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Radiation Laboratory
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LIST OF UNCLASSIFIED REPORTS RECEIVED AND ISSUED BY THE UCRL
INFORMATION DIVISION DURING THE PERIOD OF APRIL 16-30, 1956

May 4, 1956

Printed for the U. S. Atomic Energy Commission

LIST OF CODES FOR REPORT NUMBERS

ACCO -American Cyanimid Company
AEP -Monsanto Chemical Company
AERE -Gt. Brit. Atomic Energy Research Establishment, Harwell, Berks. England
ALCO -American Locomotive Company
AMF -American Machine & Foundry Co.
ANL -Argonne National Laboratory
ANP -Aircraft Nuclear Propulsion Project
APEX -General Electric Company, ANP Project
ASTIA -Armed Services Technical Information Agency, Dayton, Ohio
BAW -Babcock & Wilcox
BDX -Bendix Aviation Corp., Detroit
BMI -Battelle Memorial Institute
BNL -Brookhaven National Lab.
BRB -Bridgeport Brass Company
BSC -Bethlehem Steel Company
CENP -Combustion Engineering, Inc.
CERN -European Organization of Nuclear Research, Geneva
COO -Chicago Operations Office
CU -Columbia University
DCDE -Atomic Power Development Associates
DLWK -Duquense Light Co-Walter Kidde
DOW -Dow Chemical Company
DP -E.I. duPont de Nemour & Co.
FWE -Foreign Weapons Effects
GAT -Goodyear Atomic Corporation
GEAP -General Electric Company
GEL -General Electric Co., General Engineering Laboratory
HEC -Hooker Electrochemical Co.
HO -Hanford Operations Office
HW -Hanford Works, Richland
IDO -Idaho Operations Office
ISC -Iowa State College
K -Carbide and Carbon Chemicals Co. (K-25 Plant)
KAPL -Knolls Atomic Power Laboratory
KLX -The Vitro Corporation of America
KLXS -Vitro Corporation of America (Study Group)
KY -Carbide and Carbon Chemicals Co. (C-31 Plant)
LA&LAMS -Los Alamos Scientific Lab.
MCW -Mallinckrodt Chemical Works
MIT -Massachusetts Inst. of Tech.
MLM -Mound Laboratory
NAA-SR -North American Aviation, Inc.
NBL -New Brunswick Laboratory
NBS -National Bureau of Standards
NEA -Foster Wheeler-Pioneer Service
NLCO -National Lead Company of Ohio
NMI -Nuclear Metals Inc.
NNSD -Newport News Shipbuilding and Dry Dock Co.
NPG -Commonwealth Edison Co. (Nuclear Power Group)
NRL -Naval Research Laboratory, Washington D.C.
NYO -New York Operations Office
ORINS -Oak Ridge Institute of Nuclear Studies

ORNL	-Carbide & Carbon Chemicals Co. (ORNL)
ORO	-Oak Ridge Operations Office
PWAC	-Pratt & Whitney Aircraft Division of the United Aircraft Corp.
RFP	-Rocky Flats Plant
RME	-Grand Junction Operations Office
RMO	-Division of Raw Materials
SAN	-San Francisco Operations Office
SC	-Sandia Corporation
SEP	-Sylvania Electric Products, Inc.
SFO	-Santa Fe Operations Office
SRO	-Savannah River Operations Office
SO	-Schenectady Operations Office
TEI(M)	-U. S. Geological Survey Trace Elements Reports
TID	-Technical Information Service
TVA	-Tennessee Valley Authority
UCLA	-University of California Medical Research Laboratory
UCRL	-University of California Radiation Laboratory
UR	-University of Rochester
USNRDL	-U.S. Naval Radiological Lab., San Francisco, Calif.
UWFL	-University of Washington Applied Fisheries Laboratory
WAPD	-Westinghouse Electric Corp., Bettis Plant
WASH	-AEC, Washington
WEC	-Westinghouse Electric Company Industrial Atomic Power Group
WIN	-National Lead Co., Inc. Winchester
WT	-Weapon Test Reports
Y	-Carbide and Carbon Chemicals Company (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 received 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 the 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 BY THE UCRL
INFORMATION DIVISION DURING THE PERIOD OF APRIL 16-30, 1956

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

May 4, 1956

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*CF-56-3-60	Progress Report: Spectrographic Analysis of Tissues for Trace Elements July 1, 1955 Through December 31, 1955	I.H.Tipton M.J.Cook R.S.Steiner, et al. Oak Ridge Nat'l Lab.	3-12-56
MLM-1003	Determination of Radium-226, Actinium-227, and Thorium-228 in Human Urine (Ad Interim Report)	H.W.Kirby R.M.Brodbeck	8-20-54
MLM-1052	Diffusion of Synthetic and Natural Polyphosphates	B.J.Katchman H.E.Smith	6-10-55
NYO-4927	The Use of the Hepatoscan for the Visualization of Liver Abnormalities	A.M.Rdjali W.J.MacIntyre H.L.Friedell Western Reserve Univ.	3-17-56
UCLA-363	Effects of Irradiation <u>In Vivo</u> on Bacterial Deoxyribonucleic Acid	A.Norman J.W.Rowen B.Evans	4-16-56
UR-440	The Relationship Between Surface Grade and Depth of Damage of Burns Produced by Radiant Thermal Energy	J.R.Hinshaw H.W.Bales H.E.Pearse	4-10-56
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AECD-3705	Pilot Plant Production of Throium Fluoride	N.Barson M.Smutz Ames Lab.	7-54
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AECD-3885	Laboratory Units for Dissolving, Head-End Treatment, and Solvent Extraction	J.R.Gould Knolls	10-3-52
AECD-3944	TEC-CEW Manual of Standard Analytical Methods. First Edition, with New Methods and Revisions as of December 1945	C.Casto N.Exley R.H.Smellie, Jr. et al Tenn. Eastman Corp.	10-18-49
AECD-3996	Decomposition of Water at High Temperatures and Pressures Under Reactor Irradiation	L.W.Fromm Oak Ridge Nat'l Lab.	9-16-49
AECD-4146	Separation of Polonium From Bismuth by Distillation	R.W.Endebrook P.M.Engle Mound Lab.	8-1-53
AECD-4171	Determination of Chromium in Plutonium	M.E.Smith Los Alamos	4-55
AEC-tr-1852	An Empirical Formula for Calculating the Dissociation Energy of Organic Molecules, by A.V.Savicki (i.e., Savitskii). Trans. from Akademia Nauk, SSSR. Doklady 87, 631-4 (1952)		
ANL-5524	The Structure and Properties of Artificial and Natural Graphite	T.J.Neubert J.Royal A.R.Van Dyken	2-56

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BBC-54	Separation of Hafnium from Zirconium by Multiple Recrystallization of Ammonium Fluozirconates (Lorain Operations Technical Report) Period: June 20, 1949 through August 11, 1949 - Initial Development Phase; August 11, 1949 through January 25, 1950 - Plant Phase	W.W.Beaver Brush Beryllium Co., Cleveland	8-28-50
*CCL-6.1	Evaluation of High Temperature Antioxidants in Synthetic Fluids. Quarterly Progress Report No. 1 for October 1, 1955 to January 1, 1956	J.W.Cole, Jr. D.R.Campbell Virginia Univ.	
*CF-45-2-1	Relative and Absolute Yield from Antimony and Lanthanum Photoneutron Sources	A.H.Snell Clinton Labs.	2-6-45
*CF-51-4-174	Two Alternate Dissolver Off-Gas Treatment Processes	S.H.Jury Oak Ridge Nat'l Lab.	4-18-51
*CF-51-5-170	RC-542 Consumption of Refrigerant for Off-Gas System (Liquid Nitrogen Unit)	P.J.Falivene Oak Ridge Nat'l Lab.	5-29-51
CF-51-5-193	Correlation of Mass Transfer Data From Linde Air Products Company on the Adsorption of Krypton on Activiated Charcoal	J.M.Holmes Foster Wheeler Corp.	5-29-51
*CF-51-5-207	Quarterly Report - CT - 32; Dissolver Off-Gas Treatment - Arco - W. F. Allaire	E.O.Nurmi Oak Ridge Nat'l Lab.	5-31-51
*CF-51-7-149	Activity Levels in Off-Gas System	H.O.Weeren Oak Ridge Nat'l Lab.	7-30-51
*CF-51-8-151	EBR Slug Dissolving. Quarterly Report for May Through July 1951	E.M.Sampson, Jr. Oak Ridge Nat'l Lab.	8-17-51
*CF-51-11-123	Evaluation of Reagent Decontamination; Quarterly Report for Period August 10, 1951 - November 10, 1951.	M.R.Bennett F.L.Rogers Oak Ridge Nat'l Lab.	11-21-51
*CF-51-11-186	Operation of a Ni-NaOH Thermal Convection Loop	Oak Ridge Nat'l Lab.	11-29-51

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*CF-52-1-30	Flowsheets for Several Fissile Materials Production Technology Processes	W.H.Sullivan Oak Ridge	1-7-52
*CF-52-3-151	Dissolver off-Gas Processing--Quarterly Report for Period November 10, 1951 to February 10, 1952	T.S.McMillan Oak Ridge	3-19-52
*CF-52-5-142	Instrumentation for Extraction Column Interface Control	P.E.Brown Oak Ridge	5-16-52
*CF-54-2-179	Removal of Cobalt Cyanide Complex from Anion Resin	I.R.Higgins Oak Ridge	2-23-54
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*CF-56-3-65	Investigation of Chromium-55	T.H.Handley S.A.Reynolds Oak Ridge	3-14-56
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*HDC-852	General Principles for Design of Spray and Packed Columns	R.E.Tomlinson Hanford	11-23-48
*HW-25205	The Determination of Americium in Plutonium Product Solutions	A.Chetham-Strode, Jr.	8-15-52
HW-41007	An Automatic Recording Thermobalance	C.Groot V.H.Troutner	1-20-56
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*IGO-AM/S-16	The Determination of Combined Nitrogen in Uranium Metal, Uranium Powder and Uranium Dioxide	Same	1-10-56
*IGS-TN/C-276	The Reaction of Lithium with Nitrogen	P.B.Longton Gt. Brit. Culcheth Labs., Culcheth, Lancs, England	12-12-55
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MCW-10	The Preparation of Uranous and Uranyl Sulfates	D.T.Copenhafer Mallinckrodt Chem. Works, St. Louis	4-1-46
MISC 1956-99	Generalized Thermodynamic Properties of Pure Fluids	A.L.Lydersen R.A. Greenkorn O.A.Hougen Wisconsin Univ.	10-55
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MISC 1956-103	A New Acid-Base Concept Applicable to Aqueous Systems, Fused Salts, Glasses, and Solids. Technical Report No.67	W.A.Weyl Penn.State Univ.	2-56
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MISC 1956-104	The Effects of the Polarization of the Constituent Ions on the Photoelastic Birefringence of the Glass. Technical Report No. 68	M.Tashiro Penn. State Univ.	3-56
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MLM-373	Counting Technique Studies II. Discrepance in Alpha Counting Instruments. Ad Interim Report	M.L.Curtis	4-8-49
NAA-SR-1443	Quantitative Analysis of the Terphenyls by a Compressed Pellet Infrared Method	E.L.Colichman R.F.Fish G.Bjarke	3-15-56
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ORNL-2035	Progress Report of Engineering Section Raw Materials Progress Testing for May - June, 1955		4-16-56
ORO-148	Recovery of Uranium From Saline Solutions by Biological Slimes. Final Report	B.B.Ewing W.R.Drynan E.F.Gloyna Texas Univ.	10-1-55
RT-710	On The Theory of Decay of Luminescence of Organic Phosphors, by B. Ya. Sveshnikov. Trans. from Zhurnal Eksperimental'noi i Teoreticheskoi Fiziki <u>18</u> , 878-85 (1948)		

*Microcards

RT-718	On the Kinetics of the Phosphorescence of Organic Substances, by B. Ya. Sveshnikov. Trans. from Akademiia Nauk, SSSR. Seriya Fizicheskaya. Izvestiia <u>13</u> , 67-74 (1949)		
WIN-21	Electrolytic Studies in Carbonate Solutions	A.R.Kazanjan	4-4-56
WIN-40	Resin-In-Pulp Pilot Plant Testing of Four Corners Uranium Company Ores	H.F.Wilson J.Q.Jones R.L.Shimmin	4-18-56

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AECD-4084	Gaseous Flow	C.E.Normand Tennessee Eastman Corp. Oak Ridge, Tenn.	8-27-46
AECD-4209	A Proposed Automatic Control System for the Schenectady Reactor	J.I.Owens, Jr. F.E.Crever J.H.Pigott Knolls	3-29-49
AECD-4210	Package Power Reactor No. 1 - Primary Coolant System Calculations	W.R.Gall Oak Ridge	4-29-53
*CF-49-1-65	Supplementary Report to the Design of Shim-Safety Rod	D.Nicoll Oak Ridge	12-31-48
*CF-52-8-31	Design Data for ISHR (First Edition)	R.B.Briggs Oak Ridge	8-4-52
CF-52-10-38	Pressure Drop and Gas Residence Time for a Four Foot Core	L.Cooper Oak Ridge	10-4-52
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CF-54-2-72	Calculations for HRT Main Heat Exchanger. Supplement to CF-53-12-94	C.L.Segaser Oak Ridge	2-2-54
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*CP-3435	Effect of Routing Upon Temperature of Cooling Stream	A.S.Cahn, Jr. Argonne	2-14-46
NYO-3738	Investigation of "Anti-Whirl" Bearings for Operating in an Acidic Solution Containing Abrasive Particles. Final Report for Period November 1, 1954 to May 31, 1955	C.F.Kayan G.F.Boeker D.D.Fuller Columbia Univ.	3-56

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*CF-52-11-7	Fabrication of Spherical Particles	E.S.Bomar H.Inouye Oak Ridge	11-1-52
*HW-12637	Austenitic Welds - Corrosion Resistance and Magnetic Susceptibility	W.W.Koenig R.L.Heckman	3-7-49
*HW-20725	Corrosion Data for LaBOUR Alloy R-55 and Worthite in UO ₃ Process Streams	K.L.Sanborn	1951
*HW-22779	Corrosion of Stainless Steel Type 309SCb In 200 Area Dissolver Solution Containing Mercuric Ion	K.L.Sanborn	11-20-51
*HW-24455	Trip Report of Visit to Puget Sound Naval Ship Yard for Drilling Uranium Slugs	S.S.Jones	5-6-52
*HW-27207	Results of Survey of Aluminum Alloys for Process Tube and Can Application	A.T.Taylor	2-20-53
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*HW-32755	Field Corrosion Test--Sae 1020 Carbon Steel in Redox Process Waste Solution Tank No. 104, 241-S	N.Endow K.L.Sanborn	8-11-54
KAPL-1518	Uranium Metal Preparation by Electrolytic Reduction of Oxides	L.W.Niedrach B.E.Dearing	3-12-56
MISC 1956-94	Some High Temperature Oxidation Characteristics of Nickel with Chromium Additions. Seventh Technical Report	G.E.Zima Calif. Inst. of Tech.	4-56
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AECD-3719	Analog Simulation in the Package Reactor Study	E.R.Mann F.P.Green Oak Ridge	5-15-54
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BNL-1339	Serial Reports on Start-Up Experiments. No. 3. The Subcritical Barometric Coefficient of the BNL Reactor	J.Chernick I.Kaplan	2-1-51
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*CF-50-4-3	Neutron Spectrum Emerging From a Water Shield	S.Pidgor Oak Ridge	4-3-50
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*CF-50-8-116	Resonance Absorption By Xe	A.M.Weinberg Oak Ridge	8-29-50
*CF-50-11-41	Critical Calculations for Homogeneous Low Enrichment $UO_2SO_4-D_2O$ Systems	L.C.Noderer N.F.Lansing Oak Ridge	11-13-50
*CF-50-12-25	Estimate of Effects of Higher Levels on the Resonance Integral of Xe^{135}	G.B.Arffken, Jr. T.A.Welton Oak Ridge	12-6-50
*CF-51-4-156	Centerline Foil Measurements of Thermal Neutron Intensities for Experiment 1	E.B.Johnson G.McCammon M.P.Haydon Oak Ridge	4-18-51
*CF-51-5-61	Fast Neutron Dosimeter Measurements for Experiment 1 in the Bulk Shielding Facility	R.G.Cochran H.E.Hungerford Oak Ridge	5-7-51
*CF-51-5-62	Thermal Neutron Measurements for Experiment 1 in the Bulk Shielding Facility	H.E.Hungerford, Jr. Oak Ridge	5-4-51
*CF-51-5-72	Thermal Neutron Measurements for Experiment 2 at the Bulk Shielding Facility	H.E.Hungerford, Jr. E.B.Johnson Oak Ridge	5-11-51
*CF-51-5-73	Fast Neutron Dosimeter Measurements for Experiment 2	R.G.Cochran H.E.Hungerford, Jr. Oak Ridge	5-11-51
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*CF-52-6-165	Phenomenological Theory of the Attenuation of Neutrons by Air Ducts in Shields	A.Simon C.E.Clifford Oak Ridge	6-25-52
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*CF-52-10-9	Summary of Lid Tank Neutron Dosimeter Measurements in Pure Water	T.V.Blosser C.E.Clifford Oak Ridge	10-1-52
*CF-53-2-99	Heating by Fast Neutrons in a Barytes Concrete Shield	F.H.Abernathy H.L.F.Enlund Oak Ridge	2-11-53
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*CF-54-4-142	Temperature Dependence of the Neutron Diffusion Coefficient in Heavy Water	L.C.Noderer Oak Ridge	4-20-54
*CF-54-6-165	Centerline Measurements on a 5 x 6 Fuel Element Arrangement of a Water-Reflected Reactor at the Bulk Shielding Facility	H.E.Hungerford G.M.Estabrook Oak Ridge	6-21-54
CF-54-6-200	Temperature Coefficients and Maximum Rates of Increase of Reactivity for HRT	V.K.Paré Oak Ridge	6-15-54
CF-54-7-105	Reactor Radiations through Slabs of Graphite	R.G.Cochran J.D.Flynn K.M.Henry, et al. Oak Ridge	7-30-54
CF-54-8-97	Calculation of Fission Neutron Age in NaZrF ₅	J.E.Faulkner Oak Ridge	8-31-54
*CF-56-2-78	Effect of Geometry on Resonance Neutron Absorption	L.Dresner Oak Ridge	2-2-56
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*CP-2568	Physics Section. Monthly Report for Period Ending January 31, 1945	A.H. Snell L.W. Nordheim E.O. Wollan Clinton Labs.	2-2-45
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HW-26566	A Critical Assembly for the Measurement of Lattice Reactivity	J. Ozeroff	12-16-52
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*HW-28047	Beta in Line Monitor for RCU Stream	M.B. Leboeuf R.E. Connally	5-15-53
*HW-28263	The Use and Calibration of Scintillation Counter-- Model V.	F.P. Brauer M.B. Leboeuf	8-1-53
*HW-31200	An Idea for a Wide Range Neutron Flux Monitor for High Flux Reactors	J.T. Russell	3-22-54
*HW-31482	On the Self-Depression of Thermal Flux Caused by a Small Foil	G.W. Stuart	4-16-54
*HW-32535	The Effect of EPI-Cadmium Fission of 25 in Thermal Reactors	G.W. Stuart	7-23-54
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*IDO-16062	MTR Thermal Neutron Fluxes	C.F. Leyse	2-27-52
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*IDO-16104	Gamma Attenuation in Beam Holes	C.F.Leyse	5-14-53
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NBS-3566	First Annual Report of the Boulder Laboratories, July 1, 1954 to June 30, 1955		
NEVIS-22	Phase Space Calculations (Thesis)	G.E.A.Fialho Columbia Univ.	2-56
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SUI-56-4	Direct Determination of Primary Cosmic Ray Alpha Particle Energy Spectrum by New Method	F.B.McDonald Iowa State Univ.	3-56
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WADC-TR-56-18 Traveling Wave Tubes and Related Studies D.H.Sloan 12-55
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*CF-50-3-102 Cooling of the Graphite Reflector for the Materials
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*CF-50-4-17 Cooling Requirements at Reduced Power Levels J.A.Lane 4-3-50
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*CF-51-6-9 Thermal Stress in the HRE Reflector Tank. (Rough Draft) I.Spiewak 6-5-51
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*CF-52-1-62	Overall Stability of the HRE	T.A.Welton Oak Ridge	1-5-52
*CF-52-1-160	Preliminary Results of an Experiment to Determine the Loss of Reactivity in the LITR Due to the Build-Up of Poison	T.E.Cole Oak Ridge	1-30-52
*CF-52-7-126	MTR, Relative Volumes of Aluminum, Water, Beryllium and Air in Core and Reflector	W.R.Gall Oak Ridge	7-24-52
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*CF-53-7-221	Preliminary Boiling Experiments in the SUPO Model of the Water Boiler	D.G.Thomas Oak Ridge	7-23-53
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AECD-3974	Underwater Microscope for Examination of Savannah Fuel Slugs	D.D.Friel Du Pont	6-53
AECD-3986	Traveling Probe for ZPR-II	D.F.Uecker Argonne	8-53
ANL-5564	Additions to the Library Report for the Period April 1-15, 1956 Technical Reports and Books	P.A.Schulze	
ASTIA-U-100	Title Announcement Bulletin No. U-100		3-19-56
BNL-364 (AS-9)	Annual Report July 1, 1955		
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*HW-13134	Optical Instruments for the Atomic Industry	J.M.Holeman	
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TID-1906	Report Announcement Bulletin. Unclassified Reports for Civilian Applications		4-16-56

LIST OF UCRL TRANSLATIONS ISSUED BY THE INFORMATION DIVISION

UCRL-Translation
266 (L) The Preparation of Pure Scandium Compounds, by Werner Fischer and Rudolf Bock. Trans. from Zeitschrift für anorganische und allgemeine Chemie 249 146-97 (1942)

LIST OF UNCLASSIFIED REPORTS ISSUED BY THE UCRL INFORMATION DIVISION

UCRL-3320	Neutron Yields from Thick Targets Bombarded by 18- and 32- Mev Protons (Thesis)	G.P.Millburn	2-21-56
UCRL-3324 *Microcards	Anion Exchange Separation of Molybdenum and Technetium and of Tungsten and Rhenium	E.H.Huffman R.L.Oswalt L.A.Williams	2-28-56

UCRL-3329	Alpha-Particle and Gamma-Ray Spectra of the U ²³⁰ Decay Series	F.Asaro I.Perlman	4-2-56
UCRL-3334	Angle and Energy Distributions of Charged Particles from the High-Energy Nuclear Bombardment of Various Elements	L.E.Bailey	3-1-56
UCRL-3343	The Mechanism of the Initial Steps of Reactions in Photosynthesis	J.A.Bassham K.Shibata	3-16-56
UCRL-3355	California Cattle Thyroid Activity Associated with Fallout: 1955	M.R.White E.L.Dobson	3-28-56
UCRL-3358	Thermal Decomposition of Pyruvic Acid and its Esters Leading to CO ₂	H.M.Frey	4-2-56
UCRL-3379 Abstract	The Yield of π^0 Photomesons as a Function of Atomic Number	J.D.Anderson R.W.Kenney C.A.McDonald	4-18-56
UCRL-3380 Abstract	Measurement of Electron Pair Cross Sections at Several Bev.	J.M.Brabant R.W.Kenney R.Wallace	4-56
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UCRL-3385 Abstract	Elastic Scattering of Protons at 12 Mev	H.C.Shaw H.E.Conzett R.J.Slobodrian R.G.Summers-Gill	4-20-56
UCRL-3387 Abstract	The 1.8 -Mev. Level of Be ⁹	R.G.Summers-Gill	4-56
UCRL-3389 Abstract	Single Particle States for a Spheroidal Nucleus	M.Rich	4-56

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UCRL-3390
Abstract

Nuclear Cross Sections for 4.2-Bev Negative Pions

N.F.Wikner
H.A.Bostick
B.J.Moyer

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Abstract

Nucleon Total Cross Sections for 4.2-Mev Negative Pions

H.A.Bostick
B.J.Moyer
N.F.Wikner

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