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LIST OF UNCLASSIFIED REPORTS RECEIVED AND ISSUED BY THE UCRL INFORMATION DIVISION DURING THE PERIOD OF OCTOBER 16-31,1957

November 4, 1957

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Index Number	Title	Author	Date
	BIOSCIENCES		
AEC-tr-3004	Geologic, Radiometric and Botanical Notes on the Zone, "Los Chanares", Province of Mendoza, Argentina. Trans. of a report by Argentina. Comisión Nacional de la Energía Atómica, Buenos Aires, [1957?]		
AERE-HP/M-118	An Adjustable Counting Tray for "Infinitely-Thick Source" Beta Counting in a 1271 a Counter Support with a 2B7 G. M. Tube.	F. G. May	4-57
AERE-Lib/Trans-749	The Introduction of Radioactive Isotopes of Strontium, Caesium, Ruthenium, Zirconium, and Cerium Into Plants, by I. V. Guliakin and E. V. Iudintseva. Trans. from Akademiia Nauk, SSSR. Doklady 111, 206-8 (1956).		
AERE-MED/M-17	Cadmium Poisoning.	F. M. Turner	5-57
*CF-56-3-154	Thorex Pilot Plant: Decontamination of the Feed Adjustment System and Radiation Exposures Received by Personnel Engaged in Modifying a Vapor Line in the System.	J. H. Walker, G. S. Sadowski Oak Ridge Nat'l. Lab.	3-27-56
CF-57-8-118	Radioactive Waste Treatment and Disposal. A Bibliography of Unclassified Literature.	D. L. Africk, P. E. Novak, J. O. Blomeke Same	10-3-57

*Microcards

CRB-717	Family Linkage of Vital and Health Records. I. For Population Studies of Hereditary Influences on Health. II. For Verification of Status for Welfare Programmes and Other Purposes.	H. B. Newcombe, A. P. James, S. J. Axford Chalk River Project	7-57
*HW-20055(Del.)	Effect of Hanford Pile Effluent Upon Aquatic Invertebrates in the Columbia River.	J. J. Davis, C. L. Cooper	1-19-51
*HW-41026(Del.)	Radiological Sciences Department Research and Development Activities Quarterly Progress Report [for] October - December 1955.	H. M. Parker	1-11-56
HW-48743	Changes in Blood Constituents in Sheep Following Prolonged Daily Administration of I^{131}	P. L. Hachett, T. W. Galbraith, C. A. Bennett, et al	8-6-57
KAPL-A-HP-3	Health Physics Manual of Radiochemical and Chemical Analyses and Procedures.	M. R. Kennedy	5-15-57
*NP-6318	First Report from Norsk Hydro's Institute for Cancer Research for the Period from Its Opening in 1954 to July 1, 1956.	Norsk Hydro's Inst. for Cancer Research, Oslo.	1956
*NYO-4478	Summary of Medical Studies on Hiroshima Children Exposed to the Atomic Bomb, 1951 - 1953.	Atomic Bomb Casualty Commission, Hiroshima W. W. Sutow,	
*ORO-T-357	Biological Effects of Whole-Body Gamma Radiation on Human Beings.	H. O. Davidson, Jr. Johns Hopkins Univ., Chevy Chase, Md. Oper. Res. Office	12-56
*PR-B-33	Biology Division Progress Report [for] January 1, 1957 to March 31, 1957.	Chalk River Project	n.d.
PR-B-34	Biology Division. Progress Report [for] April 1, 1957 to June 30, 1957	Same	n.d.

*Microcards

TID-5360(Suppl.)	A Summary of Incidents Involving Radioactive Materials in Atomic Energy Activities, January-December 1956.	D. F. Hayes Div.of Organization and Personnel. Safety and Fire Protection Branch, AEC.	8-57
UCLA-409	Effect of X-Ray Irradiation on Muscle Fatigue in Rats.	T. J. Haley, A. M. Flesher, N. Komesu, et al	10-10-57
UCLA-410	Induction of Mouse Leukemia with Purified Nucleic Acid Preparations.	E. F. Hays, N. S. Simmons, W. S. Beck	10-14-57
UR-501	Polonium Urinalysis.	C. A. Krebs, G. H. Whipple	8-7-57
UR-502	The Transport of Bivalent Cations Into the Yeast Cell in Relation to Potassium and Phosphate Uptake.	A. Rothstein	8-20-57
USNRDL-TR-164	Interim Report on a Fast - and Slow-Neutron Survey Meter.	A. H. Redmond, E. J. Wesley, J. H. McQuoid	5-1-57
USNRDL-TR-167	Neoplasms of the Glandular Stomach in Mice Irradiated with X Rays or Fast Neutrons	P. C. Nowell, L. J. Cole, M. E. Ellis	5-21-57
USNRDL-TR-169	Analysis of Adipose Tissue as a Key to Understanding the Mechanism of Body Weight Loss in the Human	C. Entenman, W. H. Goldwater, N. S. Ayres, et al	6-20-57
USNRDL-TR-170	Physical, Chemical and Radiological Properties of Slurry Particulate Fallout Collected During Operation Redwing.	N. H. Farlow, W. R. Schell	5-5-57
USNRDL-TR-172	The Role of Food Consumption in the Mortality Response of Irradiated Rats Subjected to Prolonged Cold Exposure.	B. D. Newsom, D. J. Kimeldorf	5-21-57

*Microcards

USNRDL-TR-178	A Field Beta-Gamma Dose-Rate Meter.	F. A. Devlin	5-57
USNRDL-TR-181	The Effect of X-Ray Dose on the Protective Action and Persistence of Rat Bone Marrow in Irradiated Mice.	G. W. Santos, L. J. Cole, P. L. Roan	9-12-57
UWFL-42	A Radiological Study of Rongelap Atoll, Marshall Islands, During 1954-1955.		8-15-55
*UWFL-44	Uptake of Iodine-131 by the Red Alga Asparagopsis Taxiformis.	R. F. Palumbo	11-20-55

CHEMISTRY

AECU-3486	Efficiency of Scavenging Devices Used in Determining Fallout. Scientific Report No. 1. (Report No. 4)	J. Rosinski Ill. Inst. of Tech. Armour Res. Foundation	1-25-57
AERE-C/M-88	The Fluoride-Hydroxide, Peroxide and Iodate Cycles in the Purification of Plutonium.	G. R. Hall, R. Hurst	10-50
AERE-C/M-302	The Preparation of Some Organo-Phosphorus Compounds.	J. A. Cade	3-57
AERE-C/M-319	A Small Scale Cyclone Micronizer.	J. D. M. McConnell	6-57
AERE-C/R-137	Leakage Test by the Helium Method.	E. Glueckauf, G. P. Kitt	[1952]
AERE-C/R-2121	The Radiation and Thermal Stability of Some Potential Organic Moderator-Coolants. Part I. Electron Irradiation of Para-Terphenyl and Santowax R.	T. H. Bates, W. G. Burns, B. Morris, et al	5-8-57
AERE-C/R-2137	The Spectrochemical Determination of Lithium in Cornish China Clay.	E. H. Henderson, M. J. Owers, M. S. W. Webb U. K. Atomic Energy Authority. Res. Group. Chem. Div., Woolwich Outstation, England	4-57

*Microcards

AERE-C/R-2155	The Hydrolytic Behaviour of Plutonium Ions in Sulphuric Acid.	D. W. Grant, D. E. Glanville	5-57
AERE-C/R-2180	Control of pH by Ion Exchange.	P. C. Davidge, D. E. Glanville	9-28-54
AERE-C/R-2199	Isotopic Analysis by Low-Resolution Nuclear Magnetic Resonance.	D. J. Ferrett, F. D. Seymour	3-11-57
AERE-C/R-2202	Fixation of Activity in Solid Form by Absorption on Soils. Part 2. Final Report.	A. B. Amphlett, D. T. Warren	4-57
AERE-C/R-2214	Ion Exchange Separations in the Analysis of Bismuth Base Alloys. Part 2. Ternary Alloys Containing Uranium and Thorium.	G. W. C. Milner, J. H. Nunn	4-57
AERE-CE/R-1897	Liquid-Liquid Extraction. Part XII. Flooding Rates and Performance Data for a Rotary Disc Contactor.	D. H. Logsdail, J. D. Thornton, H. R. C. Pratt	12-56
AERE-CE/R-2066	Bubble Leak Detection.	J. G. S. Biram	3-57
AERE-GP/R-2166	Vapour Pressure Differences Between Some of the Isotopic Species of Carbon Monoxide, Methane and Oxygen. Methane and Oxygen. Part I. Experimental.	T. F. Johns	1-57
AERE-GP/R-2205	Non-Linear Effects in Spiral Ridge Cyclotrons. Part II.	N. M. King	4-57
AERE-GP/R-2238	Multiple-Chamber Shock Tubes.	K. Dolder	5-57
AERE-Lib/Trans-721	Dew-Points of Mixtures of Helium Isotopes, by B. N. Esel'son and N. G. Berezniak. Trans. from Zhurnal Eksperimental'noi i Teoreticheskoi Fiziki 27, 648-9. (1954)		
AERE-Lib/Trans-726	Theory of Concentration Polarization, by V. G. Levich. Trans. from Zhurnal Fizicheskoi Khimii 18, 335-55 (1944)		
AERE-Lib/Trans-744	Investigation of Electrocapillary Phenomena in Tin-Gold and Bismuth-Tellurium Alloys, by S. Karpachev and E. Rodigina. Trans. from Zhurnal Fizicheskoi Khimii 23, 953-8 (1949)		

AERE-Lib/Trans-760	Reaction of Thorium Oxide with Its Chloride in Molten Salt Solutions, by M. V. Smirnov and L. E. Ivanovskii. Trans. from Zhurnal Neorganicheskoi Khimii 1, 1843-9 (1956)		
AERE-Lib/Trans-761	High Frequency Titration, by V. A. Zarinskii and I. R. Mandel'berg. Trans. from Zavodskaia Laboratoriia 22, 262-70 (1956)		
AERE-Lib/Trans-795	The Regularity of Distribution of Chemical Elements in the Earth's Crust, by A. P. Vinogradov. Trans. from Geokhimiia 1, 1-52 (1956)		
AERE-M/M-160	An Apparatus for Sealing Alpha-Active Samples in Evacuated Glass and Silica Capsules.	J. P. Evans, M. B. Waldron	5-57
AERE-M/R-2194	On Certain Ionic Equilibria at the Thoria-Electrolyte Interface.	P. J. Anderson	3-8-57
AERE-M/R-2266	An X-Ray Study of Neutron Irradiated Lithium Fluoride.	B. T. M. Willis, R. E. Smallman	5-57
AERE-M/R-2287	The Mechanism of Oxide Film Formation on Zirconium.	O. Flint, J. H. O. Varley	5-57
AERE-NP/R-2251	The Construction and Operation of a Single Crystal Neutron Spectrometer.	N. J. Pattenden, A. H. Baston	5-21-57
AERE-R/M-125	Boron Films.	D. Barnes, R. B. Mackenzie, R. Aves	6-57
*ANL-RCV-SL-1090	Dissolution of Thorium Oxide-Uranium Oxide Fuel Elements.	R. P. Larsen	8-9-56
*BMI-975	The Reactivity of Uranium and Blacosolv.	H. D. Hannan, P. D. Miller, R. S. Peoples	1-21-55
BMI-1042(Del.)	Effect of Constitution of Graphites on Their Stability Under Low-Temperature Irradiation.	L. D. Loch, A. E. Austin, R. J. Harrison, et al	9-30-55

*Microcards

BMI-1223	Properties of Some Refractory Uranium Compounds.	M. J. Snyder, W. H. Dickworth	9-9-57
*CF-51-6-15	Plutonium Isolation Flowsheet.	E. B. Sheldon Oak Ridge Nat'l. Lab.	6-6-51
*CF-51-7-192(Del.)	Concentration of TBP Process Raffinate and Recovery of HNO_3 Content.	T. A. Arehart Same	7-2-51
*CF-51-10-204(Del.)	Design Specification and Calculations for MTR Dissolver Condenser.	W. L. Carter, J. M. Holmes Same	10-31-51
*CF-51-12-50	Absorption of Waste Hydrogen Fluoride.	V. J. Reilly Same	12-7-51
*CF-51-12-158	Purex Process Flowsheet No. 3 in Terms of Pilot Plant Flows.	D. O. Darby Same	12-31-51
*CF-52-2-149	Solvent Extraction: Interim "23" Process--Quarterly Report for Period November 10, 1951 to February 10, 1952.	J. E. Conaway, A. C. Jealous Same	2-18-52
*CF-52-4-64	Application of Volatility Processes to Uranium Recovery.	R. E. Leuze Same	4-14-52
*CF-52-11-98(Del.)	Plutonium Recovery from the CTF Process Residue. Quarterly Report [for] August 10 - November 10, [1952].	J. R. Flanary, E. B. Sheldon Same	11-14-52
*CF-53-1-90	Quarterly Report [for] August 10 - November 10, [1952] [on] Homogeneous Reactor Chemical Processing.	D. E. Ferguson Same	1-7-53
*CF-53-3-102	Use of "Hot" Solvent in the Purex Second Uranium Cycle.	R. W. Vest Same	3-11-53
*CF-53-6-173	Economics of Chemical Processing for a Uranium-233 Breeder.	D. E. Ferguson, J. P. Sanders Same	6-18-53

*Microcards

*CF-53-7-45(Rev.)	Calculations of Decontamination of MTR Materials by the 25 Process.	F. R. Bruce Oak Ridge Nat'l. Lab.	7-8-53
*CF-53-8-219	Homogeneous Reactor Chemical Processing Quarterly.	D. E. Ferguson Same	8-12-53
*CF-54-8-125	Thorex: Program for Engineering Evaluation of Thorex Pilot Plant Equipment.	A. C. Jealous, E. Lieberman Same	8-19-54
*CF-54-8-214	HRP - CP: Summary of Design Criteria and Purposes of Loop 3 - Solid-Liquid Separator Loop.	W. L. Carter Same	8-31-54
*CF-54-9-106	Estimation of Radiation Intensity to be Expected in HR Chemical Processing.	H. O. Weeren Same	9-14-54
*CF-54-9-157	Second Cycle Considerations for the Thorex Process.	A. T. Gresky, R. P. Wischow, Same	9-17-54
*CF-54-11-172	Possibility of Peroxide Precipitation in HRT Dump and Sampler Lines.	P. M. Wood Same	11-29-54
*CF-54-11-190	Design Criteria for the HRT Chemical Plant.	W. L. Carter Same	11-24-54
*CF-54-12-34	HR Processing Development: Applicability of the Bulk Shielding Facility Reactor for the Radiation Studies Required	P. A. Haas Same	12-3-54
*CF-55-1-53	Status of the Metallex Process.	R. E. Blanco Same	1-10-55
*CF-55-1-193	A Theory for the Design of Dissolver for Slug-Type Reactor Fuels.	S. H. Jury Same	1-25-55
*CF-55-1-194(Del.)	Unit Operations Status Report for January 1955.	W. K. Eister Same	1-28-55

*Microcards

*CF-55-2-92(Del.)	25 Process Assistance for Period of January 21, 1955 to February 4, 1955.	F. L. Culler Oak Ridge Nat'l. Lab.	2-15-55
*CF-55-3-127	25 Process Assistance for Period of February 21, 1955 to March 4, 1955.	F. L. Culler Same	3-21-55
*CF-55-4-40	Laboratory Study of Denitration and Reduction in the Moving Bed Process.	N. A. Krohn Same	4-6-55
*CF-55-4-72(Del.)	25 Process Assistance for Period of March 21, 1955 to April 1, 1955.	F. L. Culler Same	4-11-55
*CF-55-5-156(Rev.1)	HRT Process Flowsheets. Revision 1.	F. C. Zapp Same	8-25-55
*CF-55-9-4	Breeding Ratio and Chemical Processing Method.	P. R. Kasten Same	9-1-55
*CF-56-1-109	Adsorption of H_2O by ThO_2 at High Temperatures.	D. M. Richardson Same	1-20-56
*CF-56-2-48	Component Study for a 36-In. Riggins Contactor: Problem Statement.	C. W. Hancher Same	2-10-56
*CF-56-2-99	HRP-CP: Instrument Interlocks for the HRT Chemical Processing Plant.	W. L. Carter Same	2-20-56
*CF-56-2-135	Applicability of Lumicon and of X-Ray Fluoroscope Technique to the Study of ThO_2 Slurry Properties in Stainless Steel Systems.	V. D. Allred, N. A. Krohn Same	2-22-56
*CF-56-3-34	Design of Solids Feed Loop for Shakedown of the HRT Chemical Plant.	B. H. Hamling Same	3-5-56
*CF-56-3-93	UNOP "B" Loop Design Modification for HRT-CP Component and Mock-Up Studies.	P. E. Novak Same	3-14-56

*Microcards

*CF-56-3-138	HRP-CP: Design of Condensers H-1 and H-2 for HRT Chemical Processing Plant.	W. L. Carter Same	3-19-56
*CF-56-3-139	HRT-CP: Design and Operation of the Recombiners for the HRT Chemical Processing Plant.	W. L. Carter Same	3-8-56
*CF-56-3-151	Differential Infrared Absorption Techniques for Characterizing the Surface of ThO_2.	V. D. Allred Same	3-26-56
*CF-56-3-154	Thorex Pilot Plant: Decontamination of the Feed Adjustment System and Radiation Exposures Received by Personnel Engaged In Modifying a Vapor Line in the System.	J. H. Walker, G. S. Sadowski Same	3-27-56
*CF-56-4-20	Possible Substitutes for Freon-11 in HRT Cold Trap Refrigeration System.	R. C. Robertson, J. E. Kuster Same	4-5-56
*CF-56-4-31	Procedure for the Determination of Oxygen in Sodium and NaK by the Distillation Method.	J. C. White, Same	4-5-56
*CF-56-5-58	HRP-CP: Design Calculations for the Entrainment Separators (S-2 and S-3) for the HRT Core Processing Plant.	W. L. Carter Same	5-4-56
*CF-56-6-126	Detection of Density Changes in ThO_2 Slurry.	D. R. Gilfillan Same	6-21-56
*CF-56-6-138	Recovery and Purification of Uranium by Continuous Ion Exchange and Electrolysis.	I. R. Higgins Same	6-26-56
*CF-56-6-142	Gaseous Radioactivity from HRT Fuel Storage Tanks.	R. F. Aven Same	6-22-56
*CF-56-7-106	Neutron Activation Analysis.	G. W. Leddicotte, S. A. Reynolds Same	7-20-56
*CF-56-7-128	Calibration of D_2O Receiver (T-2) Weigh Cell and Thermal Level Probe, HRT-CP Experiment T-2.	J. D. Perret, Jr. Same	7-27-56

*Microcards

*CF-56-8-19	Instrumentation for HRT-CP Dissolver System.	H. O. Weeren Oak Ridge Nat'l. Lab.	8-3-56
*CF-56-8-120	HRT-CP Engineering Test Procedure P-1; Westinghouse Circulating Pump.	P. E. Novak Same	8-15-56
*CF-56-8-122	Scientific Technician Manual--Sampling.	G. E. Woodall Same	8-7-56
*CF-56-8-168	Infrared Program of the ORNL Spectroscopy Research Laboratory.	H. W. Morgan, P. A. Staats, J. H. Goldstein, et al Same	8-24-56
*CF-56-8-176	Thorex Pilot Plant, Summary of Equipment Failures During Run HD-15.	J. H. Walker Same	8-20-56
*CF-56-9-24	HRP-CP: An Analysis of the Gas Separator for Use as a Solids Concentrator.	W. L. Carter, F. C. McCullough Same	9-4-56
*CF-56-9-100	Feed Materials Processing Status Report for September 1956.	R. E. Blanco, W. K. Eister Same	9-15-56
*CF-56-9-126	Preliminary Investigation of the Differential Infrared Spectra Technique for Characterizing the Surface of Thorium Oxide.	M. A. Tamers Same	9-14-56
*CF-56-10-8	Preparation of Standard Oxide.	R. B. Gallaher, A. S. Kitzes Same	10-3-56
*CF-56-10-12	Statistical Quality Control Quarterly Report for the Analytical Chemistry Division, July through September, 1956.	M. T. Kelley Same	n.d.
*CF-56-11-24	Suggested Procedure for Operation of the Dissolver System.	H. O. Weeren Same	11-5-56

*Microcards

*CF-56-11-25	Instrumentation for HRT Blanket Processing System.	H. O. Weeren Oak Ridge Nat'l. Lab.	11-5-56
*CF-56-11-88	HRP-CP: Pipe Line Designation Table for the HRT Chemical Processing Plant-Revision 1.	H. O. Weeren Same	11-21-56
*COO-92	Progress Report April 1952; Homogeneous Reactor Processing; Job 57; April 1-30, 1952.	Vitro Corp.	5-1-52
CRC-706	Stored Energy in Graphite Irradiated at Windscale and at Hanford.	R. W. Attree, R. L. Cushing, J. Pieroni Chalk River Project	5-57
CRDC-704	The Determination of Trace Quantities of Uranium in NRU Aluminum Sheathing by Neutron Activation Analysis.	W. D. Mackintosh, R. E. Jervis Same	4-57
*FMPC-149(Rev.)	Specifications for Thorium Production Operations.	O. R. Magoteaux, E. W. Mautz, T. C. Runion National Lead Co.	3-5-53
*FMPC-467	Reduction of UF_4 to Metal Containing up to 3% U-235. Standard Operating Procedure for Pilot Plant, Metallurgical Area (Section 1.5.2.3).	S. L. Reese Same	9-1-54
GAT-213	Freezing Point Determinations of the Uranium Hexafluoride-Hydrogen Fluoride System.	H. L. Bullard, A. S. Ostroski, W. S. Stringham	10-8-57
*HW-12183	Polarographic Analysis of [Uranyl Nitrate Hexahydrate] in the IAW Stream.	G. J. Alkire, W. N. Carson, Jr.	1-17-49
*HW-19023	Scouting Studies in a 5.05-Inch Diameter Redox Pulse Column.	W. S. Figg, J. G. Bradley	1-15-51
*HW-19112	Results of Critical Mass Studies for Hanford at K-25.	P. F. Gast	10-11-50

*Microcards

*HW-19933	Viscosity and Settling Rates of the TBP Waste Metal Slurries as a Function of Shear.	L. P. Varga, M. K. Harmon	1-2-51
*HW-26531	Production of UO_3 by Calcination of Uranyl Peroxide.	R. L. Moore, R. A. Watts, Jr.	12-10-52
*HW-31300	The Volatilization of Ruthenium in Nitric Acid Recovery.	A. S. Wilson	9-3-54
*HW-32175	A Study of Certain Properties of Ruthenium Compounds Found in the Redox Process.	W. E. Gill, D. E. Wisehart	6-23-54
*HW-33006	Chemical Flowsheet--Preparation of Uranium Oxide (UO_3) from Uranyl Nitrate Hexahydrate (UNH).	R. E. Smith	9-3-54
*HW-33029(Del.)	Examination of Radiation Exposed KEL-F Plastic Coupons.	C. L. Boyd	9-10-54
HW-51452	An Apparatus for the Determination of Total Gas in Fuel Element Samples.	R. I. Miller	7-30-57
*IDO-14224	Removal of Hexone from Aqueous Raffinates. Start Up Report No. 42.	R. B. Lemon American Cyanamid Co. Atomic Energy Div., Idaho Falls, Idaho	2-18-53
IDO-14412	Analytical Program for Processing Aluminum-Uranium Reactor Fuel Elements.	R. C. Shank, J. E. Rein Phillips Pet. Co.	8-15-57
IDO-14413	Analytical Program for Processing Zirconium-Uranium Reactor Fuel Elements.	J. E. Rein, R. C. Shank Same	8-15-57
*ISC-274(Rev.)	Quarterly Summary Research Report in Engineering for April, May and June 1952.	Ames Lab.	9-20-52
KAPL-1781	Review of the Joint AECL-KAPL Studies of the Transuranium Elements.	J. P. Butler, T. A. Eastwood, H. G. Jackson, et al.	7-2-57

*Microcards

*KAPL-M-Redox-1	Redox Monthly Report for September 1948.		9-27-48
*KAPL-M-Redox-2	Redox Group Monthly Report for October 1948.		10-26-48
*KLX-1606	Progress Report [on] Homogeneous Reactor Processing [for] October 1 - 31, 1952; Job 57.		11-10-52
*MCW-14	Purification of Phosphate Residue from Previous Digestions of Uranium Oxides for Ether Extraction.	W. H. Keller	4-1-46
*MCW-30	A General Study of the Distribution of Impurities in Remelted Uranium Metal and Related Subjects.	W. A. Oppold	4-1-46
*MCW-179	UF_4 Production by Continuous Methods. Progress Report of Pilot Plant Work for Period January 1, 1949 to March 4, 1949.	E. K. Teter	4-11-49
*MCW-191	Production of UO_3 from Solid $UO_2(NO_3)_2 \cdot XH_2O$.	A. M. Kirby	6-15-49
*MCW-196	Solubility of Phosphate in Raffinate Liquors of Various Compositions.	C. W. Kuhlman, C. F. Ritchie	7-7-49
*MCW-213	"Inhibition" of the Oxidation of Low-Temperature Uranium Dioxide.	C. W. Kuhlman, Jr.	8-23-49
*MCW-220	UF_4 Production by Continuous Methods. Progress Report of Pilot Plant Work [for] Period July 14, 1949 to August 16, 1949.	E. K. Teter	8-31-49
*MCW-225	Rate of Decomposition of Uranium Trioxide on Heating.	C. W. Kuhlman	10-7-49
*MCW-227	Distribution of Boron Between the Ether Phase and Water Phase in Uranyl Nitrate Solutions.	C. W. Kuhlman, W. Weber	10-17-49
*MCW-246	UF_4 Production by Continuous Method. Progress Report of Pilot Plant Work [for] Period November 20, 1949 to January 5, 1950.	E. K. Teter	1-27-50

*Microcards

MISC-1957-259	Technical Report, 1956, for the period October 1, 1955 to December 31, 1956.	Chicago Univ. Lab. of Molecular Structure and Spectra	n.d.
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*WAPD-TH-276	Upflow Burnout Data for 0.059 in. x 1 in. x 27 in. Long Rectangular Channels at 2000 PSIA.	M. Troy, J. D. Roarty	12-11-56

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*WAPD-TH-289	Upflow Burnout Data for 0.101 in. x 1 in. x 6 in. Vertical Rectangular Channels at 2000 PSIA.	R. Masnovi M. Troy	1-8-57
*WAPD-TH-304	Zero-Net Flow Burnout Tests for Water at 2000 PSIA in a Vertical 0.101 in. x 1 in. x 6 in. Long Rectangular Channel.	M. Troy	3-13-57
*WCAP-225	The Effect of Neutron Sources in a Subcritical Reactor.	W. H. Arnold, Jr., S. Bartnoff Westinghouse Elec. Corp. Commercial Atomic Power, Pittsburgh	6-56
WKNL-49	Nuclear Power for Pittsburgh. Final Report on Duquesne-Kidde Nuclear Power Study.	J. J. Barker Kidde (Walter) Nuclear Labs., Inc., Garden City, N. Y.	11-10-55

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AERE-Inf/Bib-113	List of Publications Available to the Public. Cumulation No. 1. (Covering No. 1, December 1st, 1955 - No. 13, December 31st. 1956)	B. Newman	3-5-57
ANL-5793	Additions to the Library. Report for the Period September 16-30, 1957. Technical Reports and Books.	P. A. Schulze	n.d.
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ASTIA-U57-3	Technical Abstract Bulletin. Bulletin No. U57-3.		10-1-57
CF-57-1-171	Articles Published in Technical Journals and Papers Presented at Scientific Meetings During 1956 by ORNL Staff Members.	Oak Ridge Nat'l. Lab.	10-8-57
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Monograph-2847	Submarine Cable; Oceanography, Marine Biology, and Cable Mechanics. Reprinted from Bell System Technical Journal 36, 1047-1207 (1957).	Bell Tel. Labs., Inc.	9-57
NAA-SR-2131	Bi-Monthly Progress Report, AEC Unclassified Programs, July - August, 1957.		10-15-57
ONRL-102-57	A Survey of Scientific Research in India.	D. E. Goldman Office of Naval Res., London	8-30-57
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TID-4023	Consolidated Availability Listing of Secret Reports Announced to the Civilian Application Program.		9-15-57
*WT-1175	Effects of a Nuclear Explosion on Typical Liquefied Petroleum Gas (LP Gas) Installations and Facilities.	P. W. Tucker, G. R. Webster Liquefied Pet. Gas Assn., Chicago	12-56

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UCRL-2208 Rev.	Time Quantization in a Feedback System.	J. F. Waddell, H. D. Morris	7-57
UCRL-3840	A Method for Determining the K^0_+-K^0_- Mass Difference.	M. L. Good	10-1-57
UCRL-3880	Biology and Medicine Quarterly Report [for] April, May, and June, 1957.		7-29-57
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UCRL-3908	Neutron Yields from Thick Targets Bombarded by 18- and 32-Mev Protons.	Yuin-Kwei Tai, G. P. Millburn, S. N. Kaplan, B. J. Moyer	8-20-57

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UCRL-3932	The Reactions of Tantalum with 5.7-Bev. (Thesis)	J. R. Grover	9-57
UCRL-3951	Constant-Pressure Leak-Rate Gage.	K. W. Ehlers	9-26-57
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UCRL-3952 Abs.	Helium Ion Induced Reactions of Th^{232}	B. M. Foreman, Jr. G. T. Seaborg	
UCRL-3953 Abs.	New Rare Earth Isotopes.	K. S. Toth J. O. Rasmussen	

UCRL-3954 Abs.	Decay of Os^{183} and Os^{183m}.	J. O. Newton V. S. Shirley
UCRL-3955 Abs.	Angular Distribution of Tritons from the Al^{27} (α,t) Si^{28} Reaction	W. H. Wade H. Conzitt, J. Gonzalez-Vidal
UCRL-3956 Abs.	Studies on (α,t), and (p,t) Reactions.	J. Gonzalez-Vidal W. H. Wade
UCRL-3957Abs.	Theoretical Studies of Alpha Decay of U^{233}.	R. R. Chasman J. O. Rasmussen
UCRL-3958 Abs.	The Initial Step in a High Energy Nuclear Reaction.	L. Winsberg
UCRL-3959 Abs.	Reactions Induced in U^{238} with Helium Ions.	J. A. Coleman T. D. Thomas G. T. Seaborg
UCRL-3960 Abs.	The Decay of Neptunium-238.	R. G. Albridge J. M. Hollander
UCRL-3961 Abs.	Cross Section Studies of the α, pn Reaction.	R. J. Silva B. G. Harvey W. H. Wade
UCRL-3962 Abs.	Nuclear Reaction Mechanisms in the Heavy Element Region from Angular Distributions of Heavy Recoils.	P. F. Donovan B. G. Harvey W. H. Wade
UCRL-3963 Abs.	Energy of the Isomeric State U^{235m}.	M. C. Michel F. Asaro I. Perlman
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UCRL-3967 Abs.	Alpha and Gamma Spectra of U^{235}	R. C. Pilger, F. S. Stephens, Jr., F. Asaro, I. Perlman
UCRL-3968 Abs.	Polarization of Muons in K^+-Meson Decay.	C. A. Coombes, B. Cork, W. Galbraith, G. R. Lambertson, W. A. Wenzel
UCRL-3969 Abs.	Evidence for Excited-Nucleon Model of Pion Production in n-p Collisions at Bevatron Energies.	F. N. Holmquist W. B. Fowler W. M. Powell
UCRL-3970 Abs.	Reactions of U^{238} with C^{12} Ions.	T. Sikkeland, A. Ghiorso, S. G. Thompson
UCRL-3971 Abs.	The 184-inch Cyclotron Beam-Extraction System.	W. F. Stubbins, E. L. Kelly, J. T. Vale, K. M. Crowe
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