conference and exhibition

Proton radiography

by J. A. Cookson, B. H. Armitage and A. T. G. Ferguson

October

Groundwater tracing with radioactive tracers

A new X-ray fluorescence analyser

Direct reading ventilation rate meter

November

18th Annual Report: Press Conference

The Authority's year

Trends in nuclear product improvement

Sir John Hill to the Third International Technical Meeting of Nuclear Industries (Nuclex '72) in Basle, Switzerland

The P.F.R. station control system

P. W. Mummery, A. D. Evans and F. J. Barclay to the Third International Technical Meeting of Nuclear Industries (Nuclex '72), in Basle, Switzerland

December

The role of nuclear energy in the total energy mix.

Sir John Hill to the 1972 International Conference of the U.S. Atomic Industrial Forum, Washington.