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RADIATION LABORATORY

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| <u>Reports Received from Argonne National Laboratory:</u> | | | | |
| ANL-4537 | Quarterly Report. 9-1-50 through 11-30-50. Naval Reactor Division | H. Etherington | S | 12/15/50 |
| ANL-4552 | Report for October, November, 1950 Physics Division | L. A. Turner | S | 12/8/50 |
| ANL-4563 | Note on the Preparation of Mouse Tails for Intravenous Injection | M. Finkel et al. | U | 1/18/51 |
| ANL-4569 | Additions to the Library. Report for the Period January 15-31, 1951. AECU and AECD Documents and Books | P. A. Schulze | U | |
| ANL-4570 | Heavy Water-Zirconium-Thorium Type Power Conversion Reactor for Naval Application | J. B. Anderson et al. | S | 2/1/51 |
| <u>Reports Received from Atomic Energy Commission, New York:</u> | | | | |
| NYO-2013 | Fluorimetric Determination of Aluminum in Zirconium Metal and Zirconium Oxide (New Brunswick Lab.) | A. R. Eberle | OUO | 4/50 |
| NYO-2014 | Fluorimetric Determination of Aluminum in Beryllium (New Brunswick Lab.) | A. R. Eberle G. J. Petretic | U | 1/19/51 |
| <u>Reports Received from Atomic Energy Commission, Richland, Washington:</u> | | | | |
| Misc-1951-3 (2-1-51) | Status of Materials Testing Irradiations. (Hanford Works) | | S | 2/1/51 |
| <u>Reports Received from Atomic Energy Commission, Washington, D. C.:</u> | | | | |
| Maths.Memo/ 57/WW | Helix as Linear Proton Accelerator (British) | W. Walkinshaw K. Wyllie | U | |
| Misc-1951-4 | Appendix IV. Detailed Characteristics Chart of Electronic Digital Computers of Major Interest to the Department of Defense | | C | 6/1/50 |

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| Misc-1951-5 | A Survey of Large-Scale Digital Computers and Computer Projects | (Office of Naval Res.) | R | 7/50 |
| Misc-1951-6 | Mechanical Mixing of Screening Smoke (British) | C. J. Stairmand | R | 10/50 |
| Misc-1951-7 | AEC Contract Policy and Operations. Ninth Semiannual Report of AEC | | U | 1/51 |
| NRL-C-3240-109A/50 | Filter Papers from Glass-Fibers: Manufacture of (Naval Res. Lab.) | T. D. Callinan et al. | C | 10/24/50 |
| ONRL-2-51 | Infra-Red Gas Analyzers (Office of Naval Research) | W. L. Hyde | U | 1/8/51 |
| <u>Reports Received from Battelle Memorial Institute:</u> | | | | |
| BMI-P-36 | Progress Report for the Month of December, 1950 | H. W. Russell et al. | S | 1/1/51 |
| BMI-T-54 | An Evaluation of Heating Methods for Thermal-Rupture Tests of Ceramic Fuel Elements | F. C. Todd et al. | S | 12/31/50 |
| BMI-T-55 | The Corrosion of Zirconium in 600° F. Water in 750°F. Superheated Steam | H. A. Pray R. S. Peoples | S | 1/15/51 |
| NEPA-1667 | Report for the Month of December 1950 for NEPA Project | | C | 12/16/50 |
| <u>Reports Received from Brookhaven National Laboratory:</u> | | | | |
| BNL-85 | Guide to Russian Scientific Periodical Literature. Vol. 3, No. 11 | | U | 11/50 |
| BNL-89 | Guide to Russian Scientific Periodical Literature. Vol. 3, No. 12 | | U | 12/50 |
| <u>Reports Received from California Research and Development Company:</u> | | | | |
| LRL-12 | Lissajou Beam Sweeping | D. B. Willmer | S | 1/31/51 |
| <u>Reports Received from Carbide and Carbon Chemicals Corporation:</u> | | | | |
| Y-703 | Stainless Steel Coatings to Prevent the Corrosion of Copper | L. O. Love W. K. Prater | S | 1/12/51 |
| Y-706 | Recombination of Stoichiometric Mixtures of Hydrogen and Oxygen in a Flame Recombiner Feasibility Report. | H. M. McLeod, Jr. et al. | S | 1/1/51 |

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| Y-714 | Corrosion Resistance of Zirconium Metal and Stainless Steels on Exposure to Concentrated Solutions of Uranyl Fluoride | C. D. Susano | C | 1/22/51 |
| Y-715 | Numerical Integration of Criticality Equations and Use of Perturbation Theory for Bare Be-U ²³⁵ Reactors | S. Preiser | S | 1/30/51 |
| <u>Reports Received from General Electric Company:</u> | | | | |
| HW-20036 | Analytical Procedures for the Plutonium Metal Fabrication Process. XI. The Determination of Fluoride | G. J. Behling et al. | S | 1/15/51 |
| HW-20053 | Progress Report for December, 1950. Chemical Research Section | O. F. Hill F. J. Leitz | S | 1/19/51 |
| HW-20144 | Status of Hanford Requests as of January 31, 1951 | | S | 2/1/51 |
| KAPL-445 | Reactor Engineering Progress Report. October, November, December 1950 | | S | |
| KAPL-446 | Health Physics Progress Report. October, November, December 1950 | | C | 1/23/51 |
| KAPL-462 | Summary Technical Progress Report No. 42 for January 1951 | K. H. Kingdon | S | |
| KAPL-463 | Tritium Project | | S | 1/51 |
| KAPL-472 | The Determination of Trace Amounts of Hydrogen in Helium | H. C. Mattraw | S | 1/31/51 |
| KAPL-473 | The Effect of Irradiation on Compression Springs | R. S. Zeno | S | 1/29/51 |
| <u>Reports Received from Kellex Corporation:</u> | | | | |
| KLX-1322 | Second Quarterly Progress Report. August 1 - October 31, 1950. Mass Spectrometer Development | | C | 2/19/51 |
| KLX-1329 | Progress Report. Fourth Quarter 1950. Decontamination of Crib Wastes (24-A3) | J. F. Hogerton | S | 1/18/51 |

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| KLX-1330 | Progress Report. Fourth Quarter 1950. Development of Laboratory Disposal Unit | W. A. Bain | U | 1/30/51 |
| <u>Reports Received from Library of Congress:</u> | | | | |
| Misc-1950-16 | European Scientific Notes Vol. 4, No. 24 Vol. 4, Index | | U | 12/15/50 1950 |
| Misc-1951-16 | European Scientific Notes Vol. 5, No. 1 Vol. 5, No. 2 | | U | 1/1/51 1/15/51 |
| R3601-3670 | Technical Information Pilot | | R | 1/16/51 |
| U12114-12193 | Technical Information Pilot | | U | 1/9/51 |
| U12194-12270 | Technical Information Pilot | | U | 1/23/51 |
| <u>Reports Received from Los Alamos Scientific Laboratory:</u> | | | | |
| LA-1179 | Gamma Ray Spectra of Los Alamos Reactors, "Water Boiler" and Clementine | J. W. Motz | S | 10/50 |
| <u>Reports Received from Mound Laboratory:</u> | | | | |
| MLM-512 | Engineering Study of Evaporation for Concentrating Radioactive Liquid Wastes | R. L. Bates M. McEwen | C | 11/1/50 |
| MLM-530 | A Method of Rebuilding Boron-Wall Neutron-Counting Tubes | E. H. Daggett | U | 1/12/51 |
| <u>Reports Received from National Advisory Committee for Aeronautics:</u> | | | | |
| NACA-ML-286 | Monthly List of Documents Released by the NACA During January 1951 | | U | |
| NACA-TN-2267 | Inelastic Column Behavior | J. Duberg T. W. Wilder, III | U | 1/51 |
| NACA-TN-2271 | Further Study of Metal Transfer Between Sliding Surfaces | J. T. Burwell C. D. Strang | U | 1/51 |
| NACA-TN-2272 | Lateral Elastic Instability of Hat-Section Stringers under Compressive Load | S. Goodman | U | 1/51 |

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| NACA-TN-2274 | Extension of the Theory of Oscillating Airfoils of Finite Span in Subsonic Compressible Flow | E. Reissner | U | 2/51 |
| NACA-TN-2276 | Static and Fatigue Strength Aluminum-Alloy Bolted Jointed | E. C. Hartmann et al. | U | 2/51 |
| NACA-TN-2281 | Detailed Computational Procedure for Design of Cascade Blades with Prescribed Velocity Distributions in Compressible Potential Flows | G. R. Costello et al. | U | 2/51 |
| NACA-TN-2287 | An Investigation of Pure Bending in the Plastic Range when Loads are not Parallel to a Principal Plane | H. A. Williams | U | 2/51 |
| NACA-TN-2289 | Elastic Constants for Corrugated-Core Sandwich Plates | C. Libove R. E. Hubka | U | 2/51 |
| NACA-TN-2290 | A Method for Calculating Stresses in Torsion-Box Covers with Cutouts | R. Rosecrans | U | 2/51 |
| NACA-TN-2291 | Influence of Wall Boundary Layer upon the Performance of an Axial-Flow Fan Rotor | E. Boxer | U | 2/51 |
| NACA-TN-2293 | The Physical Properties of Active Nitrogen in Low-Density Flow | J. M. Benson | U | 2/51 |
| NACA-TN-2295 | Chordwise and Compressibility Corrections to Slender-Wing Theory | H. Lomax L. Sluder | U | 2/51 |
| NACA-TN-2312 | Bearing Strengths of Some Aluminum-Alloy Permanent-Mold Castings | E. M. Finley | U | 2/51 |

Reports Received from Naval Radiological Defense Laboratory:

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| AD-218(OH) | Hazard Evaluation and Control Following a Spill of 40 Milligrams of Radium | R. K. Skow et al. | R | 4/12/50 |
| AD-229(OH) | Diatomite Filter, Test to Determine Feasibility of Use in Removing Y^{91} from Fresh Water | M. M. Bigger A. J. Hodges, Jr. | C | 7/24/50 |
| AD-264(I) | Alpha Scintillation Probe Counter | R. H. Davis | U | 11/2/50 |
| AD-273(B) | The Effects of X-Irradiation on a Naturally Occurring Endemic Infection | V. P. Bond et al. | U | 11/29/50 |

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| AD-275(B) | Observations on the Thermal Fragility of Erythrocytes | L. Goldschmidt R. L. Rosenthal | U | 11/24/50 |
| AD-277(I) | Design Requirements for Extended-Source Scintillation Counters | R. H. Davis | U | 11/10/50 |
| AD-278(I) | The Design and Fabrication of a Spherical Reelectrometer | R. Josephson | U | 12/15/50 |
| AD-279(B) | The Susceptibility of Irradiated Mice to Infection as a Function of Post-Irradiation Time | I. L. Shechmeister et al. | U | 12/12/50 |
| AD-281(B) | The Sulfhydryl Content of Human Serum and its Relationship to Catecholase Inhibition | B. Shacter M. B. Shimkin | U | 1/12/51 |
| <u>Reports Received from NEPA:</u> | | | | |
| NEPA-1687 | Method for Determination of Stress Deformation Rates under Irradiation | J. G. Morgan et al. | C | 10/20/50 |
| <u>Reports Received from North American Aviation:</u> | | | | |
| NAA-SR-75 | The Effect of Cyclotron Irradiation on the Physical Properties Metals | A. B. Martin et al. | C | 1/8/51 |
| NAA-SR-87 | Shielding Requirements for NAA-NPR Recycled Cooling Water System | M. H. Feldman R. L. Loftness | S | 12/8/50 |
| <u>Reports Received from Oak Ridge National Laboratory:</u> | | | | |
| CF-51-2-52 | Electrical Resistance Thermal Cycler - NaK Cooling | R. B. Small | S | 2/7/51 |
| ORNL-836 | Health Division Report for Month Ending July 31, 1950 | J. S. Felton | U | 2/5/51 |
| ORNL-848 | The Corrosion of Various Stainless Steels in Synthetic Waste Solutions | J. L. English | S | 2/12/51 |
| ORNL-883 | Proposal for Putting Nuclear Data on Punched Cards | N. M. Dismuke et al. | U | 2/9/51 |
| ORNL-887 | The Preparation of Tri-n-Butyl Phosphate P ³² | W. N. Baldwin C. E. Higgins | C | 2/5/51 |
| ORNL-893 | A Sweep Type Differential and Integral Discriminator | E. Fairstein | U | 2/12/51 |

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| ORNL-897 | A Cobalt Gamma-Ray Source Used for Studies in Radiation Chemistry | J. A. Ghormley C. J. Hochanadel | U | 2/6/51 |
| ORNL-901 | Health Division Report for Month Ending August 31, 1950 | J. S. Felton | U | 2/5/51 |
| ORNL-902 | Health Division Report for Month Ending September 30, 1950 | J. S. Felton | U | 2/5/51 |
| ORNL-910 | Metallurgy Division Quarterly Progress Report for Period Ending October 31, 1950 | E. C. Miller W. H. Bridges | S | 2/8/51 |
| ORNL-925 | Homogeneous Reactor Experiment Quarterly Progress Report for Period Ending November 30, 1950 | C. E. Winters C. H. Secoy | S | 1/30/51 |
| ORNL-930 | A Count-Rate Method of Measuring Fast Neutron Tissue Dose | G. S. Hurst R. H. Ritchie | U | 1/30/51 |
| ORNL-936 | Chemical Technology Division Quarterly Progress Report for Period Ending November 20, 1950 | W. K. Eister | S | 1/31/51 |
| ORNL-938 | Operations Division Monthly Report for Month Ending December 31, 1950 | M. E. Ramsey | S | 2/19/51 |
| ORNL-939 | Physics Division Quarterly Progress Report for Period Ending December 20, 1950 | A. H. Snell et al. | S | 2/19/50 |
| ORNL-953 | Oak Ridge National Laboratory Status and Progress Report. January 1951 | W. E. Thompson | S | 2/9/51 |

Reports Received from Technical Information Division, Oak Ridge, Tennessee:

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| AERE-C/R-552 | The Geometrical Efficiency of an End Windowed Geiger-Muller Counter (British) | G. B. Cook et al. | U | 7/50 |
| AERE-EL/R-396 | Recent Progress in the Development of Field Equipment for Prospecting for Radioactive Ores (British) | E. Franklin | U | 9/50 |
| BR-539 | The Vapor Pressure of UO_2 (British) | G. W. Bridger | S | 12/1/44 |
| CRCE-456 | Macro Experiments on Extraction Properties of Hexavalent and Tetravalent Plutonium into Butex (Canadian) | E. F. Kemp et al. | S | 8/28/50 |

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| CREL-462 | Scintillation Counter Instrumentation (Canadian) | G. Cowper | OUO | 10/25/50 |
| CREL-464 | A Comprehensive Counting System for Nuclear Physics Research (Canadian) | N. F. Moody et al. | OUO | 10/27/50 |
| CRGP-458 | The Variation of Cross Section with Energy of Slow Neutron Induced Fission in U ²³³ and Pu ²³⁹ (Canadian) | R. R. Tunnicliffe | S Lim | |
| CRL/AE-65 | Investigations on the Precipitation of Uranium and Other Metals from Solution. Part VI. Chromium, Titanium, and Cerium (British) | T. V. Arden J. Harbutt | U | 8/50 |
| CRP-460 | Measurement of Neutron Density Distribution in the NRX Pile at Low Power (Canadian) | B. W. Sargent | S | 9/29/50 |
| HW-18789 | Gas Analysis of Lithium-Aluminum Alloy (Hanford Works) | C. R. F. Smith | S | 9/11/50 |
| ISC-95 | Radioactivities Produced in Europium and Gadolinium (Iowa State) | R. E. Hein | U | 3/50 |
| ISC-122 | The Structure of Tetramethylammonium Pentaiodide (Iowa State) | R. J. Hach R. E. Rundle | U | 12/15/50 |
| ISC-127 | Radiations from Yb ¹⁶⁹ (Iowa State) | D. S. Martin, Jr. et al. | U | 12/14/50 |
| KLX-5 | Kellex Research Program | | S | 3/31/48 |
| M-2357 | A Report of the Pressure-Volume-Temperature Data Available for C616 (Fercleve Corp.) | R. T. Overman | S | 3/20/45 |
| M-4410 | Manuals for Brookhaven National Laboratory. Book No. 1, Design Manual. Volume 1, General Codes and Data (H. K. Ferguson Co.) | | U | 3/49 |
| Misc-1950-2 (Number 15) | Foreign Documents Division Consolidated Translation Survey. For December 1950 | | S | 1/23/51 |
| MIT-1056 | Some Properties of High-Purity Zirconium and Dilute Alloys with Oxygen (Mass. Inst. of Tech.) | R. M. Treco | OUO | 11/15/50 |

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| MITG-237 | Further Study of Simultaneous Radiometric Assay for Thorium and Uranium (Including the Use of the Cooke-Yarborough Quenching Circuit) | D. W. Haney E. M. Rubino | U | 10/18/50 |
| MITG-259 | A Circuit for the Automatic Control of Counting Rate Meters | J. H. Pannell T. J. Morrison | U | 12/28/50 |
| NAVORD-1222 | The Design of a Versatile Low-Power Periscope (Naval Ordnance Test Station) | T. R. Whitney et al. | U | 3/20/50 |
| NEPA-1399 | Study of Effects of Turbulence Promoters on Heat Transfer (Covering Month of March 1950. Armour Research Foundation) | A. Shaffer O. E. Teichmann | U | 4/18/50 |
| NEPA-1419 | Informal Progress Report No. 21 April 16 - May 15, 1950 (Metal Hydrides Inc.) | T. R. P. Gibb, Jr. | U | 5/18/50 |
| NEPA-1431 | Study of Effects of Turbulence Promoters on Heat Transfer (Covering Month of April, 1950. Armour Research Foundation) | A. Shaffer O. E. Teichmann | U | 5/18/50 |
| NP-124 | Thermodynamic Properties of Helium at High Pressures and Temperatures (General Electric) | | U | 5/47 |
| NP-1503 | A Bibliography of Some Physical Phenomena in Electric Discharges (Mellon Institute) | G. C. Akerlof E. Wills | U | 1/50 |
| NP-1642 | An Investigation of the Alpha-Ray Spectrum of Polonium (Univ. of Michigan) | J. J. Wagner | U | 1949 |
| NP-1846 | Nuclear Emulsion Techniques at the University of Brussels "On Processing Nuclear Emulsions. Part I. Concerning Temperature Development" | C. C. Dilworth et al. | U | 2/50 |
| NRL-3723 | Organic Scintillators (Naval Research Lab.) | S. H. Liebson | U | 8/21/50 |
| NYC-545 | Progress Report for June and September 1950 (Carnegie Inst. of Technology) | C. Moore et al. | U | 12/10/50 |

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| NYO-597 | The Measurement of Thermal Conductivity of Refractory Materials. Progress Report for Oct. 1 to Dec. 31, 1950. (MIT) | F. H. Norton et al. | U | 1/10/51 |
| NYO-755 | Plastic Deformation and Diffusionless Phase Changes in Metals; The Gold-Cadmium Beta Phase (Columbia) | L. C. Chang T. A. Read | U | 11/15/50 |
| NYO-780 | Design and Construction of Synchro-Cyclotron Final Report on Joint ONR-AEC Project Feb. 1, 1947 to Sept. 1, 1950 (Carnegie Inst.) | E. Creutz | U | 9/1/50 |
| NYO-1536 | Decontamination and Survey of Uranium Refinery Plant (Linde Air Products Co.) | R. C. Heatherton | OUO | 12/14/50 |
| NYO-1538 | An Inexpensive, Wide Range Gamma Ray Geiger Survey Meter (Health & Safety Division of New York Operations Office) | H. D. LeVine H. J. DiGiovanni | U | 1/4/51 |
| OANAR-30-50 | Magnetism Research in France (Office of Naval Research) | P. W. Forsbergh, Jr. | U | 2/17/50 |
| ORNL-701 | Mock-Up Design Report | W. R. Gall D. J. Mallon | S | 10/27/49 |
| PR-B-HR-8 | Progress Report. September - November 1950. Biology and Health Radiation Sub-Division (Canadian) | W. B. Lewis | S | |
| PR-C.E.-8 | Progress Report. September - November, 1950. Chemistry and Engineering Sub-Division (Canadian) | W. B. Lewis | S | |
| PR-IO-9A | Progress Report. October 16 - December 15, 1950. Industrial Operations Sub-Division (Canadian) | | S | |
| PR-P-8 | Progress Report. September - November 1950. Physics Sub-Division (Canadian) | W. B. Lewis | S | |
| RTM-51 | Investigations of Electroforming as a Rocket Motor Fabrication Technique (Aerojet Engineering Corp.) | J. H. Altseimer B. Jones | C | 8/29/49 |

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| SEP-42 | Attack-Polish Method of Metallographic Preparation (Sylvania Electric Products) | D. B. Metz H. W. Woods | U | 10/30/50 |
| SEP-43 | Self-Diffusion of Metals and Associated Phenomena. IV (Sylvania) | B. H. Alexander et al. | U | 12/28/50 |
| SEP-45 | The Hot Wire Process for Zirconium. I. The Decomposition Coefficient and Other Fundamental Aspects (Sylvania Electric Products) | R. B. Holden B. Kopelman | OUO | 11/16/50 |
| TID-70 | Journal of Metallurgy and Ceramics Issue No. 6. January 1951 | | S | |
| TID-235 | Nuclear Data for Low-Power Research Reactors | | U | 11/16/50 |
| TID-397 | Radiological Warfare Program Status Report. Sixth Meeting of the Joint AEC-NME Panel on Radiological Warfare | W. A. Noyes, Jr. et al. | S | 11/20/50 |
| TID-400 | Abstracts of Classified Reports Vol. 7, No. 1 | | S | 1/15/51 |

Reports Received from University of California at Los Angeles:

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| UCLA-107 | Spectral Energy Distribution in X-Ray Beam as a Function of Wavelength | M. A. Greenfield et al. | U | 1/29/51 |
| UCLA-110 | Changes in the Electrolytic Resistance of Blood Following Coagulation and Clot Retraction | T. J. Haley F. Stolarsky | U | 2/9/51 |
| UCLA-112 | The Inability of Thiourea to Modify Roentgen Ray Irradiation Mortality in Rats | T. J. Haley et al. | U | 2/16/51 |

Reports Received from University of Rochester:

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| UR-148 | Metabolism of Calcium in Normal, Rachitic, and Vitamin D Treated Rats as Evidenced by Radiocalcium (Ca^{45}) Studies | H. Hodge et al. | U | 1/15/51 |
| UR-155 | The Present Status of Variance Component Analysis | S. L. Crump | U | 1/25/51 |

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| <u>Reports Received from Westinghouse Electric Company:</u> | | | | |
| WAPD-MR-12 | Monthly Technical Progress Report. Westinghouse Atomic Power Division. Naval Reactor Program | | S | 12/50 |
| <u>Reports Received from Miscellaneous Sources:</u> | | | | |
| COO-21 | Preparation of High Purity Magnesium and a Study of the Effect of Non-Metallic and Alkali Metal Impurities on the Corrosion Characteristics of the Pure Magnesium. Annual Report. 12-1-49 to 11-31-50. (Dow Chemical Co.) | | U | |
| Misc-1950-1 | Technical Data Digest Index. July - December 1950 | | U | |
| Misc-1950-18 | Radet. Vol. 3, No. 12 | | OUO | 12/50 |
| Misc-1951-3 | Status of Materials Testing Irradiations. (Hanford Works) August 1, 1950 September 1, 1950 October 1, 1950 November 1, 1950 | | S S S S | |
| Misc-1951-8 | Directories Argonne Nat'l Lab. Telephone Directory Knolls Atomic Power Lab. Telephone Directory | | U U | 1/51 1/51 |
| NM 004 005. 04.05 | Effect of Carbon Dioxide on the Rate of Denitrogenation in Human Subjects (Naval Medical Research Institute) | R. Margaria J. Sendroy, Jr. | U | 8/8/50 |
| NM 007 081. 07.05 | A Recording Automatic Syringe for Rapid Intravenous Injections at Regulated Rates (Naval Medical Research Institute) | D. Minard E. F. Osserman | U | 8/22/50 |
| NP-1909 | An Electron Injection Gun for the M.I.T. Synchrotron (MIT) | O. L. Stone | U | 12/15/50 |
| NP-1935 | Monthly Research Report. (Office of Naval Research) | | C | 1/51 |
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| <u>MDDC and AECD Documents Received:</u> | | |
| 894 | Fast Amplifier Circuit Schematic | W. C. Elmore |
| 1583 | Photographs Showing Use of Health Physics Instruments | G. W. Morgan |
| 2919 | Hydrolytic Behavior of Metal Ions; II. Acidity of Thorium Tetrachloride Solutions | K. A. Kraus R. W. Holmberg |
| 2961 | Temperature Rise in a Pitted Surface | W. Karush |
| 2966 | Thermal Stresses and Strains in a Finite Cylinder with no Surface Forces | F. H. Murray |
| 2968 | Heat Flow from a Fix to a Boiling Liquid | A. V. Martin |
| <u>AECU Documents Received:</u> | | |
| 899 | Improved Calculations on Cascade Shower Theory | I. Bernstein |
| 914 | Metabolism of Soy Bean Leaves II. Amino Acids Formed During Short-Term Photosynthesis | L. P. Vernon S. Aronoff |
| 996 | Rise and Decay Times of Pulses from Photo-multipliers Using Liquid Phosphors | J. S. Allen T. C. Engelder |

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