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UNIVERSITY OF CALIFORNIA

Radiation Laboratory
Berkeley, California

Contract No. W-7405-eng-48

LIST OF UNCLASSIFIED REPORTS RECEIVED AND ISSUED IN THE UCRL
INFORMATION DIVISION DURING THE PERIOD OF SEPTEMBER 16-30, 1956

October 2, 1956

LIST OF UNCLASSIFIED REPORTS RECEIVED AND ISSUED IN THE UCRL
INFORMATION DIVISION DURING THE PERIOD OF SEPTEMBER 16-30, 1956

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

October 2, 1956

| <u>Index Number</u> | <u>Title</u> | <u>Author</u> | <u>Date</u> |
|------------------------|--|--|-------------|
| <u>BIOSCIENCES</u> | | | |
| AERE-Lib/ Trans-724 | Fine Structure of Elastic Fibres. Trans. from Zeitschrift fur Anatomie und Entwicklungsgeschichte <u>116</u> , 134-8 (1951). 6p. | G. Bahr. Gt. Brit. Atomic Energy Res. Est. | |
| AERE-Lib/ Trans-737 | The Effect of Intercellular Cementing Substances on the Staining of Collagenic and Elastic Tissue. Trans. from Archiv fur Dermatologie und Syphilis <u>194</u> , 400-4 (1952). 5p. | K. Huhn, Same | |
| AERE-Lib/ Trans-748 | Observations on the Elastic Fibres with the Electron Microscope. Trans. from Societa Italiana de Biologia Sperimentale, Naples. Bollettino <u>30</u> , 814-6 (1954). 5p. | L. Gotte, P. Munari, Same | |
| ANL-5596 | Semiannual Report [of] Radiological Physics Division [for] January through June, 1956 | | 7-56 |
| HW-43781 | Research, Development, and Experience Resources in Radiological Sciences at Hanford Atomic Products Operation | C. Irwin | 6-15-56 |
| IDO-14379 | Effectiveness of Various Solutions for Decontaminating Stainless Steel, Lead and Glass | J. Huff, Phillips Petroleum Co. | 5-24-56 |
| KAPL-1595 | Health Physics Report for April, May, June 1956 | L. Cherubin | |
| NP-6016 | The Biological Effect of Atomic Radiation: A Report to the Public | National Academy of Sciences | 1956 |
| NP-6017 | The Biological Effects of Atomic Radiation: Summary Reports | National Academy of Sciences | 1956 |

| | | | |
|---------------|---|---|---------|
| NP-6060 | Pathologic Effects of Atomic Radiation. Publication 452 | UCRL-3537 National Academy of Sciences | 1956 |
| NP-6067 | Quarterly Progress Report No. 20 | Chicago, Univ. | 7-15-56 |
| ORINS-12 | Rare Earths in Biochemical and Medical Research. A Conference Sponsored by the Medical Division, Oak Ridge Institute of Nuclear Studies, October 1955 | G. Kyker, E. Anderson, Oak Ridge Inst. of Nuclear Studies, Inc. | 9-56 |
| TID-5360 | A Summary of Accidents and Incidents Involving Radiation in Atomic Energy Activities, June 1945 through December 1955 | D. Hayes, Division of Organi- zation and Personnel Safety and Fire Pro- tection Branch, AEC | 8-56 |
| UR-461 | Studies on the Radioactive Aerosol Produced by Radon in Air | J. Shapiro, | 9-11-56 |
| USNRDL-TR-97 | Histochemical Demonstration of the Distribution of Injected Bone Marrow Growing in X-Irradiated Mice | P. Nowell, L. Cole, R. Roan, et al. | 6-13-56 |
| USNRDL-TR-104 | Further Studies on the Modification of Radiation Injury in Mice by Isologous and Heterologous Bone Marrow | L. Cole, J. Habermeyer, P. Nowell | 8-6-56 |

CHEMISTRY

| | | | |
|---------------|---|--|---------|
| AERE-C/R-852 | The Analysis of Uranium-Niobium Alloys | G. Milner, Gt. Brit. Atomic Energy Res. Est. | 1-22-52 |
| AERE-C/R-1656 | The Analysis of Heavy Water by Infra-Red Spectrometry | J. Gaunt, Same | 4-25-55 |
| AERE-C/R-1772 | Effect of Diluents on the Solvent Extraction of Nitrates. Part II. Extraction of Uranyl Nitrate Into Phosphate Esters | T. Healy, Same | 2-15-56 |

| | | | |
|------------------------|--|--|---------|
| AERE-C/R-1822 | The Determination of Molybdenum in its Binary Alloys with Uranium by High-Precision Spectrophotometry | A. Bacon, G. Milner, Gt. Brit. Atomic Energy Res. Est. | 5-3-56 |
| AERE-C/R-1867 | The Polonium Halides. Part 3. Polonium Tetraiodide | K. Bagnall, R. D'Eye, J. Freeman, Same | 3-15-56 |
| AERE-C/R-1868 | The Determination of Uranium in Low Grade Ores | F. Wild, Same | 3-56 |
| AERE-C/R-1927 | The Analysis of Heavy Water | F. Bryant, United Kingdom Atomic Energy Authority, Res. Group. Chem. Div. Woolwich Outstation, Eng. | 3-56 |
| AERE-C/R-1935 | Solvent Extraction Studies with Polonium. Part II Extraction with Dithizone | K. Bagnall, D. Robertson, Gt. Bri. Atomic Energy Res. Est. | 5-56 |
| AERE-ES/M-7 | Manipulator-Handling Box Alpha Tight Change Techniques | R. Welsher, Same | 3-56 |
| AERE-Lib/ Trans-650 | Amides and Nitrides. II. Nitrides, Trans. from F.I.A.T. Review of German Science, 1939-1946. Inorganic Chemistry, pt. 2. p. 64-71. 7p. | R. Juza, Same | |
| AERE-Lib/ Trans-656 | Resolving Power of Scintillation Spectrometers, Trans. from Akademiia Nauk, SSSR. Seriya Fizicheskaya. Izvestiia <u>19</u> , 352-4 (1955). 4p. | I. Barchuk, E. Galkin, M. Pasechnik, et al. Same | |

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Same

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Trans-716

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Trans-717

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Same

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|------------------------|--|--|---------|
| AERE-Lib/ Trans-725 | Isotope Exchange of Sulphur Atoms in Accelerating and Vulcanising Materials in the Presence of Diphenylguanidine and Phenyl-Beta-Naphthylamine, Trans. from Akademiia Nauk, SSSR. Doklady 105, 275-8 (1955). 6p. | G. Bloch, E. Golubkova, K. Kurskaya, Gt. Brit. Atomic Energy Res. Est. | |
| AERE-M/R- 1863 | Irradiation Damage in Single Crystals of Magnesium Oxide | F. Clarke, Same | 2-1-56 |
| AERE-M/R- 1920 | A Catalytic Mechanism of Anodic Inhibition in Metallic Corrosion | R. Huddle, P. Anderson, Same | 4-56 |
| AERE-N/M-76 | Neutron Detectors for the Harwell Fast Chopper | K. Nicholson, J. Hall, Same | 3-26-56 |
| ANL-5603 | The Heat Capacity and Thermodynamic Functions of Tetrauranium Nonoxide from 5 to 310°K | D. Osborne, E. Westrum, Jr., H. Lohr, | 8-56 |
| APEX-167 | Radiation Damage to Non-Metallic Materials | V. Calkins, General Electric Co. | |
| *CF-50-4-148 | Literature Survey Re: Bubble Formation | R. Wilson, Oak Ridge National Lab. | 4-27-50 |
| *CF-51-2-102 | The Recovery of Uranium from Natural Waters of the United States | F. Bruce, D. Ferguson, Same | 2-17-51 |
| *CF-51-7-120 | Performance of Hot Copper When Used for the Removal of Oxygen and Oxides of Nitrogen from a Gas Stream | H. Weeren, Same | 6-18-51 |
| *CF-51-10-28 | Purex Process. Vapor Pressure of Amsco 123-15 and of 30% TBP in Amsco 123-15 | L. Line, Jr., Same | 10-3-51 |

*Microcard

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|-----------------------|---|---|----------|
| *CF-51-11-44 | Some Observations on UO_3 Slurries. Quarterly Report for Period August 10 - November 10, 1951 | J. Blomeke, Oak Ridge National Lab. Tenn. | 11-7-51 |
| *CF-51-12-67 | The Preparation of $\gamma-UO_3 \cdot H_2O$ from Uranyl Nitrate | J. Blomeke, J. Bamberg, Same | 12-12-51 |
| *CF-52-1-93 | Density-Weight Percent Molarity Conversion Equations for Uranyl Sulfate-Water Solutions at $25.0^\circ C$ and Between $100-300^\circ C$. | W. Marshall, Same | 1-15-52 |
| *CF-52-3-143 | Thermal Decomposition of Nitrous Oxide | S. Jury, Same | 2-22-52 |
| *CF-52-3-253 | Physical Properties of Uranyl Sulfate Solutions at Atmospheric Pressure | J. Roarty, S. Kaplan, W. Powers, Same | 3-10-52 |
| *CF-52-4-37 | Experimental Heat Transfer Coefficients for Molten Sodium Hydroxide | H. Hoffman, Same | 4-2-52 |
| *CF-52-6-164 | Design of Fractionation Percolators | S. Jury, Same | 6-26-52 |
| *CF-52-7-132 | Equations Useful in Determining Separation Factors by Repeated Batch Extraction and Equilibration | J. Roberts, Same | 7-14-52 |
| *CF-52-7-162 | Pressure and Power Calculation Methods for Pulse Columns | H. Johnson, Same | 7-28-52 |
| CR-HP-643 | Hot-Pressed Silicate Materials for the Fixation of Fission Products | E. Evans, Atomic Energy of Canada Ltd. | 4-56 |
| CRB-658 (AECL-344) | Report on Waste Disposal System at the Chalk River Plant of Atomic Energy of Canada Limited | C. Mawson, Atomic Energy of Canada Ltd. | 7-56 |

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|--------------------------------|---|--|---------|
| IDO-14379 | Effectiveness of Various Solutions for Decontaminating Stainless Steel, Lead and Glass | J. Huff, Phillips Petroleum Co. | 5-24-56 |
| Jener Pub. -11 | Tracer Experiments on the Solvent Extraction of Neptunium and Plutonium | J. Kooi, Joint Est. for Nuclear Energy Res. | 1956 |
| K-1258 | The Influence of Specular Reflection on the Permeability of Porous Media | E. Lassetre, Oak Ridge Gaseous Diffusion Plant, Tenn. | 9-13-56 |
| K-1295 | On the Use of Infra-Red for Low Concentration Continuous Fluorine Analysis | D. Papke, Same | 9-12-56 |
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| NAA-SR-1576 | Determination of Small Quantities of Hydrogen in the Inert Gases | L. Silverman, W. Bradshaw, Atomics Inter- national Div., North American Aviation Inc., | 10-1-56 |
| NP-5939 | Effect of Irradiation on Solids. A Bibliography(2nd Edition) | Compiled by Helen C. Friedemann Penn. State Corp. | 3-30-56 |
| NRL-4806 | Reactions of Esters of Phosphorus Acids with Metallic Compounds | R. Fox, D. Venezky, Naval Res. Lab. | 8-1-56 |
| NRL-4807 | The Disordering of Polyatomic Solids by Neutrons | E. Harris, Same | 8-3-56 |
| ONRL-68-56 | Symposium on the Extraction Metallurgy of Some of the Less Common Metals | Office of Naval Res. | 7-27-56 |
| ORNL-1963 | Design of an Amine Extraction Demonstration Plant | B. Klima, H. McLeod, Jr., A. Ryon, et al., Oak Ridge National Lab. | 9-8-55 |

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| ORNL-2147 | The Sampling of Alkali Metal Systems with the Modified MSA Sampler | UCRL-3537 G. Goldberg, A. Meyer, Jr., J. White, Oak Ridge National Lab. | 9-10-56 |
| PR-CM-6A | Progress Report [for] April 1, to June 30, 1956 | Atomic Energy of Canada Ltd. | |
| WIN-44 | Acid Leach CCD - Columns Pilot Plant Testing of Lucky Mc Ore | T. Izzo, J. Jones, R. Shimmin, National Lead Co. Inc., | 5-12-56 |
| WIN-46 | Spectrophotometric Determination of Uranium with Thiocyanate in Butyl Cellosolve-Methyl Isobutyl Ketonewater Medium | O. Nietzel, M. DeSesa, Same | 9-6-56 |

ENGINEERING

| | | | |
|------------------------|---|--|---------|
| AERE-ED/R-1824 | Electromagnetic Pumping of Liquid Metals | D. Watt, Gt. Brit. Atomic Energy Res. Est. | 12-2-55 |
| AERE-ED/R-1872 | The Embedment of Abrasive in Lapped Surfaces | K. Williams, Same | 2-3-56 |
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| | | |
|---------------|---|---|
| APEX-167 | Radiation Damage to Non-Metallic Materials | V. Calkins, General Electric Co. |
| OCF-51-10-106 | Shielding Calculations for Radioactive Liquid Samplers | A. Arruzza, 10-15-51 Oak Ridge National Lab. |
| OCF-52-8-140 | Pressure Vessel Windows for use at High Pressures | C. Heisig, 8-6-52 Same |
| OCF-52-10-134 | Hydrodynamic Studies in Three Glass Models | L. Lesem, 10-21-52 Same |
| CREL-651 | AECL Preferred Electronic Parts List | Atomic Energy of Canada Ltd. 6-56 |
| KAPL-M-GH-15 | Analysis of Flanged Shell Joints and the Mechanism of Bolt Failure | G. Horvay, 11-8-54 Knolls Atomic Power Lab. |
| SC-3305(TR) | Sandia Deaphragm-Type Pressure Transducer for Shock Wave Measurements | P. Church, 1-6-54 Sandia Corp. |

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| | | |
|------------------------|---|--|
| AERE-Lib/ Trans-671 | Effects of Electropolishing on the Physical Chemical Properties of the Surface of Pure Aluminum, Trans. from Zhurnal Fizicheskoi Khimii <u>29</u> , 682-4 (1955). 7p. | P. Shchigolev, Gt. Brit. Atomic Energy Res. Est. |
| AERE-Lib/ Trans-678 | The Electrical Resistance and Plastic Deformation of Metals, Trans. from Zeitschrift fur Metallkunde <u>46</u> , 272-82 (1955). 23p. | H. van Bueren Same |
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| ADRE-Lib/ Trans-730 | Regularities in the Processes of Growth of Crystals. Part 3. Theory Concerning the Pressure Welding of Metallic Bodies, Trans. from Zeitschrift fur Metallkunde <u>46</u> , 854-9 (1955). 13p | F. Erdmann- Jesnitzer, W. Wichmann, Gt. Brit. Atomic Energy Res. Est. |
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| *CF-50-6-208 | Corrosion Tests on Stellite L-605 | J. English, 6-3-50 Same |
| CF-51-8-256 | Literature Survey on Columbium | W. Hagel, 8-21-51 Same |
| *CF-51-10-100 | Corrosion Newsletter No. 6 | J. English, 10-9-51 Same |
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| *CF-52-3-32 | Corrosion of 347 and 309 SCb Stainless Steel by Concentrated 1st Cycle Raffinate Wastes | A Olsen, 3-7-52 Same |
| *CF-52-6-33 | Columbium | H. Inouye, 6-4-52 Same |
| *CF-52-9-59 | Subsurface Void Formation in Metals During High Temperature Corrosion Tests | A. DeS. Brasunas, 9-5-52 Same |
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*Microcard

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|---------------|---|--|---------|
| MISC-1956-229 | The Spectrum of Activation Energies for Creep. Technical Report No. 47 | J. Dorn, California University Berkeley | 9-1-56 |
| NAA-SR-1627 | X-Ray Measurements of Irradiated Graphite Annealed at Elevated Temperatures | S. Austerman, Atomics International Div. North American Aviation Inc. | 9-15-56 |
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PHYSICS

| | | | |
|---------------|---|--|----------|
| AD-86661 | A Summary of High Speed Vacuum Tube Circuit Work for October and November, 1955. Report No. 68 | G. Leichner, Ill. Univ. | 12-12-55 |
| AECD-3732 | Operating Regulations for the Pajarito Remote Control Laboratories | H. Paxton, E. Mallary, L. Horvath, Los Alamos Scientific Lab. | |
| AECU-3144 | A Table of Radionuclides Arranged According to Half-Life | H. Mottram Clark, D. Neil Rensselaer Polytechnic Inst. | 12-55 |
| AECU-3195 | Proposed Control Operation Program for the Power Reactor Development Company Fast Breeder Reactor | R. Klecker, Atomic Power Development Associates, Detroit | 6-56 |
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| AERE-R/R-1936 | Delayed Neutron Investigations with the Zephyr Fast Reactor. Part I. Pneumatic Transfer System. Part II. The Delayed Neutrons Arising from Fast Fission in U ²³⁵ , U ²³³ , U ²³⁸ , Pu ²³⁹ and Th ²³² | Pt. 1 R. Smith, D. McVicar, E. Thorne, Pt 2. H. Rose, R. Smith, Same | 4-27-56 |
| AERE-T/R-1903 | Criticality Calculations by Montecarlo Methods | K. Morton, Same | 3-56 |

| | | | |
|------------------------------------|--|--|---------|
| AFOSR-TN-56-22 | Pinhole Camera Gun Tester for Investigation of Electron Beams | UCRL-3537 R. Campbell, Ohio State Univ, Res. Foundation, (Columbus.) | 1-56 |
| ANL-5596 | Semiannual Report [of] Radiological Physics Division [for] January through June, 1956 | | 7-56 |
| CERN-PS/RH-10 | Stability of Two-Dimensional Non-Linear Oscillations with Periodical Hamiltonian; Applied to the Non-Linear Oscillations of Circular Particle Accelerators. Part II. Application | European Organization for Nuclear Res. | 7-56 |
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| *CF-50-2-108 | On Physical Adsorption. IV. A Comparison of Two Theories of Multilayer Adsorption | S. Ross, Same | 1950 |
| *CF-51-5-199 | The Uncollided Flux in a Straight Cylindrical Duct | E. Blizard, Same | 5-18-51 |
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| CRP-652 | Nuclear Reactions in Stars and Nucleogenesis | A. Cameron, Same | 7-56 |
| MF-76 | The Capture of Negative Mu Mesons by Atomic Nuclei (Thesis) | F. Cole, Cornell Univ. | 6-53 |
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|------------|--|--|---------|
| NRL-4589 | Regulated Power Supplies with Silicon Junction Reference | D. Scorgie, Naval Res. Lab. | 8-12-55 |
| NYO-7460 | Angular Momentum Coupling and the Internucleon Interaction in the Calcium Isotopes | J. French, B. Raz, Rochester, Univ. and Argonne National Lab. | 6-27-56 |
| NYO-7669 | Note of the Spin 2^+ Hypothesis for the K Meson | R. Marshak, E. Sudarshan, Rochester, N. Y. Univ. | 8-28-56 |
| NYO-7670 | The Two-Nucleon Interaction at High Energies and the Levy Potential | H. Gelernter, Rochester, N. Y. Univ. | 7-19-56 |
| NYO-7674 | The Mass Difference Σ^{\pm} and Their Anomalous Magnetic Moments | E. Sudarshan, R. Marshak, Rochester, N. Y. Univ. | 8-2-56 |
| NYO-7676 | On the Effect of Sector Flare in Fixed Field Segmented Accelerators | F. Salzman, A. Roberts, Rochester, N. Y. Univ. | 8-27-56 |
| ONRL-68-56 | Symposium on the Extraction Metallurgy of Some of the Less Common Metals | Office of Naval Res. | 7-27-56 |
| ONRL-70-56 | The 1956 Amsterdam Conference on Nuclear Reactions | J. Richardson, Office of Naval Res. | 7-24-56 |
| ONRL-78-56 | Experimental Facilities for Nuclear Physics at the University of Bonn, Germany | J. Richardson, Same | 8-28-56 |
| ORNL-2120 | A New Estimation Procedure for Linear Combinations of Exponentials | R. Cornell, Oak Ridge National Lab. | 9-13-56 |
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Same

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Use with Exponential Assemblies

V. Crocker, 3-7-56
K. Kenry,
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*CF-49-1-281 An Estimate of the Air Cooling Requirements of the High Flux Pile -
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*CF-49-11-48 Alternate Design of Homogeneous Pile Reactor Chamber

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*CF-49-12-18 MTR Shield Survey. Report No. 3

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*CF-49-12-82 Homogeneous Reactor Pilot Plant Design Study

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| UCF-49-12-83 | Xenon Poisoning at Varying Power Levels | J. Lane, Oak Ridge National Lab. | 12-14-49 |
| UCF-50-3-43 | Determination of Temperature Patterns in East Side Thermal Shield of the Materials Testing Reactor | V. Zora, Same | 3-10-50 |
| UCF-50-3-114 | Specifications for Rough Sections of Beryllium for the Materials Testing Reactor | M. Mann, Same | 3-22-50 |
| UCF-50-4-115 | Thermal Stresses in HRE Reflector Tank | H. Savage, Same | 4-19-50 |
| UCF-50-5-140 | Interim Report of Neutron and Gamma Experiments on the MTR Mock-Up | S. Beall, W. Breazeale, R. Briggs, et al., Same | 5-11-50 |
| UCF-50-9-139 | HRE--Slow Flux in the Shield | H. Enlund, Same | 9-25-50 |
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| UCF-52-1-209 | Calculated Pressure Drop Across Reactor Core Vessels | J. Bradfute, Same | 1-24-52 |
| UCF-52-2-55 | Neutron Spectrum and Dose Buildup Factor in Water | H. Sleeper, Same | 2-7-52 |
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| UCF-52-5-90 | Design of a Bellows Type Transfer Pump for the Boiling Homogeneous Reactor | J. Roarty, Same | 5-12-52 |
| UCF-52-10-181 | Preliminary Design of Screens for the Inlet of the ISHR Core | I. Spiewak, Same | 10-18-52 |

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| *CF-52-11-18 | Operational Requirements for the Teapot Recombiner | UCRL-3537 C. Lawson, Oak Ridge National Lab. | 11-1-52 |
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| ANL-5610 | Annual Report [for] 1955 | Argonne National Lab. | |
| ANL-5616 | Additions to the Library Report for the Period August 16-31, 1956 Technical Reports and Books | P. Schulze, Same | |
| *CF-52-4-87 | Aerial Surveying with Light Aircraft for the Detection of Radio- active Contamination on the Ground | D. Davis, J. Hart, K. Morgan, Oak Ridge National Lab. | 4-30-52 |
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| UCRL-3447 | Absorption Spectra of Suspensions of Carotene Crystals | Kazuo Shibata | 8-56 |
| UCRL-3451 | Estimation of Atherogenic Index and Accumulated Coronary Disease in Human Males: Evaluation from Serum Gravimetric "Total Lipid" or Total Cholesterol Concentration | A. Nichols, F. Lindgren, J. Fogman | 6-26-56 |
| UCRL-3463 | Beam Storage in the 184-Inch Cyclotron | F. Crawford, Jr., W. Stubbins | 7-9-56 |
| UCRL-3478 | Compound Model for V Particles | R. King, D. Peaslee | 9-56 |
| UCRL-3479 | Medical and Health Physics Quarterly Report - April, May, June 1956 | | 7-30-56 |
| UCRL-3509 | Static Model for Meson Production | D. Peaslee | 8-22-56 |
| UCRL-3527 | List of Unclassified Reports Received and Issued by the UCRL Information Division During the Period of September 1-15-, 1956 | | 9-18-56 |
| UCRL-3528 Abstract | Spin of Thallium Isotopes 198m, 199, and 204 | G. Brink, J. Hubbs, W. Nierenberg, et al. | 9-56 |
| UCRL-3529 Abstract | The Spin of 7.1-Day Cs ¹³² | W. Nierenberg, J. Hubbs, H. Shugart, et al., | 9-56 |

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