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UNIVERSITY OF CALIFORNIA

Radiation Laboratory

Berkeley, California

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LIST OF UNCLASSIFIED REPORTS RECEIVED AND ISSUED IN THE UCRL  
INFORMATION DIVISION DURING THE PERIOD MARCH 16-31, 1955

March 31, 1955

Printed for the U. S. Atomic Energy Commission

LIST OF CODES FOR REPORT NUMBERS

ACCO -American Cyanamid Co.  
AERE -Atomic Energy Research Establishment, Harwell, England  
AFCRC -Air Force Cambridge Research Center  
AMRL -Army Medical Research Lab., Fort Knox  
ANL -Argonne National Lab.  
ANP -Aircraft Nuclear Propulsion Project, Oak Ridge  
APEX -General Electric Co., Aircraft Gas Turbine Div.  
ASTIA -Armed Services Technical Information Agency  
BM -Bureau of Mines  
BM-II -Northwest Electrodevelopment Lab., Bureau of Mines,  
Albany, Oregon  
BMI -Battelle Memorial Institute  
BNL -Brookhaven National Lab.  
BRL -Ballistic Research Labs., Aberdeen Proving Grounds  
CEA -Commissariat à l'Énergie Atomique, France  
CEI, CRC, CRE, CRP, CRT and others  
-Chalk River Project, Canada  
CEPS -Commonwealth Edison Co.  
CERN -European Council for Nuclear Research  
CF -Oak Ridge National Lab., Central Files  
CU -Columbia University  
DC -General Electric Co., ANP Project  
DOW -Dow Chemical Co.  
DP -E. I. du Pont de Nemours and Co.  
FMPC -National Lead Co. of Ohio  
HW -Hanford Works, Richland, Wash.  
ISC -Iowa State College  
JENER -Jount Establishment for Nuclear Energy Research, Norway  
K -Carbide and Carbon Chemicals Co., K-25 Plant  
KAPL -Knolls Atomic Power Lab.  
KLX -Vitro Corp. of America  
LA, LADC, LAMS  
-Los Alamos Scientific Lab.  
LRL, LWS  
-California Research and Development Co.  
MIT -Massachusetts Institute of Technology  
MLM -Mound Lab.  
Monograph  
-Bell Telephone System  
MTA -California Research and Development Co.  
NAA -North American Aviation, Inc.  
NBS -National Bureau of Standards  
NM -Naval Medical Research Institute  
NRL -Naval Research Lab.  
ONRL -Office of Naval Research, London  
ORNL -Carbide and Carbon Chemicals Co., Oak Ridge National Lab.  
PR -Chalk River Project, Canada

SEP -Sylvania Electric Products, Inc.  
TEI, TEM -U. S. Dept. of Interior, Geological Survey  
TID -Technical Information Service, Oak Ridge  
UCLA -Univ. of California at Los Angeles  
UR -Univ. of Rochester  
USNRDL -U. S. Naval Radiological Defense Lab.  
WAPD -Westinghouse Electric Corp., Atomic Power Division  
Y -Carbide and Carbon Chemicals Co., Y-12 Plant

Many prefixes used for research and development reports cover a number of installations. NP("Non-Project") numbers are assigned by the Technical Information Service at Oak Ridge to those reports which it receives from sources not under contract to the Atomic Energy Commission. The UCRL Information Division gives "Misc" numbers to any others received here that do not bear an identifying number. Many reports are grouped together under numbers corresponding to an AEC division or operations office. Some of these are as follows:

CO, COO -Chicago Operations Office  
IDO -Idaho Operations Office  
NYO, NYOO -New York Operations Office  
ORO -Oak Ridge Operations Office  
RMO -Raw Materials Division  
WASH -Atomic Energy Commission, Washington

In our semimonthly "List of Reports Received" the originating installation will be placed in the author column whenever the report code number does not indicate a specific laboratory, or is obsolete or not given in this list.

Two series of translations are currently received, one sponsored by the AEC (AEC-tr), the other by the National Science Foundation (NSF-tr).

LIST OF UNCLASSIFIED REPORTS RECEIVED AND ISSUED IN THE UCRL  
INFORMATION DIVISION DURING THE PERIOD MARCH 16 - 31, 1955

Radiation Laboratory, Department of Physics  
University of California, Berkeley, California

March 31, 1955

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<u>BIOSCIENCES</u>			
ACRH-2	Semiannual Report to the Atomic Energy Commission	L.O. Jacobson Argonne Cancer Research Hospital	9-54
AECU-2967	Radiation Safety in Industrial Radiography with Radioisotopes	P.M. Frazier C.R. Buchanan G.W. Morgan Isotopes Div. AEC	11-54
AECU-2977	Status Report of Lobund Study on Comparative Effects of Total Body Radiation	H.A. Gordon W.C. Scruggs Notre Dame University	11-16-53
AECU-2981	Utilization of the Gross Fission Products Progress Report 7	L.E. Brownell L.C. Anderson H.J. Gomberg Eng. Research Inst., Univ. of Mich.	12-54
BNL 305 (C-20)	The Thyroid Report of Symposium held June 9 to 11, 1954		
CVAC-262T	An Investigation of the Operating Character- istics of the Fast Neutron Dosimeter	J.T. Bracken E.A. Rollor J.A. Mohrbacher Consolidated Vultee Aircraft Corp.	7-26-54
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LA-1849	Relation Between Specific Ionization of Various Radiations and their Relative Biological Effectiveness in Mammalian Systems	J.Furchner	9-54
MLCR No. 49	Effect of Large Doses of Atropine Sulfate on Egg and Personality Structure	H.E.Himwich Chemical Corps Medical Lab. Army Chemical Center	12-54
NM 007 081.17. 01	Effects of Combined Action of Histamine and Potassium on Mice and Guinea Pigs	R.L.Zwemer R.Truscoe J.J.Martorano	11-23-54
*NP-5516	Biological and Medical Aspects of Ionizing Radiation. Tolerance to Simulated Altitude After Whole-Body X-Irradiation in Guinea Pigs	E.B.Konecci School of Aviation Medicine	10-54
NP-5526	Quarterly Progress Report No. 14	Chicago Univ. Air Force Radiation Laboratory	1-15-55
NYO-4916	Incorporation of Formate- $^{14}C$ and Bicarbonate- $^{14}C$ into Normal and X-Irradiated Chick Embryos	P.S.Lavik G.W.Buckaloo G.Jackson Western Reserve Univ. School of Medicine	3-10-55
TID-5252	Statistical Analysis of the Medical Effects of the Atomic Bombs From the Report of the Joint Commission for the Investigation effects of the Atomic Bomb in Japan	A.W.Oughterson G.V.LeRoy A.A.Liebow Army Inst. of Pathology	2-28-55
UCLA-325	Comparison of Strophanthin-K and Tryptamine-Strophanthidin After Intraventricular Injection in Unanesthetized Dogs	T.J.Haley S.J.Weinberg	3-8-55
UCLA-326	The Size and Shape of Hyaluronic Acid from Vitreous Humor <sup>1</sup>	J.W.Rowen R.Brunish	3-15-55

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UCLA-327	Effect of Chlorpromazine on Cardiac Arrhythmias Induced by Intra-Cerebral Injection of Tryptamine-T.J.Haley Strophanthidin	S.J.Weinberg T.J.Haley	3-18-55
*UR-141	Effect of Aureomycin on Coagulation Time	F.W.Furth J.Shrier J.W.Howland Atomic Energy Project, Univ. of Rochester	

CHEMISTRY

*AECU-2989	The Recovery of Metals from Sulfide Ores by High Temperature-High Pressure Techniques. I. Leaching of Molybdenite	W.H.Dresher W.M.Fassell, Jr. M.E.Wadsworth Inst. for the Study of Rate Processes, Univ. of Utah	12-1-54
AECU-2991	Progress Report	Lab. for Nuclear Science and Engineering Mass. Inst. of Tech.	11-30-54
A.E.R.E. Trans. 11/3/5/428	Complexometric Titrations (Chelatometry) IX Introduction and Review	R.Pribil	5-54
A.E.R.E. Trans. 11/3/5/439	The Specific Titration of Zinc and Cadmium with Complexone in the Presence of Certain Other Metal Ions	H.Flaschka	8-54
ANL-5359	Equipment and Procedures for Studying the Equilibrium Solubility of Iron in NaK	P.G.Drugas L.R.Kelman	9-4-53
BMI-982	Reaction of Hydrogen with Uranium	W.M.Albrecht M.W.Mallett	2-17-55
BNL 323(T-56)	Progress Report on Waste Processing Development Project Description of Calcliner Pilot Plant	F.Hittman B.Manowitz	12-54
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*CCC-1024-TR-85	The Preparation and Properties of Tetra-Alkyl-Ammonium Borohydrides	E.K.Wallace J.Bridges J.Dering Penn. Coll. for Women	1-12-55
*CCC-1024-TR-86	Vaporization Studies of Boric Oxide	J.L.Margrave J.R.Soulen Wisconsin Univ.	1-14-55
*GPR-4/54	Radioactivity Division General Progress Report [for] October-December 1954	Dept. of Mines and Technical Surveys. Mines Branch (Canada)	1-17-55
ISC-380	Electrical Properties of Crystalline Boron	W.C.Shaw D.E.Hudson G.C.Danielson	8-53
ISC-565	The Solubility of Some Metals in Their Molten Halides	J.D.Corbett S. van Winbush	1-27-55
ISC -571	Volumetric Determination of Zirconium An EDTA Method Involving Back-Titration with Bismuth	J.S.Fritz M.Johnson	2-1-55
ISC-581	The Lower Oxidation States of Gallium. I. The $GaI_3$ - $GaI_2$ - $GaI$ System	J.D.Corbett R.K.McMullan	2-24-55
K-1191	Viscosities of the Binary Gas Mixtures, Methane-Carbon Dioxide and Ethylene-Argon	W.M.Jackson Carbide and Carbon Chemicals Co. (K-25)	3-15-55
LA-1873UNM	The Exchange Reaction Between Substituted Benzyl Iodides and Potassium Iodide IV. p-Iodobenzyl Iodide	M.Kahn J.L.Riebsomer	12-54
NBL-104	Determination of Oxygen in Calcium Metal	A.R.Eberle M.W.Lerner G.J.Petretic New Brunswick Lab. AEC	3-55

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NM 000 018.06. 35	On the Theory of the Donnan Membrane Equilibrium	T.L.Hill	6-29-54
*NP-5509	A Study of the Contact Time in Pilot Plant Agitators Using A Radioactive Tracer	J.C.Turgeon Dept. of Mines and Technical Surveys. Mines Branch (Canada)	11-29-54
NRL-4475	Further Studies on the Anodization of Lead in Sulfuric Acid Solution	J.J.Lander	1-31-55
*NYO-616	Second Annual Report [Solvent Extraction of Inorganic ions in 2 ether systems]	L.G.Bassett Rensselaer Polytechnic Inst.	11-1-50
*NYO-3956 (Suppl 1.)	The Heat of Formation of Sodium Hydride. Supplement to [The Heat of Formation of Lithium, Sodium and Potassium Hydrides.]	C.E.Messer L.G.Fasolino Tufts College	9-1-54
NYO-6324	Application of Chemical Thermodynamics to the Study of Alloy Formation Progress Report for October 1, 1954 to January 1, 1955	W.E.Wallace R.S.Craig T.D.Btotherton, et al Pittsburg Univ.	1-7-55
ORNL-1641	The Salicylate Method for Determining Microgram Amounts of Uranium	P.F.Thomason L.A.Nutting U.Koskela, et al	3-10-55
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*WADC-TR-54-185 (pt. 1)	Thermal and Related Physical Properties of Molten Materials. Part 1. Thermal Conductivity and Heat Capacity of Molybdenum Disilicide	C.T.Ewing B.E.Baker Naval Research Lab.	7-54
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ENGINEERING

*NACA-TN-3141	Combined Natural and Forced-Convection Laminar Flow and Heat Transfer of Fluids with and without Heat Sources in Channels with Linearly Varying Wall Temperatures	S.Ostrack	4-54
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GEOSCIENCES

*GPR-4/54	Radioactivity Division General Progress Report [For] October-December 1954	Dept. of Mines and Technical Surveys. Mines Branch(Canada)	1-17-55
*NP-5508	Electronic Concentration of Low Grade Ores with Lapointe Picker	A.H.Bettens C.Lapointe Dept. of Mines and Technical Surveys Mines Branch (Canada)	11-23-54

METALLURGY AND CERAMICS

*ACSIL/Liby- 9	Select Bibliography of Published References to Ultrasonic Non-Destructive Testing	H.L.R.Hinkley Admiralty Center for Scientific Info. & Liaison London (England)	2-52
*AD-34449	An Investigation of Overcoming Rheotropic Embrittlement in Titanium and Titanium Base Alloys. Quarterly Report No. 2 [For] November 15, 1953 to February 15, 1954	E.J.Ripling Case Inst. of Tech.	3-15-54
*AD-40234	Pilot Production of Promising Elevated Temperature Titanium-Base Alloys. Progress Report No. 12 [For] April 1, 1954 to April 30, 1954	D.H.Turner D.J.McPherson Armour Research Foundation	6-21-54

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*AD-40272	The Extrusion of Titanium. Phase Report for August 1, 1953 to June 30, 1954	A.M.Sabroff W.M.Parris P.D.Frost Battelle Memorial Inst.	8-25-54
ISC-572	The Rachinger Conversion Rule	B.A.Rogers Louis Ried, Jr. P.E.Palmer	2-8-55
*MET.I.-3	Effects of Cold Working on Corrosion of High Purity Aluminum in Water at High Temperatures	M.J.Lavigne Chalk River Proj. Canada	11-4-54
MISC 1955-39	"Development and Application of Barium Titanate Ceramics as Non-Linear Circuit Elements"	A.I.Dranetz G.N.Howatt J.W.Crownover Glenco Corp.	
*NP-5501	Research on Creep Structure Characteristics of Titanium and its Alloys. Final Report. [The High Temperature Behavior of Titanium and some of its Alloys.]	L.S.Richardson J.Lunsford N.J.Grant Mass. Inst. of Tech.	1954
*NP-5507	Summary of Symposium on Surface Treatment of Titanium, Sponsored by Watertown Arsenal Laboratory and Held at Armour Research Foundation, Chicago, Illinois, on January 28, 1953	Metallurgical Advisory Committee on Titanium	1953
*NP-5510	Minutes of Titanium Symposium on Diffusion and Mechanical Behavior. Sponsored by Watertown Arsenal Laboratory and Held at Columbia Univ. June 9 and 10, 1954	Same	1954
*NP-5514	The Effects of Stress Concentration and Triaxiality on the Plastic Flow of Metals. Technical Report No. 31. Ductility of Steels with Different Amounts of Hydrogen	Taiji Toh W.M.Baldwin, Jr. Case Inst. of Tech.	1-55

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NYO-3497	The Welding of Type 347 Steels Weld Qualification Tests on Modified Type 347 Welding Electrodes	L.K.Poole Arcos Corp.	11-7-54
NYO-6263	The Adaptation of New Research Techniques to Mineral Engineering Problems	Project Research Staff, MIT	1-31-55
NYO-6297	Study of Metal-Ceramic Interactions at Elevated Temperatures Quarterly Progress Report for the Period Ending January 1, 1955	W.D.Kinery F.H.Norton Mass. Inst. of Tech.	1955
NYO-6324	Application of Chemical Thermodynamics to the Study of Alloy Formation Progress Report for October 1, 1954 to January 1, 1955	W.E.Wallace R.S.Craig T.D.Btotherton, et al Pittsburgh Univ.	1-7-55
NYO-6447	The Measurement of Thermal Conductivity of Refractory Materials Quarterly Progress Report Ending January 1, 1955	W.D.Kingery F.H.Norton Mass. Inst. of Tech.	1955
NYO-7162	Technical Progress Report (Diffusion in Metals)	Franklin Inst.	3-55
*WADC-TR-52-67	Mechanical-Property Tests on Ceramic Bodies Annual Report	W.H.Duckworth A.D.Schwope O.K.Salmassy, et al Battelle Memorial Inst.	3-52
*WADC-TR-53-71	Effect of Strain Rate on the Mechanical Properties of Titanium-Base Materials	D.R.Luster, W.W.Wentz J.P.Catlin Rem-Cru Titanium, Inc.	9-53
*WADC-TR-53-254 (Pt. 1)	Survey of Low-Alloy Aircraft Steels Heat-Treated to High Strength Levels. Part 1. Hydrogen Embrittlement	G.Sachs W.Beck Syracuse Univ.	6-54

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*WAL-401/68-47	[Research and Development on the Fatigue Properties of Titanium and its Alloys.] Effect of Speed of Testing and Internal Heating on the Fatigue Behavior of Notched Specimens of Titanium and its Alloys. Final Report	J.G.Kaufman R.G.Crum E.D'Appolonia Carnegie Inst. of Tech	11-54
*WAL-401/203-3	Development of Titanium-Base Alloys of High Strength and Toughness. Interim Technical Report No. 2 [For] January 1, 1954 - April 30, 1954	C.R.Lillie D.J.McPherson Armour Research Foundation	9-22-54
WAL-401/230	Heat Treatment of Large Sections of Titanium Alloys. Interim Technical Report No. 1	A.F.Weinberg D.W.Levinson Armour Research Foundation	10-29-54
*WAL-821/9	Survey and Bibliography on the Determination of Thermal Conductivity of Metals at Elevated Temperatures	R.D.Seibel Watertown Arsenal Lab.	8-15-54
WAPD-RM-159	Extrusion of Zircaloy 1 by Urine-Sejournet Glass Process	J.Halapatz Westinghouse Electric Corp.	3-30-53

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AECD-3641	The Electromagnetic Concentration of the Isotopes of Hafnium	L.O.Love W.A.Bell Oak Ridge Nat'l Lab. Y-12 Area	2-5-51
AECU-2991	Progress Report	Mass. Inst. of Tech. Lab. for Nuclear Science and Engineering	11-30-54
APEX-179	Cloud Dosage Calculations	R.L.Waterfield	4-5-54
*CERN/T/A- A B-M-1 *Microcards	Intensity Rules for Nuclear Beta and Gamma Transitions to Rotational States	G.Alaga A.Bohr K.Alder, et al, Inst. for Teoretich (Denmark)	8-54

*CERN/T/B-F-M-1	On the Fine Structure in Alpha Decay	A.Bohr P.O.Fröman B.R.Mottelson Institut for Teoretish Fysik, Copenhagen (Denmark)	8-54
*CERN/T/CM-1	Notes on Professor C. Moller's Lecture on Pseudoscalar Meson Theory	European Council for Nuclear Research	10-52
*CERN/T/GL-5	On Some Symmetry Operations in Quantum Theory. (Lecture Notes)	G.Lüders	3-53
*CERN/T/JH-1	Summary of the Evidence of Heavy Mesons	J.E.Hooper	3-53
*CERN/T/KA-1	The Consequences of the Charge Independence in Meson Physics	K.Alder	3-53
*CERN/T/NMH-1	The Tamm-Dancoff Method in Configuration Space	N.M.Hugenholtz	6-54
*CERN/T/OKH-1	The Fermi Interaction in $\beta$ -Decay	O.Kofoed-Hansen	10-20-52
*CERN/T/RH-1	The Relativistic Quantum Theories of Interacting Particles	R.Haag	11-53
CU-6-54 SC-42519	Quarterly Report Number Six	Columbia Radiation Lab., Columbia Univ.	4-30-54
CVAG-245T	A Monte Carlo Evaluation of Single Scattering Integrals	E.Feinauer Consolidated Vultee Aircraft Corp.	3-19-54
HW-33122	Two Techniques for Fast Neutron Detection Using the $S^{32}(n,p)p^{32}$ Reaction	R.L.Tomlinson	1-12-55
ISC-510	Decay Characteristics of Some Shortlived Nuclides of Low Atomic Number	R.M.Kline D.J.Zaffarano	7-54
ISC-578	An Accurate Digital Count-To-Analog Voltage Converter Employing A Reliable Decade Scaler	W.A.Rhinehart D.J.Zaffarano, et al	2-10-55

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ISC-583	The Photodeuteron/Photoproton Yield From Sulfur	L.S.Ring.Jr.	3-2-55
KAPL-1269	Slowing Down of Neutrons By Hydrogenous Moderators	H.Hurwitz,Jr. P.F.Zweifel	2-10-55
KAPL-1276	Method of Measuring HI-MEG Resistors	E.J.Wade	1-7-55
KAPL-1280	The Kron Electric Circuit Model and its Solution by the Method of "Tearing" for a Two-Dimensional (r,z) Problem in Neutron Diffusion	M.L.Storm	2-10-55
MHB-2	Magnetic Forces in the Exciting Coil of Magnet Model No. 3	M.H.Blewett Brookhaven National Lab.	2-1-55
MHB-3	Computed Fields and Gradients in Model 2, Pole-Tip Configuration 2	M.H.Blewett Brookhaven National Lab.	2-8-55
MIT-ENIG-SL-TECH. RPT. #3	Technical Report No. 3 Pulse-Amplitude Analysis in Nuclear Research	A.B.Van Rennes	
MIT-ENIG-SL-TECH. RPT. #4	Technical Report No. 4 A - C Ionization Detector	D.R.Whitehouse Servomechanisms Lab. Mass. Inst. Of Tech.	
MIT-RLE-TECH-Rpt. 258	Criteria for Docile Behavior of Feedback Amplifiers Technical Report 258	S.J.Mason	6-10-54
NAC-1	The Temperature Effects of Heavy Rains Upon the Circular Tunnel Enclosure for the Magnet Ring of the 25 Bev Accelerator	N.A.Christensen Brookhaven Nat'l Lab.	1-25-55
NBS Circular 558	Bibliography and Index on Dynamic Pressure Measurement	W.G.Brombacher T.W.Lashof	2-14-55
ORNL-1862	Angular Correlations in Orbital Capture	H.Brysk M.E.Rose	3-23-55
*RPR-128 *Microcards	Electronic Computer Test and Monitor Equipment	R.D.Ryan Radiophysics Lab., Univ. of Grounds, Australia	4-54

*RPR-129	Mercury Delay Line Memory C.S.I.R.O. Computer	R.D.Ryan Radiophysics Lab., Univ. Grounds, Sydney (Australia)	6-54
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REACTOR SCIENCE

BNL-280(T-47)	The Combined Effect of Delayed Neutrons and Temperature on Reactor Kinetics	R.S.Margulies	7-54
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BNL-322 (T-55)	Liquid Metal Fuel Reactor (LMFR) Processing Loops. Part I Design, Construction, and Corrosion Data This report is the unclassified version of BNL 282 (Confidential) which was declassified with deletions by the Declassifi- cation Branch, USAEC, December 13, 1954	C.J.Raseman J.Weisman	
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KAPL-1161	Control Rod Gas Seals	W.A.Heywood	1-25-55
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ORNL-1840	Calculations of Shielding for Burned-Out Reactor Fuel Elements	H.E.Stern	12-22-53
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R53GL186	Submarine Advanced Reactor Gas Turbine Cycle Study	E.A.Sheehan A.O.White General Eng. Lab. General Electric Co.	9-29-53
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*WAPD-RM-167	Handbook of Formulas For Two Group Criticality Calculations in Homogeneous Reactors	H.L.Garabedian	2-53
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MISCELLANEOUS

*AD-42468	Apparatus for Investigating Particle-Size Distribution of Aerosols. Progress Report for October 1953	J.L.Hammond Jr. A.E.Williamson Jr. E.B.Dismukes, Stanford Research Inst.	11-30-53
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ANL-5401	Additions to the Library Report for the Period February 16-28, 1955 Technical Reports and Books	P.A.Schulze	
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ANL-5408	Additions to the Library Report for the Period March 1-15, 1955 Technical Reports and Books	P.A.Schulze	
ASTIA-U-73	Title Announcement Bulletin No. U-73		2-25-55
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MISC 1955-16 No. 9-3	European Scientific Notes No. 9-3	Office of Naval Research London	3-1-55
MISC 1955-38 #16	Bibliography of Translations From Russian Scientific and Technical Literature List No. 16	The Scientific Translations Center Library of Congress	1-55
MISC 1955-42 Part I	Hearings Before the Joint Committee on Atomic Energy Congress of the United States Eighty-Fourth Congress First Session on Development, Growth, and State of the Atomic Energy Industry Part 1 of Three Parts January 31, Feb. 1, 3, and 4, 1955	United States Congress	1955
MISC 1955-42 Pt. 2	Hearings Before the Joint Committee on Atomic Energy Congress of the United States Eighty- Fourth Congress First Session on Development, Growth, and State of the Atomic Energy Indus- try Part 2 of Three Parts February 7,8,9, and 10, 1955	United States Congress	1955
NACA-Abstract #79	Research Abstracts No. 79		3-11-55
NBS-3934	Semiannual Progress Report of the Office of Basic Instrumentation For the period Ending December 31, 1954		
*NP-5513	Construction and Operation of a Rotating-Mirror Framing Camera and Synchronizer. Technical Report No. XXXX	W.O.Ursenbach Inst. for the Study of Rate Processes, Univ. of Utah	11-5-54

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*WADC-TR-54-37	Development of a Gear and Spline Lubricant Tester	J.Morris J.Goldsworthy J.Scott, et al Western Gear Works	10-54
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UCRL-2698	An Experimental Ion Source for the 184-Inch Cyclotron	W.F.Stubbins	2-1-55
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UCRL-2853	Photosynthesis	J.A.Bassham M.Calvin	2-55
UCRL-2857	X-Irradiation and Lipoprotein Metabolism in Various Species	J.E.Hewitt T.L.Hayes	1-31-55
UCRL-2859	Flexible Transfer Tube for Liquid Hydrogen	R.C.Mathewson	2-1-55
UCRL-2861	Decay Properties of U <sup>232</sup>	F.Asaro I. Perlman	2-7-55
UCRL-2862	Amino Acid Composition of the Proteins of The Serum Lipoproteins	B.Shore	2-10-55
UCRL-2865	A 36 - Atmosphere Diffusion Cloud Chamber	J.B.Elliott G.Maenchen P.H.Moulthrop, et al	2-18-55
UCRL-2877	Systematics of Neutron Capture Cross Sections	B.G.Harvey	2-21-55
UCRL-2879	Development of a Mercury Jet Switching System	W.R.Davis J.H.Deery	1-17-55
UCRL-2883	List of Unclassified Report Received and Issued in the UCRL Information Division During the Period February 16-28, 1955		
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UCRL-2922

List of Unclassified Reports Received and Issued  
in the UCRL Information Division During Period  
Covering March 1 - 15, 1955

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