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DIVISION FOR THE MONTH OF JUNE, 1948

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July 8, 1948

	<u>Number of Copies</u>
Argonne National Laboratory	1-5
Armed Forces Special Weapons Project	6
Atomic Energy Commission, Washington	7-8
Battelle Memorial Institute	9
Brookhaven National Laboratory	10-13
Carbide & Carbon Chemical Corporation (K-25 Area)	14-17
Carbide & Carbon Chemical Corporation (Y-12 Area)	18-21
Columbia University (Dunning)	22
Columbia University (Failla)	23
General Electric Company	24-25
Hanford Directed Operations	26-30
Iowa State College	31
Kellex Corporation	32-33
Los Alamos	34-36
Massachusetts Institute of Technology	37
Monsanto Chemical Company, Dayton	38-39
National Bureau of Standards	40
Naval Radiological Defense Laboratory	41
NEPA	42
New York Directed Operations	43-44
Oak Ridge National Laboratory	45-48
Patent Advisor, Washington	49
Technical Information Division, ORDO	50-64
UCLA Medical Research Laboratory (Warren)	65
University of Rochester	66-67
Western Reserve University (Friedell)	68
University of California, Radiation Laboratory	
Information Division	69-76
Dr. E. O. Lawrence	77
Chemistry Department	78
Dr. E. Segre	79
Dr. W. Latimer	80
Dr. M. Calvin	81
Dr. J. H. Lawrence	82
Dr. J. G. Hamilton	83
Dr. R. S. Stone	84
Patent Department	85
Dr. N. Garden	86
Dr. E. McMillan	87
Dr. R. Serber	88
Dr. L. Alvarez	89
Dr. B. J. Moyer	90
Dr. R. L. Dobson	91
Mr. W. Brobeck	92
Mr. L. Cook	93

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REF ID: A66375  
-3-

LIST OF REPORTS RECEIVED IN THE UCRL INFORMATION

DIVISION FOR THE MONTH OF JUNE, 1948

July 8, 1948

Contract No. W-7405-Eng-48

Index & Copy Nos.	Title	Author	Classification	Date
<u>Reports Received From Argonne National Laboratory:</u>				
ANL-4104 91,92,93, 94,95/A	The Crystal Structure of Beta-Phase Compounds $A_2XF_6$ and $AXF_4$	W.H. Zachariasen	S	1/21/48
ANL-4105 91,92,93, 94,95/A	The Crystal Structure of Alpha-Phase Compounds $A_2XF_6$ and $AXF_4$	W.H. Zachariasen	S	1/26/48
ANL-4107 91,92,93, 94,95/A	The Crystal Structure of Uranium Hexa-Chloride	W.H. Zachariasen	S	1/27/48
ANL-4138 76,77,78, 79/A	Report for the Period 12/1/47 thru 2/29/48, Pile Research & Development Division		S	4/26/48
ANL-4139 88,89,90, 91,92/A	The 2.5m Ba Daughter of $Cs^{137}$	D.W. Engelkemeir	S	4/19/48
ANL-4143 67,68,69, 70/A	Summary Report for January, February and March, 1948	W.M. Manning	S	3/15/48
ANL-4145 98,99,100, 101,102/A	Form of Uranyl Nitrate Extracted From Aqueous Solution by Organic Solvents	L.I. Katzin J.C. Sullivan	S	5/5/48
ANL-4148 133,134,135, 136,137,138/A	Additions to the Library Report for the Period May 1-14, 1948	H.D. Young	S	5/19/48
ANL-4149 133,134, 135, 136,137,138/A	Additions to the Library May 1-14, 1948, MDDC Documents and Books	H.D. Young	U	5/19/48
ANL-4156 133,134,135, 136,137,138/A	Additions to the Library Report for the Period May 15-31, 1948	H.D. Young	S	5/48
ANL-4157 133,134,135, 136,137,138/A	Additions to the Library May 15-31, 1948, MDDC Documents and Books	H.D. Young	U	5/31/48
ANL-4161 133,134,135, 136,137,138/A	Additions to the Library Report for the Period June 1-14, 1948	H.D. Young	S	6/48

-4-

Index & Copy Nos.	Title	Author	Classification	Date
CC-3867 72,73,74,75, 76,79,80,81/A	The New Element Curium (Atomic Number 96)	G.T. Seaborg R.A. James A. Ghiorso	S	4/14/48
CH-3866 108,109,110, 111,112/A	The Excretion, Retention, Distribution, and Clinical Effects of Strontium <sup>89</sup> in the Dog, Part II. Statistical Analysis of Excretion and Retention of Strontium <sup>89</sup> for Individual Dogs	G. Sacher	R	6/46
CH-3870 106,107,108, 109,110/A	Effect of X Irradiation on the Maturation of the Circulating Reticulocyte	E.O. Gaston E.K. Marks L.O. Jacobson	R	
CH-3868 107,108,109, 110,111/A	Blood Changes in Humans Following Total Body Irradiation	J.J. Nickson	R	6/2/47
<u>Reports Received From Battelle Memorial Institute:</u>				
BMI-P-4 82,83,84, 85/A	Progress Report for the Month of April, 1948	H.W. Russell H.R. Nelson H.A. Saller	S	5/1/48
BMI-P-5 82,83,84, 85/A	Progress Report for the Month of May, 1948	H.W. Russell H.R. Nelson H.A. Saller	S	6/1/48
NEPA-474- BAT-6 71,72,73,74/B	Report for the Month of February, 1948		C	2/28/48
NEPA-536- BAT-7 71,72,73,74/B	Report for the Month of March, 1948		C	3/25/48
<u>Reports Received From Carbide and Carbon Chemicals Corporation:</u>				
H-1.740.10 110,111,112, 113,114/B	Determination of Uranium by Fluorescence	W.R. Grimes F.E. Clark	S	5/28/48
K-81 4 unnumbered	An Improved Apparatus for the Determination of Oxygen in Nitrogen by the Dew Point Method	J.C. Barton T. Kwasnoski W.W. Harwood	R	11/20/47
K-98 78,79,80, 81,82/B	The Routine Laboratory Preparation of Uranium Hexafluoride by Direct Fluorination of Uranium Oxide	F.W. Hurd J. LaGraff	S	12/12/47
K-103 76,77,78, 79,80/B	A Portable Apparatus for the Sampling of Low Pressure Systems	H.H. Lunn R.H. Cafferty S.D. Schneider	S	12/19/47



SECRET

Index & Copy Nos.	Title	Author	Classi- fication	Date
K-105 6 unnumbered	A Guide for the Preparation of Reports		U	1/48
K-145 71,72,73, 74/B	Pyrohydrolysis in the Gravimetric Determination of Uranium in Uranium Hexafluoride	W.D. Cline R.H. Lafferty	S	3/2/48
K-203 4 unnumbered	Half-Life of $UX_1$ (Th - 234)	G.B. Knight R.L. Macklin	U	4/1/48
K-216 101,102,103, 104,105/A	Fluorine Line Recorder Rack	W.C. Taylor	S	5/17/48
K-224 77,78,79, 80,81,82/A	Bibliography of Project Literature on the Solubility of U and U Compounds	F.E. Croxton	S	5/27/48
Y-161 44,45/A	Preparation and Properties of Molten and Fused Uranium Tetrachloride Abstract	R.H. Adams J.S. Reece	S	3/29/48
Y-164 43,44/A	The Separation of the Stable Isotopes of Thallium	Reports Comm. Oak Ridge	S	4/14/48
Y-170 9/A	Reports Received 5/17/48 to 5/24/48	J. Uffelman	S	5/24/48
Y-173 111,112,113, 114,115/A	The K Spectra of Element 61	L.E. Burkart W.F. Reed E.J. Spitzer	U	5/24/48
Y-174 9/A	Reports Received 5/24/48 to 5/31/48	J. Uffelman	S	5/31/48
Y-177 9/A	Reports Received 6/1/48 to 6/7/48	J. Uffelman	S	6/11/48
Y-182 9/A	Reports Received 6/7/48 to 6/14/48	J. Uffelman	S	6/16/48

Reports Received From General Electric Company:

KAPL-71 86,87,88, 89,90/A	Perturbation Methods in Multi-Group Calculations	H. Brooks	S	5/25/48
KAPL-75 115,116,117, 118/A	Physical and Mechanical Properties of Possible Pile Materials	R.S. Zeno	S	6/1/48
KAPL-76 76,77,78, 79/A	The Economical Distribution of Gamma Ray Absorbing Materials in a Spherical Pile Shield	L. Tonks J. Hurwitz, Jr.	S	6/8/47

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Index & Copy Nos.	Title	Author	Classi- fication	Date
KAPL-79 32,33,34, 35/A	Progress Report No. 22, May 1-31,1948		S	5/48

Reports Received From Oak Ridge National Laboratory:

CNL-17 97,98,99, 100,101/A	Development of a Process for Production of Radium-Beryllium Sources	O. Sisman	R	1/28/48
MON-P-414 74,75,76, 77/A	Electronic Pile Simulator	P.R. Bell H.A. Straus	S	11/3/47
ORNL-5 86,87,88, 89/A	The Application of Counter-Current Batch Extraction Principles to Problems of Inorganic Chemistry	W.H. Baldwin	S	3/3/48
ORNL-30 73,74,75 76/A	A Method of Solution of the Critical Mass Problem for a Thermal Pile With Slowing Down Properties Independent of Position	G. Goertzel H.L. Garabedian	S	5/28/48
ORNL-32 90,91,92, 93,94/A	Shielding Efficiency of an Oxychloride- Iron Concrete--Comparison With Hanford Shield	E.P. Blizard C.E. Clifford J. Cassidy	S	5/21/48
ORNL-33 109,110,111, 112,113/A	Test of Radiation Attenuation Through Concrete Shield Containing a Helical Duct	C.E. Clifford N.J. Palladino	S	5/1/48
ORNL-41 82,83/A	The Effect of Column Variables on Elution	E.R. Tompkins D.H. Harris J.X. Khym	S	5/7/48
ORNL-47 59,96,97, 98,99/A	Rough Draft of a Bibliography on Shielding	G. Young	S	5/20/48
ORNL-48 94,95,96, 97,98/A	Polarization of Nuclear Spins	M.E. Rose	U	5/27/48
ORNL-50 79,80,81, 82/A	High Flux Reactor Fuel Assemblies Vibration and Water Flow	W.K. Stromquist O. Sisman	S	5/48
ORNL-52 92,93,94, 95,96/A	Statistical Error in Absorption Experiments	M.E. Rose M.M. Shapiro	R	5/10/48
ORNL-53 99,100,101, 102,103/A	Absorption of Radiation From an "X" Slug by Lead	G. Ascoli O. Sisman	S	5/48

Index & Copy Nos.	Title	Author	Classi- fication	Date
ORNL-55 74,75,76, 77/A	A Closed Cycle Gas Turbine Installation	J.C. Carter	S	6/1/48
ORNL-57 40,41,42, 43/A	Research and Development Progress Report for the Month of April 1948		S	5/27/48
ORNL-58 51,52,53, 54/A	Report for Quarter Ending June 1, 1948 Technical Division	S. McLain	S	6/1/48
ORNL-60 42,43,44, 45/A	Report for the Month Ending May 31, 1948	J.S. Felton	R	6/7/48
ORNL-61 43,44,45, 46/A	Quarterly Report March, April, May 1948	A. Hollander	R	6/3/48
ORNL-62 15,16,17, 18/B	Operations Division Report for Month Ending May 31, 1948	M.E. Ramsey E.J. Witkowski A.F. Rupp J.A. Cox, L.B. Emlet	S	6/10/48
ORNL-69 39,40,41, 42/A	Metallurgy Division Quarterly Report Period Ending 5/31/48	W.A. Johnson	S	6/1/48
ORNL-72 100,101,102, 103,104/A	Scattering and Absorption of Neutrons by Polarized Nuclei	M.E. Rose	U	6/17/48

Reports Received From Standard Oil Company:

SOD-6 48,49,50, 51/A	Progress Report for May 1948		S	6/4/48
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Reports Received From Technical Information Division, ORDO:

A-734 14/A	Bibliography, The Chemistry of $\text{BF}_3$	I. Kirshenbaum	C	6/19/43
A-2121 1/CS	Conversion of $(\text{CH}_3)_2\text{O} \cdot \text{BF}_3$ to $\text{CAF}_2 \cdot \text{BF}_3$ Complex	M. Kilpatrick	S	11/30/44
ANL-HLH-8 14/TA	Design and Construction of Atomic Energy Research Facilities		S	11/22/47
ANL-RGS-6 9/TD	The Transient Behavior of the BeO Pile	R.G. Sachs	S	8/28/46
BI-68 3	Extraction of Protactinium From a Siliceous Raw Material	E. Broda P.K. Wright	D	3/46

Index & Copy Nos.	Title	Author	Classi- fication	Date
BR-46 8	Absorption Measurements on the Radiations From $^{239}\text{U}$ and $^{239}\text{X}$ $^{92}\text{U}$ and $^{93}\text{X}$	N. Feather	D	7/24/42
BR-49 1/Pb	Isotope Analysis of Uranium Samples by Means of Their $\alpha$ -Ray Groups	G.R. Frisch	D	6/42
BR-89 1	Note on the Inelastic Scattering of Fast Neutrons	N. Feather	D	10/21/42
BR-135 1	The Ratio Between Absorption Cross-Sections of B and H	F.W. Fenning H. Halban H. Seligman	D	1/43
BR-227 1	Determination of Number of Neutrons Emitted From a Source	J. Rotblat	D	10/42- 1/43
BR-256 1	On the Counting of Neutrons Using a Thick Layer of Hydrogen-Rich Material and a "Proportional" Counter	N. Feather	D	3/12/42
BR-258 1	Investigation of the Delayed Neutron Emission From Fission Products, Using a Modulated Source of Primary Neutrons	N. Feather	D	8/1/41
BR-262 1	Directional Correlation in Fission Processes: Calculations Relative to Possible Experiments	N. Feather	D	4/26/42
BR-285 1/TA	Physical Properties of Some $\phi$ -Compounds	W.N. Haworth	D	8/43
BR-310 1 unnumbered	Neutron-Produced Radioactivity in Relation to the Detection of High-Energy Neutrons: Maximum Sensitivity of a Counter	N. Feather	D	11/26/42
BR-312 1	Regularities in Successive $\beta$ -Disintegrations	N. Feather	D	4/43
BR-313 4	On the Counting of the $\alpha$ -Particles Emitted by "Semi-Thick" Layers of Uranium: Effect of the Variation of Stopping Power With Velocity	N. Feather	D	6/18/43
BR-314 4	$\alpha$ -Particle Group Analysis Using a Parallel Plate Ionization Chamber: Effect of Variation of Stopping Power With Velocity	N. Feather	D	6/30/43
BR-352 1 unnumbered	Detector Response Neutrons Slowed Down in Media Containing Cadmium	E. Broda H. Hereward	D	9/43
BR-431 E6	Alpha-Ray Analysis of X-Isotopes Part I. Apparatus	F. L. Clark H.J. Spencer-Palmer R.N. Woodward	D	5/23/44

Index & Copy Nos.	Title	Author	Classi- fication	Date
BR-519 2	On a Possible Method of Investigating the Back-Scattering of $\alpha$ -Particles Under Conditions of "50 Per Cent Geometry"	N. Feather	D	9/12/44
BR-603a 26	Upper Limits of the Fission Cross Sections of Lead and Bismuth for Li-D Neutrons	E. Broda P.K. Wright	D	4/45
BR-615 4	The Assignment of the Slow-Neutron-Produced Activities of Thallium and the Dual Disintegration of Radium	E. Broda N. Feather	D	6/7/45
BR-639 15	The Range Energy Relation for $\alpha$ -Particles of 0.5.3 Mev in Ethylene and Polythene	D. H. Wilkinson	D	5/45
BR-641 3	Preparation of a Strong Thin Polonium Source and Preliminary Experiments on the Yield of ( $\alpha$ ,n) Reactions	E. Broda P.K. Wright	D	7/45
BR-729 1	The Application of the Photographic Plate to the Quantitative Determination of Activities by Track Counts	E. Broda	D	8/46
BR-732-A 1 unnumbered	The Spectrographic Analysis of Uranium	A. Walsh	C	3/47
CC-2233 56/A and Erratum	Chemical Research - Radiation Chemistry		S	9/30/44
CF-3777 28/A	Nuclear Properties of Uranium, Protactinium, and Thorium Isotopes	L.I. Katzin	S	3/6/47
CL-SLS-1 1/TA	Chemical Stability of High Temperature Power Pile	S.L. Simon J.V. Fitzgerald	S	2/4/47
CRC-339 3 unnumbered	Studies on the Electro-Oxidation of Tetravalent Uranium	R.H. Betts	U	4/15/47
HW-7819 6/TA	Summary Outline of Redox Flowsheet Process Chemistry	J.M. Frame	S	10/17/47
ISC-12 4 unnumbered	The Determination of Gamma-Ray Energies With the Magnetic Lens Spectrometer		R	12/15/47
ISC-16 4 unnumbered	Progress Report in Analytical Chemistry	C.V. Banks	R	12/31/47
ISC-17 71,72,73, 74/TA	Progress Report in Spectrochemistry	V.A. Fassel	S	1/1/48
LA-60 2/TF	The Fission Neutron Spectrum of $^{235}\text{U}$	H.T. Richards	S	2/11/44

Index & Copy Nos.	Title	Author	Classi- fication	Date
LA-253 12	Short-Period Delayed Gammas From Fission of 25	P.B. Moon	S	4/7/45
LA-387 15	Spectrochemical Analysis of Plutonium and its Compounds II. The Cupferron Procedure	N.H. Nachtrieb et al	S	9/14/45
LA-657 5 unnumbered	On the Numerical Solution of Partial Differential Equations of Parabolic Type	J. vonNeumann R. D. Richtmyer	U	12/25/47
LAMS-87 70,71,72, 73,74/TA	Health Safety Report Chemical and Metallurgical Division		S	4/44
LAMS-332 2/TD	Critical Radius of Water Boiler in Water Tamper	R.E. Marshak	S	1/10/46
LAMS-616 65,66,67, 68,69/TA	Search for Three-Way Fission of $U^{238}$ By 14-Mev Neutrons	L. Rosen P. Taschek	S	9/25/47
LAMS-663 65,66,67, 68,69/TA	Inelastic Scattering Cross Sections of Lead and Uranium for 14 Mev Neutrons	H.T. Gittings	S	12/26/47
LAMS-669 5 unnumbered	Electronics of the Van de Graaff	H.T. Gittings	R	1/12/48
LAMS-683 65,67,68, 69/TA	Preliminary Results on the Cross- Section of the Reaction $T^3(d,n)He^4$ Between 1.0 Mev and 2.5 Mev Deuteron Energy	R. Taschek	S	2/3/48
LA-654 54,55,56, 57/TA	Studies on the Scattering of Neutrons by Protons	L. Goldstein	S	1/13/48
M-3432 1	Theoretical Nuclear Physics XV Beta Decay Theory	M.E. Rose E. Greuling	U	
M-3447 6	Determination of Particulate Air-Borne Long-Lived Activity	G. Koval	S	6/22/45
M-4090 1/TD	The Application of Type 6 Filter Paper for the Removal of Airborne Contamination	R. Endebroek	S	4/18/47
M-4228 1/TA	The Ratio of Water to Uranyl Nitrate in the Solvent Phase after Extraction from Aqueous Solutions.	J.A. DiPace W.H. Furman	C	4/47
Mon-C-400 15 unnumbered	A Table of Radioactive Isotopes Arranged According to Half-Lives	J. W. Jones H.M. Clark	U	10/30/47
Mon-H-79 2/B (TIB)	Activity in Tissues Induced by Slow Neutron Bombardment	H.J. Curtis J.D. Teresi	S	2/25/46

Index & Copy Nos.	Title	Author	Classification	Date
MS-1 2	On the Possibility of a Slow-Neutron Chain Reaction	G.R. Frisch	D	11/41
MS-12A 7L	Separation of Isotopes	K. Fuchs R. Peierls	D	
MS-20 1 unnumbered	Separation of a Mixture of Three Components		S	
MS-61 1 unnumbered	The Equation of State of Air at High Temperatures	K. Fuchs G.J. Kynch R. Peierls	S	12/42
MS-94 1 unnumbered	Escape of Energy From a Cylindrical Ionization Chamber	T.H.R. Skyrme	D	
MSD-5 1 unnumbered	Approximate Rate of Neutron Multiplication of a Solid of Arbitrary Shape and Uniform Density	P.A.M. Dirac	D	
N-1536p1 1 unnumbered	Distribution and Excretion of Plutonium	E.R. Russell J.J. Nickson	R	6/11/46
NACA-E-212 1 unnumbered	Study of Jet-Propulsion System Comprising Blower Burner, and Nozzle	B. Pinkel E.W. Hall	U	5/44
NACA-E-231 1 unnumbered	The Knock-Limited Performance of Fuel Blends Containing Aromatics IV - Data for m-Diethylbenzene, 1-Ethyl-4-Methylbenzene and sec-Buthylbenzene Together with a Summarization of Data for 12 Aromatic Hydrocarbons	C.L. Meyer J.R. Branstetter	U	4/45
NACA-E-240 1 unnumbered	A Correlation of the Effects of Compression Ratio and Inlet Air Temperature on the Knock Limits of Aviation Fuels in a CFR Engine- II	H.E. Alquist L. O'Dell J.C. Evvard	U	6/46
NACA-E-241 1 unnumbered	Performance Charts for a Turbojet System	B. Pinkel I. M. Karp	U	6/46
NACA-E-248 1 unnumbered	Flight and Test-Stand Investigation of High-Performance Fuels in Double-Row Air-Cooled Engines II- Flight Knock Data and Comparison of Fuel Knock Limits with Engine Cooling Limits in Flight	H.J. White C.C. Blackman M. Werner	U	12/44
NACA-E-260 1 unnumbered	Effect of Internal Coolants on the Knock-Limited Performance of a Liquid-Cooled Multicylinder Aircraft Engine with a Compression Ratio of 6.0	R.L. Nelson M.L. Harries R.J. Brun	U	6/45
NACA-E-262 1 unnumbered	Flight and Test-Stand Investigation of High-Performance Fuels in Modified Double-Row Radial Air-Cooled Engines II - Flight Knock Data and Comparison of Fuel Knock Limits with Engine Cooling Limits in Flight	H.J. White P.C. Pragliola C.C. Blackman	U	8/45

-12-

Index & Copy Nos.	Title	Author	Classification	Date
NACA-E-264 1 unnumbered	Air-Flow and Performance Characteristics of the Engine-Stage Supercharger of a Double-Row Radial Aircraft Engine I - Effect of Operating Variables	E.J. Baas W.R. Monroe J.M. Mesrobian	U	8/45
NACA-E-266 1 unnumbered	Effect of Water-Alcohol Injection and Maximum-Economy Spark Advance on Knock-Limited Performance and Fuel Economy of a Large Air-Cooled Cylinder	J.E. Vandeman O.H. Heinicke	U	8/45
NACA-E-267 1 unnumbered	The Effect of High-Resistance Ignition Cable on the Erosion of Spark-Plug Electrodes	C.C. Swett, Jr. F.A. Rodgers	U	9/45
NACA-E-269 1 unnumbered	Sea-Level Performance Tests of a 22-Inch-Diameter Pulse-Jet Engine at Various Simulated Ram Pressures	E.J. Manganiello M.F. Valerino R.H. Essig	U	10/45
NACA-E-270 1 unnumbered	Endurance Tests of a 22-Inch-Diameter Pulse-Jet Engine With a Neoprene-Coated Valve Grid	E.J. Manganiello M.F. Valerino J.H. Breisch	U	10/45
NACA-E-278 1 unnumbered	Hydraulic Characteristics of the NACA Injection Impeller	W.K. Ritter I.A. Johnsen S. Lieblein	U	5/46
NACA-E-279 1 unnumbered	Effect of a Low-Loss Air Valve on Performance of a 22-Inch-Diameter Pulse-Jet Engine	J.R. Bressman	U	6/46
NACA-E-282 1 unnumbered	Charge-Air Distribution Among the Cylinders of a Double-Row radial Aircraft Engine	D.C. Guentert	U	7/46
NACA-E-283 1 unnumbered	The Effect of Increase in Combustion-Air Inlet Temperature From 80° to 130° F on the Sea-Level Performance of a 22-Inch-Diameter Pulse-Jet Engine	M.F. Valerino R.H. Essig R.F. Hughes	U	7/46
NACA-TN-1529 1 unnumbered	An Investigation of Mechanical Properties of Honeycomb Structures Made of Resin-Impregnated Paper	C.B. Norris G.E. Mackin	U	5/48
NP-187 1 unnumbered	The Self Diffusion of the Sodium Ion in Sodium Chloride	D. Mapother	U	10/45- 6/47
NP-188 1 unnumbered	Optical Properties of the Alkali Halides	C.C. Klick	U	10/46- 6/47
TID-20 108,109,110/B	Research and Development Reports		S	5/31/48
TID-21 128,129,130/B	Research and Development Reports		S	6/15/48



Index & Copy Nos.	Title	Author	Classi- fication	Date
Misc-1948-37 1 unnumbered	High Dielectric Ceramics TAM Titanium Dioxide and Titanates	Titanium Alloy Mfg. Company	U	
Misc-1948-38 1 unnumbered	Progress Report Chemistry of Gallium, April 1- June 1, 1948	H. Taube Univ. of Chicago	U	6/48
Misc-1948-39 1 unnumbered	A Determination of the Ratio of the Masses of $-\pi$ and $\mu$ - Mesons by the Method of Grain-Counting	C.M.G. Lattes G.P.S. Occhialini C.F. Powell	U	

Index No.	Title	Author
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MDDC and AEDC Reports Received:

147	Magnetic Fields Due to Dee Structures in a Synchrotron	A.F. Clark
149	Energy of Neutrons from $M\text{Sth-D}$ , $\text{La-D}$ , $\text{Y-Be}$ , and $\text{Sb-Be}$ Photo-Neutron Sources	A.O. Harrison
151	Synchrotron Radio Frequency System	A.C. Helmholtz, J.V. Franck, J.M. Peterson
196	The Determination of Fluorine and Chlorine in Organic Compounds	R.H. Kimball, L.E. Tufts
341	Integrating Polonium Meter	T.R. Cuykendall, L.T. Finlayson
355	Properties and Measurement of $\text{Cl}^{14}$	A.F. Reid, A.S. Weil J.R. Dunning
367	A High Temperature-High Vacuum Apparatus	L. Brewer, L.A. Bromley P.W. Gilles, N.L. Lofgren
432	The Preparation and Reactions of Perfluorobutadiene-1,3.	W.T. Miller
433	The Preparation of Low Polymers of Trifluoro- chloroethylene and Their Utilization for the Production of Chlorfluorocarbon Lubricants	W.T. Miller
482	Manganese, Rhenium, and Masurium	R.W. Bane, C.J. Rodden
511	Spectrochemical Analysis: (1) The Copper Spark Method	M.C. Bachelder, J.G. Conway, N.H. Nachtrieb B.S. Wildi
529	Micro-Gas Analysis	W.A. Nierenberg, C. Williams

15

Index No.	Title	Author
535	A Simple Carbon Dioxide Vapor Pressure	H.C. Anderson
542	Heats of Reaction of the Oxidation - Reduction Couples: $H_2O - H_2O_2$ , $Fe^{2+} - Fe^{3+}$ , $Ce^{3+} - Ce^{4+}$ and $U^{4+} - UO_2^{2+}$	B.J. Fontana
577	Thermocouple Elements of the Concentric Type for Use in Small Wells	H.F. Priest
645	Geochemistry of Germanium	M. Fleischer J.O. Harder
646	Geochemistry of Indium	M. Fleischer J.O. Harder
714	Amplifier Response	R.P. Feynman
715	Standardization of pD Scale	R.B. Fischer R.A. Potter
716	( $\alpha$ , n) Cross-Sections of Beryllium, Magnesium, and Aluminium	I. Halpern
734	A Slide Rule for Activation and Decay Calculations	A.H. Snell T. Arnette
773	The Model 200 Pulse Counter	J. Gallagher W.A. Higginbotham M. Sands
777	Purification of Uranium Oxide	J.I. Hoffmann
792	Atomic Power Engineering	F.C. Von der Lage
818	Polymerized Trifluorochloroethylene	Plax Corporation
853	The Effects of Radiation on Hemopoiesis	J.S. Lawrence A.H. Dowdy W.N. Valentine
867	Production and Properties of 50-Year Element 94	E.T. Seaborg, A.H. Wahl J.W. Kennedy
872	The Total Neutron Cross Section of Rhenium and Neodymium	W.J. Sturm G. Arnold
890	Neutron Monitoring by Means of Special Fine Grain Emulsion Film	J.S. Cheka
963	Progress Report Proton Cyclotron R.F. Group	B. Anderson, J. Woodyard L. Wouters, J. Riedel
966	Distribution of Labeled Carbon in Sugar from Barley	S. Aronoff, H.A. Barker M. Calvin

167

UCRL-144

Index No.	Title	Author
978	5.3 Day Element 61	G.W. Parker, et al
993	Tolerance to Whole Body Irradiation of Patients with Advanced Cancer	L.F. Craver
995	Oral Conditions in Workers Chronically Exposed to Dilute and Anhydrous Hydrofluoric Acid	P. Dale H.G. McCauley
1027	The Dark Reductions of Photosynthesis	A. Benson M. Calvin
1030	Vapor Pressure of Beryllium Oxide	N.D. Erway, R.L. Seifert
1035	Reflection Spectra of Neutrons from Crystals	M. Ginsburg, M.L. Goldberger, F. Seitz
1039	Note on the Separation of Hydrogen Fluoride from Uranium Hexafluoride	A.V. Grosse
1040	Note on the Use of Silica-Free Glasses for Handling Anhydrous Hydrogen Fluoride and Uranium Hexafluoride	A.V. Grosse
1047	Synthesis of Chloroacetic Acid, Iodoacetic Acid, and Glycine, Labeled with C-14 in the Carboxyl Group	R. Ostwald
1050	Range of (Ra - $\alpha$ -Be) Neutrons in Water	J.H. Rush
1076	Hemophilia: A report of the Mechanism of the Development and Action of an Anticoagulant in Two Cases	C.G. Craddock J.S. Lawrence
1078	Vacuum Melting and Casting of Beryllium	E. Gordon
1082	Cloud-Chamber Energy Measurement of Photo-Neutron Sources	D.J. Hughes C. Egler
1087	Chemical Problems in Stable Isotopes Separation	A.J. Miller B.S. Weaver
1091	A Note on the Relation Between Entropy and Enthalpy of Solution	O.K. Rice
1121	Nuclear Isomerism in Dysprosium 165	M.G. Inghram, A.E. Shaw D.C. Hess, Jr., R.J. Hayden
1153	Fluorides of Uranium and Thorium with the LaF <sub>3</sub> - Type of Structure	W.H. Zachariasen
1161	Alkaline Condensations of Fluorinated Esters with Esters and Ketones	A.L. Henne, M.S. Neuman L.L. Quill, R.A. Staniforth

Index No.	Title	Author
1162	The Trochotron - A Crossed Field Type Mass Spectrometer	J.L. Horton
1163	Ceramics and Nucleonics	A.L. Johnson
1165	The Crystal Structure of Zirconium Oxysulfide, ZrOS	J.D. McCallough, L. Brewer, L.A. Bromley
1181	Vibrational Spectrum and Thermodynamic Properties of Uranium Hexafluoride Gas	J. Bigeleisen, M.G. Mayer
1189	The Deuteron Problem with Gaussian Potentials	S. Moszkowski, R.G. Sachs
1193	Calibration of a Ra + Be Neutron Source by the B(n, α) Li Reaction	F.G.P. Seidl, S.P. Harris
1196	Equilibrium Pressures in the System Uranium-Uranium Bromide	L. Brewer
1208	Determination of Deuterium in Water - A Mass Spectrometric Method	R. Fischer, R. Potter, R.J. VoskuyI
1231	A Determination of the $S^{32} (n,p)P^{32}$ Cross Section for Neutrons of Energy 1.6 to 5.8 Mev	E.D. Klema A.O. Hanson
1282	The Crystal Structure of NpO <sub>2</sub> and NpO	W.H. Zachariasen
1283	Crystal Structure Studies of the Systems KF-UF <sub>4</sub> , KF-ThF <sub>4</sub> and KF-LaF <sub>3</sub>	W.H. Zachariasen
1299	Resonance Scattering of Neutrons by Cobalt	S.P. Harris, A.S. Langsdorf, Jr., F.G.P. Seidl
1301	The Effects of Irradiation from the Atomic Bomb on the Japanese	J.W. Howland S.L. Warren
1307	The Outgassing of Materials in a Vacuum	G.W. Monk
1311	The Exact Masses of the Zirconium Isotopes	W. Rall
1318	Initial Studies of the Inhalation Toxicity of Beryllium Sulfate and Beryllium Metal Fume	G.F. Sprague, C.W. Labelle, A.G. Pettengill, H.E. Stokinger
1322	A Kinetic Study of the Oxidation of Uranium Tetrachloride	J. Van Wazer, G. John
1333	Fabrication of Gold-Beryllium Alloys	H. Hirsch, J.M. Taub
1349	Slow-Neutron Disintegration of Boron-10: Search for the Formation of Be(10), and Estimate of the Mean Life of Be(10)	E. Bretscher
1367	Hydrogen Reduction of Pu(IV) to Pu(III) in Aqueous Solution	R.E. Connick W.H. McVey

Index Nos.	Title	Author
1386	Volumetric Determination of Microgram Quantities of Acid-Soluble Sulfide Sulfur	L.P. Pepkowitz
1389	Phosphorus, Arsenic, Antimony, and Bismuth	D.H. Templeton L.G. Bassett
1394	The Crystal Structure of PuSi <sub>2</sub>	W.H. Zachariasen
1396	X-Ray Diffraction Studies of Fluorides of Plutonium and Neptunium; Chemical Identity and Crystal Structure	W.H. Zachariasen
1403	The Half-Life of Carbon 14	L.D. Norris, M.C. Inghram
1415	1. Cross Section of Powdered Graphite 2. Orientation in Graphite by X-Ray Diffraction 3. Cross Section and Crystal Orientation in Aluminum	G. Arnold, V. Meyers S.S. Sidu, A. Weber, W.H. Zacharisen G. Arnold A. Weber
1422	Abundance of the Samarium Isotopes	M.G. Inghram, D.S. Hess Jr., R.J. Hayden
1423	Part 1. The Relative Effectiveness of Fast Neutrons and Gamma Rays in Producing Somatic Mutation in Drosophila Part 2. The Relative Effectiveness of Fast Neutrons and Gamma Rays in Producing Somatic Crossingover in Drosophila	G. LeFevre
1430	Production and Properties of a Long-lived Radio-Isotope of Element 43	E.E. Motta, G.E. Boyd, W.V. Larson
1432	Organic Reagents for Uranium Analysis	E. Ware
1437	Neutron Distributions in Paraffin	B.T. Feld
1442	Crystal Structure Studies of Chlorides, Bromides, and Iodides of Plutonium and Neptunium	W.H. Zachariasen
1450	Effects of Small Daily Doses of Fast Neutrons on Mice	T.C. Evans
1454	Determination of Water in Perfluorodimethyl-cyclohexanes I. Potentiometric Titration with Karl Fischer Reagent	J.L. Gabbard, E.S. Amis J.H. Jamieson, T.J. McCormick
1455	Determination of Water in Perfluorodimethyl-cyclohexanes II. Absorption by Phosphorous Pentoxide	J.L. Gabbard, E.S. Amis A.V. Faloon J.C. Pierce
1468	Slow Neutron Velocity Spectrometer Studies of H, D, F, Mg, S, Si, and Quartz	L.J. Rainwater W.W. Havens, Jr. J.R. Dunning, C.S. Wu

Index Nos.	Title	Author
1477	The Use of Photoelectrons for Space-Charge Neutralization	S.C. Curran
1484	A Portable Micro-r-Meter	G. Dessauer
1487	Use of Radioactive Reagents in Filter Paper Partition Chromatography	R.M. Fink, K. Fink
1490	The Neutron Spectrum of Boron Bombarded by Polonium-Alphas	H. Staub
1492	The Influence of Irradiation for 24 hours with Gamma Rays at Low Dosage on the Mutation Rate in Drosophila	D.E. Uphoff C. Stern
1494	Comments on Reported Inter-Atomic Distances in Fluorinated Hydrocarbons	S.H. Bauer
1497	Chapter I - Nuclear Physics Primer	Hanford Engineer Works
1499	Entropy, Specific Heat, etc., Data on U, UO <sub>2</sub> , and UO <sub>3</sub>	K.K. Kelley G.E. Moore
1516	The Reaction He <sup>3</sup> (n,p)H <sup>3</sup> and the Neutrino Mass	D.J. Hughes, C. Egger
1534	Studies on the Metabolism of Radioactive Nicotinic Acid	L.J. Roth, E. Leifer W. Langham
1538	The Negative Effect of Folic Acid on Irradiation Leukopenia in the Cat	W.S. Adams J. Lawrence
1588	The Intermediate Uranium Fluoride Compounds	R. Argon, A. Grenall R. Kunin, S. Weller
1602	Electric Time-Switch for Closing Circuits at Accurately Regular Intervals	J.A. Crawford A.H. Jaffey
1608	The Structure of the Carbides, Nitrides and Oxides of Uranium	R.E. Rundle, N.C. Baenziger A.S. Wilson, R.A. McDonald
1633	Technique for Observing Nuclear Disintegrations and Scattering in Small Gas Volumes	R.F. Taschek
1644	Exchange of Uranium Between UF <sub>4</sub> and UF <sub>6</sub>	A.V. Grosse
1650	Thermal Neutron Adsorption Cross Sections for Separated Isotopes	H.S. Pomerance J.I. Hoover
1651	Rochester Ion Meter Construction and Operation Details	W.F. Bale
1699	Angular Correlation of Fission Neutrons	S. Debenedetti, J.E. Francis W.M. Preston, T.W. Bonner
1733	The Fluorescence of Uranium Trioxide Hydrates	D.T. Vier, M.L. Schultz J. Bigeleisen

Index Nos.	Title	Author
1747	The Thermal Conductivity of Uranium Hexafluoride	P.A. Argon A.H. Taylor
1763	The Cultivation of the Hematopoietic Tissue Culture Method	P.E. Rekers
1764	Homotransplantation of the Mammalian Adult Kidney	P.E. Rekers
1777	The Quantitative Spectrographic Analysis of the Rare Earths Elements	V.A. Fassel H.A. Wilhelm
1778	The Metabolism of Carrier-Free Radioactive Silver in the Rat	K.G. Scott
1796	Model 4 Sweep	E.W. Titterton
1801	Polarographic Studies of the Uranyl-Citrate Complex	W.F. Neuman, J.R. Havill
1816	A Rapid, Precise Microbalance Technique	D.E. Hull
1827	Electronic Classifying, Cataloging, and Counting Systems	J.H. Parsons
1829	The Chemical Properties of Elements 94 and 93	G.T. Seaborg, A.C. Wahl
1831	Loss of Radioactivity from Barium Carbonate Samples	P.E. Yankwich
1832	Degradation of Isotopic Lactate and Acetate	S. Aronoff, V.A. Haas B.A. Fries
1836	Measurements of Gamma-Ray Energies with the Beta-Ray Spectrometer	E.N. Jensen, L.J. Laslett, W.W. Pratt
1837	The Isotopes of Os <sup>185</sup> and Os <sup>193</sup>	L.I. Katzin, M. Pobereskin
1838	Nuclear Reactions of Arsenic with 190 Mev Deuterons	H.H. Hopkins, Jr. B.B. Cunningham
1839	Neutron Deficient Isotopes of Rhodium and Palladium	M. Lindner I. Perlman
1841	Corrections for the Resolution and Radiator Foil in the Beta-Ray Spectrometer	W.W. Pratt, L.J. Laslett, E.N. Jensen
1843	The Application of a Bent Crystal X-Ray Spectrograph to the Analysis of Radiations from Radioactive Decay	R.H. Stokes
1844	Note on the "Natural Radioactivity of Rhenium"	N. Sugarman, H. Richter

Index Nos.	Title	Author
1855	Self Delayed Coincidences with Scintillation Counters	S. DeBenedetti, F.K. McGowan, J.E. Francis, Jr., P.R. Bell
1860	The Beta Spectrum of Os <sup>193</sup>	D. Saxon
1862	The Effects of Slow Neutrons from the Oak Ridge Pile on <u>Tradescantia</u> Chromosomes	A.D. Conger, N.H. Giles, Jr.
1871	Absorption Spectra of the Aqueous Tripositive Lanthanides and Actinides	Radiation Laboratory
1873	Amendments to Paper on "Short-Lived Halogen Fission Products"	N. Sugarman
1879	Isolation and Chemistry of Americium	B.B. Cunningham
1885	On the Radioactive Decay of the Neutron	A.H. Snell, L.C. Miller
1886	The Impact of Radioactivity on Chemical Laboratory Techniques and Design	P.C. Tompkins H.A. Levy
1891	The Preparation of Actinium Compounds	S. Fried, F. Hagemann
1894	Heavy Metal Borohydrides	H.R. Hoekstra J.J. Katz
1897	Studies on the Chemistry of Protoactinium	R. Thompson
1916	The Deposition of Uranium in Bone II. Radiographic Studies	W.F. Neuman M.W. Neuman



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