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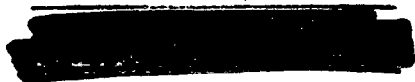
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RADIATION LABORATORY

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DIVISION FOR THE MONTH OF MAY, 1948

June 1, 1948

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CT-3764 80,81,82 83/B	Progress Report (A-1) for the Month of November 1946	A.R. Kaufmann	S	12/27/46

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K-121 4 unnumbered	Development of a Degreasing Solvent for Electric Motors	S.D. Schnieder J. Mottern M.W. Dinwiddie	U	1/26/48

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Y-149 90,91,92, 93/A	Purification of Graphite: Initial	W.L. Ross	S	3/10/48
Y-157 9/A	Central Reports and Information Office Reports Rec'd 4/19/48 to 4/26/48	J. Uffelman	S	4/23/48
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ADC-16 76,77,78, 79/A	Complex-ion Formation With Fission Products I. A Review of Recent Developments Relating to Decontamination	S.W. Mayer	C	2/26/48
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Reports Received From Oak Ridge National Laboratory:

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CNL-23 89,90,91, 92/A	The Fluorimetric Determination of Uranium Part I: Mechanical Equipment	G.S. Sadowski J.R. Gentry H.L. Hemphill	R	2/16/48
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CNL-36 80,81,82, 83/B	Yield of Photoneutrons From U <sup>235</sup> Fission Products in Be	S. Bernstein F.L. Talbott	U	2/20/48
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ORNL-11 91,92,93, 94/A	An Evaluation of Zirconium as a Structural Material for High Temperature Thermal Piles	W.L. Sibbitt	S	1/9/48
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ORNL-23 78,79,80, 81/B	The Hydrolytic Behavior of Uranium and the Transuranic Elements	K.A. Kraus F. Nelson	U	3/29/48
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ORNL-24 90,91,92, 93/A	The Determination of Al(NO <sub>3</sub> ) <sub>3</sub> and HNO <sub>3</sub> Concentrations in the 25 Process by Measurement of Specific Gravity and pH	W.B. Howerton F.R. Bruce	R	3/22/48
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ORNL-34 98,99/A	Decay Curves for 23 Fission Products	G.H. Hanson	S	4/30/48
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ORNL-35 90,91/A	23 Recovery (1300 Area) - Process Design Studies	G.H. Hanson	S	4/22/48
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ORNL-36 55,56,57, 58/A	Abstracts of Project Literature on TTA and Other β-Diketones	E.R. Newton A. Broido	S	4/27/48
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ORNL-37 83,84/A	The Distribution Coefficients of Uranium and Fission Products in Hexone Extraction	F.R. Bruce	S	4/26/48
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ORNL-39 110,111,112, 113,114/A	A Simplified Equation of State at High Pressures and its Application to Surface Films on Liquids and Solids	S. Ross C.H. Secoy	U	3/15/48
ORNL-42 97,98,99, 100,101/A	Purification of Clinch River Water by Coagulation and Demineralization	J.B. Chrisney	U	3/48
ORNL-43 42,43,44, 45/A	Report for the Month Ending April 30, 1948	J.S. Felton	R	4/30/48
ORNL-44 48,49,50, 51/A	Research and Development Progress Report for the Month of March 1948		S	5/7/48
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Reports Received From Standard Oil Company:

SOD-5 48,49,50, 51/A	Progress Report for April, 1948		S	5/7/48
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A-4777 3C(PRD)	Report on B-4 Pump	A.A. Abbatiello	S	11/9/45
ANL-FWHZ-149 10/A	Crystal Structure of Uranium Silicides	W.H. Zachariasen	S	12/29/47
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BR-227 5/B	Determination of Number of Neutrons Emitted From a Source	J. Rotblat	D	10/42- 1/43
BR-258 3/B	Investigation of the Delayed Neutron Emission From Fission Products, Using a Modulated Source of Primary Neutrons	N. Feather	D	8/1/41
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BR-282 2(TID)B	The Preparation of a Further 30 KG. Acid-Free Anhydrous X-YL Sulphate	C.R. Beveridge A. Collier	S	8/23/43
BR-313 1/C(HMR)	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 9C(AVP)	$\alpha$ -Particle Group Analysis Using a Parallel-Plate Ionization Chamber: Effect of Variation of Stopping Power With Velocity		D	6/30/43
BR-452 6C(AVP)	The Energy Spectrum of the Neutrons From the Lithium (p.n.) Reaction	B.B. Kinsey S.G. Cohen	S	
BR-506 5C(AVP)	Iodine 131 and 133 as Fission Indicators	E. Broda	D	9/44
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BR-515 5/F(TIB)	Tests Concerning the Reproducibility of the RaBeF <sub>4</sub> Neutron Standard and its Calibration as a Source of Neutrons	D.H. Wilkinson	D	6/1/44
CL-P-400 13/TA	Abstracts of Project Literature on the Solvent Extraction of Uranium	L.H. Gervantman	S	3/30/45
CP-2245 58/A	A Sensitive Particle Ionization Chamber for Neutron Detection	W.J. Sturm J. Dabbs	C	11/21/44

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LA-658 56,57,58, 59/TA	Organization and Function of the CMR-Contaminated Clothes Laundry	J.F. Tribby	C	1/28/48
LAMS-678 5 unnumbered	Some Applications of Electronics to Precision D.C. Measurements and Control	H.T. Gittings	U	1/23/48
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M-3340 2 unnumbered	Report on the Physical Properties of Beryl and Zirconium	Penn. State College	U	11/14/46
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M-4069 3/TC	Molecular Distillation Method for the Separation of Uranium Isotopes	T.I. Taylor J.K. Taylor R.J. Britten F.R. Smith	S	1/10/46
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NP-111 10/TC	An Accelerometer Under Development at the Naval Ordnance Test Station, Inyokern, California	S.F. Eyestone R.G. Knutson R.E. Alexander	C	9/4/46
NP-129 2/TA	Monthly Research Report	W.H. Leahy	C	1/1/48
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TID-19 108,109,110/B	U.S.A.E.C. Research and Development Reports Vol IV No. 9		S	5/15/48
TID-48 202,203, 204,205/A	Abstracts of Research and Development Reports Vol. II No. 8		S	4/30/48
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HE-150-42 1 unnumbered	Time Constants for Vacuum Gage Systems	S.A. Schaaf R.R. Cyr	U	3/31/48

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UR-23 88,89,90, 91,92/B	Uranium and Citrate Excretion	J. Gruschow W. Mann	R	
UR-24 88,89,90, 91,92/B	B. The Retention of Uranium Dioxide in Rabbits.	C. LaBelle C. Booth R. Barrett	R	4/19/48
UR-25 88,89,90, 91,92/B	The Production of Leukopenia by Chronic Irradiation of the Abdominal Viscera of the Cat	W.S. Adams J.S. Lawrence	R	4/30/48
UR-26 87,88,89, 90,91/B	A Quantitative Study of the Reaction Between Beryllium and Quinizarin, 2-Sulfonic Acid	M.W. Cucci W.F. Neuman B.H. Mulryan	R	5/6/48
UR-27 87,88,89, 90,91/B	NA Outline of a Beryllium Program	H.C. Hodge J. Howland, S. Laskin W.A. Maynard, W.F. Neuman A. Rothstein, J.K. Scott, H.E. Stokinger	R	5/6/48

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M-355 5 unnumbered	Environmental Studies in Plants and Laboratories Using Beryllium Part 1: The Acute Disease	M. Eisenbud C.F. Berghout L.T. Steadman	U	4/30/48
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Misc-1948-31 1 unnumbered	On the Capture of Negative Mesons Technical Report No. 9	O. Piccioni MIT	U	1/8/48
Misc-1948-34 1 unnumbered	Interpretation of Cosmic Ray Phenomena Technical Report No. 7	B. Rossi MIT	U	3/22/48
Misc-1948-35 1 unnumbered	Progress Report 5/1/48 Technical Report No. 1	Depts. of Elect. Eng. & Physics, Purdue	U	5/1/48
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1225	Ion Exchange as a Separations Method - III. Equilibrium Studies of the Reactions of Rare Earth Complexes With Synthetic Ion Exchange Resins	E.R. Tompkins S.W. Mayer
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