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# REC RESEARCH AND DEVELOPMENT REPORT

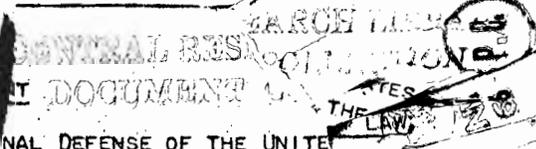
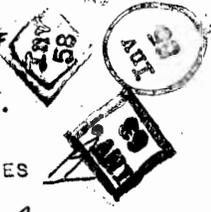
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- N-1 (CP-G) NOTES ON VARIOUS LECTURES. *neutron measurements, etc.*  
March 31, 1942.  
By E. Fermi.
- N-2 See report No. CL-440.
- N-3 See report No. CC-402.
- N-4 (CC-G) PROPERTIES OF  $UF_6$  EXTRACTS FROM B-3, B-36, AND CN-362;  
November, 1941, to November, 1942.  
By H. L. Anderson and H. S. Brown.
- N-5 (CC-An) THE MICRODETERMINATION OF PRODUCT--PROGRESS REPORT.  
December 18, 1942.  
By W. B. Geiger and A. M. Lyon.
- (N-6-9 = see CA-799)
- N-10 See report No. CPA-502.
- N-11 see CA-799)
- N-12 (CC-G) PROGRESS REPORT.  
December 15, 1942.  
By C. A. Kraus.
- N-14 (CL-CC) SECTION A OF PROJECT HANDBOOK ON PROPERTIES OF PRODUCT AND COMPOUNDS AND GRAPHITE.  
January 29 and April 16, 1943.  
By J. A. Lane.
- N-15 (CC-R) FISSION CHAINS, YIELDS, DECAY RELATIONSHIPS,  $\beta$  AND  $\gamma$  ENERGIES, AND MASS ASSIGNMENTS. (MUC-CDC-10)  
March 4, 1943.  
By C. D. Coryell.
- N-17 (CC-G) AMMONIUM BIFLUORIDE AS A FLUORINATION AGENT FOR BROWN OXIDE IN MANUFACTURE OF GREEN SALT.  
(no date)  
By D. Copenhafer.

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- N-32  
(CC-G) MEMORANDUM ON PREPARATION OF PERTUBERIC ACID FROM  
TUBANYL SULFATE SOLUTIONS.  
April 30, 1943. (W-34)  
By L. Spiegler.
- N-33  
(CC-G) PREPARATION OF GREEN SALT DIRECTLY FROM ORANGE  
OXIDE.  
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- N-34  
(CC-G) TUBALLOY PROCESS RESEARCH.  
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- N-35  
(CC-G) TUBALLOY PROCESS RESEARCH.  
April 13, 1943.
- N-36  
(CC-G) THE EXTRACTION OF HEX LIQUOR.  
(no date)  
By J. R. Lacher?
- N-37  
(CC-G) PRELIMINARY REPORT ON THE EXPLOSIVE PROPERTIES OF  
HEX CRYSTALS.  
May 11, 1943.  
By D. R. Copenhafer.
- N-38  
(CC-G) CONVERSION OF METAL TO HEX FOR SHOTGUN TEST.  
(no date)  
By J. R. Lacher.
- N-39  
(CC-G) THE EFFECT OF TEMPERATURE AND NITRATES ON THE REDUCTION  
OF ORANGE OXIDE.  
May 13, 1943.  
By L. Kaplan and R. Midlam.
- N-40  
(CC-G) SOLUBILITY OF SODIUM TUBANYL CARBONATE.  
May 7, 1943.  
By E. O. Brinn.
- N-41  
(CC-G) EQUILIBRIUM CONSIDERATIONS IN THE PREPARATION OF  
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May 7, 1943.  
By E. O. Brinn.
- N-42  
(CC-An) DISSOLVING THE METAL FOR SHOTGUN TEST.  
(no date)  
By T. R. Cunningham.
- N-43  
(CT-M) VACUUM CASTING OF TUBALLOY.  
April 10, 1943.  
By F. A. Newcombe.

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- N-44  
(CT-M) OPERATION AND PERFORMANCE OF VACUUM INDUCTION FURNACES  
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- N-45  
(CT-M) REPORT ON CASTING PROCESS FOR TUBALLOY. - Ames  
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- N-46  
(CT-M) CASTING AND CUTTING OF TUBALLOY.  
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By R. L. Anicetti.
- N-47  
(CT-M) T CASTING AND PURITY.  
May 13, 1943.  
By R. J. Anicetti.
- N-48  
(CC-G) RECOVERY OF METAL PEROXIDE FROM  $\text{Na}_2\text{T}_2\text{O}_7$ .  
March 10, 1943.  
By L. Spiegler.
- N-49  
(CC-G) RECOVERY OF METAL PEROXIDE FROM SLAG AND DROSS.  
March 10, 1943.  
By L. Spiegler.
- N-50  
(CP-G) THE MULTIPLICATION AND DIFFUSION OF NEUTRONS IN A  
LATTICE OF TUBALLOY-CONTAINING SPHERES IMBEDDED IN A  
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(no date)  
By R. F. Christy.
- N-51  
(CC-G) METHOD FOR THE REMOVAL OF IRON FROM TUBANYL CHLORIDE  
SOLUTIONS.  
July 6, 1943.  
By J. R. Ruhoff.
- N-52  
(CH) SAMPLE MINUTES OF A MEETING OF A CENTRAL SAFETY  
COMMITTEE.  
July 15, 1943.  
By S. L. Rapier.
- N-53  
(CT-M) MOLD FOR CASTING OF T EGGS.  
July 1, 1943.  
By J. R. Ruhoff.
- N-54  
(CT-C) SUMMARIES OF DATA ON Al CORROSION. (MUC-JPH-81,  
MUC-JPH-121)  
July 24 and September 21, 1943.  
By J. P. Howe and J. E. Draley.
- N-55  
(CH) LITERATURE AVAILABLE ON THE DISPERSION OF GASES FROM  
STACKS.  
July 14, 1943.  
By R. C. Tolman.

- N-57  
(CC-Pn) BIBLIOGRAPHY ON ANALYSIS AND PURIFICATION OF WATER.  
July 28, 1943.  
By S. M. Feldman.
- N-58  
(CC-An) SUMMARY OF ANALYTICAL REPORTS.  
July 1, 1943.  
By J. R. Ruhoff.
- N-59\*  
(CN-G) QUANTITY OF NOBLE GASES DEVELOPED IN W PILE METAL.  
(MUC-CDC-65)  
August 6, 1943.  
By C. D. Coryell.
- N-60  
(CT-M) CONCENTRIC CLOSURE FOR ALUMINUM TUBES. (MUC-HCV-152)  
August 2, 1943.  
By M. T. Kane.
- N-62  
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By E. F. Tibbette and J. B. Cohen.
- N-65  
(CA-M) PROCEDURE FOR RECORDING OF DISCOVERIES AND PATENT  
DISCLOSURES.  
August 17, 1943.  
By A. J. Dempster.
- N-75  
(CT-M) EXTRUSION, DEGASING, AND STRAIGHTENING OF T RODS.  
June 28, 1943.  
By W. E. Kirst.
- N-76  
(CC-R) ESTIMATED GAMMA CURIES IN A 30 DAY X SLUG. (MUC-CDC-76)  
September 7, 1943.  
By C. D. Coryell.
- N-77  
(CT-C) REPORT ON CONFERENCE ON COATINGS. (MUC-JFH-112)  
September 9, 1943.  
By J.P. Howe.
- N-79  
(CH) MINUTES OF MEETING HELD JULY 19, 1943, of RADIATION  
MONITORING COMMITTEE. (MUC-HG-199)
- N-80\*  
(CC-t) "23" PROBLEM AND PRELIMINARY CONCLUSIONS. (MUC-HCV-192)  
August 26, 1943.  
By K. P. Cohen.

\* Limited.

- N-82  
(CT-C)                    CONSIDERATIONS ON PROPOSAL TO INCREASE JACKET  
THICKNESS. (MUC-SKA-196)  
September 16, 1943.  
By S. K. Allison.
- N-83  
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September 13, 1943.  
By J. P. Howe.
- N-84  
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September 15, 1943.  
By J. P. Howe.
- N-85\*  
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- N-86\*  
(CS-I(G))                TECHNICAL DIVISION. PROGRESS REPORT FOR WEEK ENDING  
SEPTEMBER 11, 1943.
- N-87  
(CC-An)                   DETERMINATION OF IRON IN TUBALLOY METAL, OXIDE, AND  
TETRAFLUORIDE.  
May 3, 1943.  
By N. H. Furman, C. E. Bricker, and others.
- N-89  
(CH)                      LETTERS IN REGARD TO INDUSTRIAL SAFETY PRACTICES IN  
PLANTS HANDLING TUBALLOY. (MUC-HG-209, MUC-HG-210,  
MUC-HG-215, MUC-HG-226)  
August 9-30, 1943.  
By W. D. Norwood.
- N-90\*  
(CS-I(G))                TECHNICAL DIVISION. PROGRESS REPORT FOR WEEK ENDING  
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- N-91  
(CC-An)                   DETERMINATION OF Cd IN Mg METAL.  
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- N-92  
(CC-G)                    MEMORANDUM ON THE PRECIPITATION OF TUBALLOY PEROXIDE.  
March 25, 1943.  
By E. O. Brimm.
- N-93  
(CC-An)                   EXTRACTS FROM MCW CONTROL PROCEDURE FOR SODIUM SALTS.
- N-94  
(CC-An)                   A SUPPLEMENTARY REPORT TO THE ELECTROLYTIC-POLAROGRAPHIC  
METHOD OF ANALYSIS.  
April 24, 1943.  
By C. E. Bricker and N. H. Furman.

\* Limited.

- N-95 MISCELLANEOUS PAPERS ON SPECTROGRAPHIC ANALYSIS.  
(CC-An) April and June, 1943.  
By G. R. Harrison.
- N-96 MISCELLANEOUS PAPERS ON ANALYTICAL METHODS FOR TUBALLOY.  
(CC-An) September, 1942, to June, 1943.
- N-97 ROCKY MOUNTAIN SPOTTED FEVER.  
(CH) September, 1943.  
By P. A. Fuqua.
- N-98\* MONTHLY REPORT ON THE ACTIVITIES OF THE CHEMICAL  
(CS-I(C)) DIVISION. (MUC-JF-91)  
September 17, 1943.  
By J. Franck and associates.
- N-99\* PROCESS MANUAL. PAGES REMOVED FROM VARIOUS SECTIONS.  
(CS-P)
- N-100\* PROCESS MANUAL. SECTION 1. INTRODUCTION.  
(CS-I(G))
- N-101\* PROCESS MANUAL. SECTION II. PILE RAW MATERIALS.  
(CT)
- N-102\* PROCESS MANUAL. SECTION III. PILE THEORY AND OPERATION.  
(CP-G)
- N-103\* PROCESS MANUAL. SECTION IV. PROCESS RAW MATERIALS.  
(CN-S) July 26, 1943.
- N-104\* PROCESS MANUAL. SECTION V. METAL SOLUTION.  
(CN-S) September 25, 1943.
- N-105\* PROCESS MANUAL. SECTION VI. PRODUCT RECOVERY. WET B  
(CN-S) PROCESS.
- N-106\* PROCESS MANUAL. SECTION VI-A. PRODUCT RECOVERY.  
(CN-S) WET D PROCESS.
- N-107\* PROCESS MANUAL. SECTION VII. PRODUCT PURIFICATION.  
(CN-S) WET B PROCESS.  
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- N-108\* PROCESS MANUAL. SECTION VII-A. PRODUCT PURIFICATION.  
(CN-S) WET D PROCESS.

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- N-109\*  
(CN-S) PROCESS MANUAL. SECTION VIII. WASTE DISPOSAL.  
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- N-110\*  
(CN-S) PROCESS MANUAL. SECTION VIII-A. WASTE DISPOSAL.  
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- N-111A  
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- N-111C\*  
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- N-114\*  
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- N-115\*  
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- N-116\*  
(CN-S) PROCESS MANUAL. SECTION XIII. MATERIALS OF  
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- N-118\*  
(CS-I(G)) TECHNICAL DIVISION. PROGRESS REPORT FOR WEEK ENDING  
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- N-119\*  
(CS-I(G)) TECHNICAL DIVISION. PROGRESS REPORT FOR WEEK ENDING  
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- N-120\*  
(CS-I(C)) REPORT FOR RESEARCH DIVISION ACTIVITIES FOR WEEK ENDING  
October 3, 1943.  
By R. L. Dean.
- N-121  
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- N-122\*  
(CN-S) PROCUREMENT OF TUBANOUS SALTS.  
October 6, 1943.  
By H. S. Brown.

\* Limited.

- N-123\*  
(CN-S)      PROCESS DEVELOPMENT--BiPO<sub>4</sub> PROCESS. (MUC-JBS-56)  
October 8, 1943.  
By J. B. Sutton and associates.
- N-124  
(CC-R)      BY-PRODUCT CHAINS, YIELDS, DECAY RELATIONSHIPS,  
β AND γ ENERGIES, MASS ASSIGNMENTS AND HALF-LIVES. (MUC-CDC-80)  
September 20, 1943.  
By C. D. Coryell and E. L. Brady.
- N-125\*  
(CN-S)      DECONTAMINATION AND SOLUBILITY STUDIES IN THE BiPO<sub>4</sub>  
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September 2, 1943.  
By C. D. Coryell.
- N-128  
(CT-C)      MEETING ON WELDING. (MUC-ABG-28)  
October 11, 1943.  
By A. B. Greninger.
- N-130  
(CH)      TRANSMISSION OF BETA-RAYS FROM X METAL THROUGH  
LEADED-LEATHER GLOVES. (MUC-HG-241)  
September 29, 1943.  
By H. M. Parker and J. C. Hart.
- N-131  
(CC-An)      REPORT ON SPECTROGRAPHIC ANALYSES OF BISMUTH METAL.  
October 1, 1943.  
By C. J. Rodden and B. F. Scribner.
- N-132  
(CT-M)      PROBLEMS OF METALLURGY OF Al AND T, AND T CORROSION.  
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September 11, 1943.  
By E. Creutz.
- N-133  
(CE)      LAST DITCH CONTROL OF PILE WITH CADMIUM SOLUTION IN  
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October 8, 1943.  
By C. M. Cooper.
- N-134\*  
(CE)      COMMENTS ON TRIP TO W SEPTEMBER 28 TO OCTOBER 3, 1943.  
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October 5, 1943.  
By C. M. Cooper.
- N-137\*  
(CN-S)      DECONTAMINATION AND SOLUBILITY STUDIES IN THE  
BiPO<sub>4</sub> PROCESS. (MUC-NS-90)  
October 8, 1943.  
By N. Sugarman.

\* Limited.

- N-139  
(CT-C) COMMENTS ON CORROSION OF T AND COATED SLUGS. (MUC-JPH-131)  
October 4, 1943.  
By J. P. Howe.
- N-140  
(CT-C) ADHERENT ELECTROPLATES. (MUC-RFW-129)  
Progress report for week ending October 2, 1943.  
By R. F. Wehrman.
- N-141  
(CT-C) MEETING ON COATINGS. (MUC-JPH-126)  
October 1, 1943.  
By J. P. Howe.
- N-142  
(CT-C) COATING PROGRAM. (MUC-JPH-127)  
October 1, 1943.  
By J. P. Howe.
- N-143  
(CH) EXPOSURE AND PRECAUTIONS IN HANDLING HF AND Hg. (MUC-HG-244)  
October 5, 1943.  
By J. J. Nickson.
- N-144  
(CC-An) DEVELOPMENT OF THE PROCEDURE FOR THE DETERMINATION OF  
DILUTE HYDROGEN PEROXIDE. (MUC-EFS-128)  
October 1, 1943.  
By R. W. Berger.
- N-145  
(CP-I) EXCHANGE OF LETTERS ON NEUTRON MEASUREMENT BY CHAMBERS  
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September 29, and October 11, 1943.  
By V. C. Wilson and V. F. Hanson.
- N-147  
(CT-C) EQUIPMENT AND PROCEDURE FOR SEMI-WORKS BONDING OF W SLUGS.  
(MUC-LMF-134)  
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By L. M. Foster.
- N-148  
(CT-C) COMPARATIVE CORROSION OF 72S AND 2S ALUMINUM. (MUC-JPH-136)  
October 13, 1943.  
By J. P. Howe.
- N-150\*  
(CN-G) ACTIVITIES OF SECTION C-III (LETTER TO C. D. CORYELL).  
(MUC-NS-88)  
October 2, 1943.  
By N. Sugarman.
- N-151\*  
(CN-S) PROCESS DEVELOPMENT--B<sub>1</sub>PO<sub>4</sub> PROCESS. (MUC-JBS-46)  
September 17, 1943.  
By J. B. Sutton and associates.

\* Limited.

- N-152\*  
(CN-S) PROCESS DEVELOPMENT--BiPO<sub>4</sub> PROCESS. (MUC-JBS-26, MUC-JBS-34,  
MUC-JBS-39)  
July 9, August 6, and August 27, 1943.  
By J. B. Sutton and J. H. Peterson.
- N-154  
(CP-G) CRYSTAL DIMENSIONS OF GRAPHITE.  
September 27, 1943.  
By H. G. MacPherson.
- N-155  
(CT-C) CORROSION OF WASTE STORAGE TANK LININGS. (MUC-JPH-139)  
October 14, 1943.  
By J. P. Howe.
- N-156  
(CP-G) LETTERS ON USE OF MASS SPECTROGRAPH FOR DETERMINATION  
OF IMPURITIES, Sn AND Ga ISOTOPIC RATIOS, AND OTHER  
ANALYSES. (MUC-AJD-5)  
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By A. J. Dempster and J. A. Wheeler.
- N-157\*  
(CS-I(G)) TECHNICAL DIVISION. PROGRESS REPORT FOR WEEK ENDING  
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- N-158  
(CT-C) EQUIPMENT FOR CORROSION TESTS. (MUC-HWB-22)  
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By H. W. Bellas.
- N-159\*  
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- N-160  
(CP-I) POSSIBILITIES OF EXTENDING THE RANGE OF BORON COATED  
ION CHAMBERS TO MEASURE HIGHER NEUTRON INTENSITIES.  
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October 1, 1943.  
By W. P. Jesse.
- N-162  
(CH) INSTRUCTIONS FOR SHIPPING RADIUM.  
October 13, 1943.  
By J. J. Nickson and L. A. Pardue.
- N-163  
(CC-An) MISCELLANEOUS PROBLEMS IN SPECTROCHEMICAL ANALYSIS  
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October 9, 1943.  
By G. K. Rollefson.
- N-164  
(CT-C) CONFERENCE ON DOUBLE JACKETING. (MUC-JPH-142)  
October 16, 1943.  
By J. P. Howe.

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- N-166  
(CP-G) NOTES ON PILE THEORY AND EXPERIMENTAL PILES  
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CP-358 .  
September 23 - November 10, 1942.  
By E. Fermi.
- N-168\*  
(CS-I(G)) TECHNICAL DIVISION. PROGRESS REPORT FOR WEEK ENDING  
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- N-170  
(CT-C) CORROSION OF WASTE STORAGE TANKS. (MUC-JPH-144)  
October 19, 1943.  
By J. P. Howe.
- N-171  
(CC-R) RADIOACTIVITY IN GRAPHITE.  
October 16, 1943.  
By N. Sugarman.
- N-172  
(CT-C) CONFERENCE ON PROGRESS OF COATING WORK. (MUC-JPH-146)  
October 19, 1943.  
By J. P. Howe.
- N-173\*  
(CS-I(C)) MONTHLY REPORT ON THE ACTIVITIES OF THE CHEMICAL  
DIVISION. (MUC-JF-103)  
October 15, 1943.  
By J. Franck.
- N-174  
(CT-C) CORROSION AND INDUCED ACTIVITY IN 72S ALCLAD.  
(MUC-SKA-258, MUC-SKA-260)  
October 19, 1943.  
By S. K. Allison.
- N-175\*  
(CN-S) PROCESS DEVELOPMENT--BIPO<sub>4</sub> PROCESS. (MUC-JBS-62)  
October 20, 1943.  
By J. B. Sutton.
- N-176  
(CT-C) CORROSION TESTS ON HOT DIP COATED SLUGS. (MUC-JED-147)  
October 20, 1943.  
By J. E. Draley.
- N-177  
(CP-G) USE OF MODEL C COSMIC RAY METER FOR DETECTION OF  
NEUTRINOS. (MUC-ECW-2)  
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- N-178  
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By E. W. Brugmann.

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- N-179  
(CH) VENTILATION OF OPERATING GALLERY AT W.  
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- N-183\*  
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- N-186 This report is composed of a group of memoranda, letters,  
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- N-188  
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- N-191  
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- N-192  
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- N-193\*  
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- N-194  
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- N-196\*  
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By C. M. Cooper and G. T. Seaborg.
- N-197  
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- N-200  
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- N-203  
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- N-206  
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- N-207  
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- N-208  
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- N-209  
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- N-210  
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- N-211  
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- N-212  
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- N-213  
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- N-214  
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- N-215  
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- N-216  
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October 19, 1943.  
By L. Seren, W. E. Moyer, and W. Sturm.

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- N-218\*  
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- N-219\*  
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- N-222  
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- N-223  
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- N-224\*  
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- N-226  
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- N-227  
(CP-G) NEUTRON BEAM SPECTROMETER STUDIES OF BORON, CADMIUM, AND THE ENERGY DISTRIBUTION FROM PARAFFIN.  
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- N-229\*  
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- N-231  
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- N-232  
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- N-233\*  
(CN-S) PLANS FOR EXTRACTING PRODUCT FROM P-9 PILES.  
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- N-234\*  
(CN-S) CONCENTRATION METHODS. (MUC-GTS-289)  
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- N-236\*  
(CP-G) NECESSITY OF REMOVING O<sup>18</sup> FROM P-9. (MUC-EC-43)  
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- N-237  
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- N-238\*  
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- N-243  
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- N-244  
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- N-245  
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- N-246  
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- N-250\*  
(CS-I(C)) MONTHLY REPORT ON THE ACTIVITIES OF THE CHEMICAL  
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November 12, 1943.  
By J. Franck, T. R. Hogness, and associates.

\* Limited.

- N-251\* RESEARCH AND DEVELOPMENT PROGRAM. (MUC-FHS-109)  
(CS-I(C)) Report for month of October, 1943.  
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- N-252\* WEIGHTS OF BY-PRODUCTS EXPECTED IN FILE MATERIAL. (MUC-GTS-264)  
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- N-254\* PRODUCTION AND PROPERTIES OF PRODUCT METAL. (MUC-GTS-296)  
(CK-G) November 15, 1943.  
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- N-255 ALPHA EXTRUSION OF T. (MUC-EC-44)  
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- N-256 THE pH OF TUBANYL SULFATE SOLUTIONS. (MUC-GEB-411)  
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- N-257 HANDLING OF TUBALLOY. (MUC-HG-262)  
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- N-258\* NOMENCLATURE FOR THE STEPS IN PROCESSING PRODUCT. (MUC-GTS-293)  
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- N-272 HEAT TRANSFER IN VESSELS HEATED OR COOLED BY JACKETS OR  
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- N-274\* TECHNICAL DIVISION. PROGRESS REPORT FOR WEEK ENDING  
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- N-275\* TECHNICAL DIVISION. PROGRESS REPORT FOR WEEK ENDING  
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- N-277\* BIOLOGICAL SECTION. REPORTS FOR WEEKS ENDING  
(CH) October 9, 1943, to January 29, 1944.  
By H. J. Curtis and associates.
- N-279\* EXPERIMENTAL PROGRAM FOR CYCLOTRON. (MUC-TRH-7, MUC-WWW-17,  
(CS-I(P)) MUC-GTS-312)  
November 25 and 26, 1943.  
By T. R. Hogness, G. T. Seaborg, and W. W. Watson.

\* Limited.

- N-280\*  
(CC) VARIOUS PAPERS ON TITANIUM ZEOLITE SAMPLES.  
December 11, 1943.  
By J. M. Shoemaker and R. H. Beaton.
- N-281  
(CT-M) TRIP TO VARIOUS COMPANIES ENGAGED IN WORK ON  
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By J. M. Simmons.
- N-282\*  
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- N-283  
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By A. S. Weygant, and J. P. Howe.
- N-284  
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- N-286\*  
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- N-288  
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- N-289  
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- N-291\*  
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- N-294  
(CT-C) ALUMINUM TANKS FOR DISTILLED WATER.  
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- N-298  
(CP-G) STATISTICAL VARIATIONS IN IDEALIZED PILING  
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\* Limited.

- N-301\*  
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- N-303\*  
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- N-305  
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- N-307  
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- N-308  
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2-RIB TUBING. (MUC-SGB-3)  
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- N-309  
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- N-310  
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- N-311  
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- N-314\*  
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- N-315\*  
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- N-316  
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- N-318  
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- N-319  
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- N-320\*  
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- N-322\*  
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- N-324\*  
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- N-325  
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- N-327\*  
(CN-AH) MASS SPECTROGRAPH METHOD FOR CONTROL ANALYSIS. (MUC-WWW-20)  
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- N-328  
(CE) DESIGN OF RIBBED TUBES.  
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- N-332\*  
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- N-337  
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- N-341\*  
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- N-343  
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- N-344  
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- N-345  
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- N-346  
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- N-347  
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- N-349  
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- N-350  
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- N-351  
(CP-G) EFFECT OF BORON "BURNING" ON k. (MUC-SKA-292)  
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- N-352  
(CP-G) STATUS OF INFORMATION ON HOT SPOTS AT CONTACT BETWEEN  
SLUG JACKET AND RIBS. (MUC-SKA-278)  
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- N-353  
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- N-354  
(CT-C) POSSIBILITY OF USING UNJACKETED SLUGS. (MUC-SKA-203)  
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- N-355  
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- N-356\*  
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By J. Franck, T. R. Hogness, and associates.

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- N-358\*  
(CC) ANALYTICAL LABORATORY.  
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By R. J. Voskuyl.
- N-359\*  
(CC) ANALYSIS OF SPECIAL WATER SAMPLE.  
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By R. J. Voskuyl.
- N-360  
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By R. H. Jebens.
- N-363  
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- N-364\*  
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- N-365  
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- N-366  
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- N-368  
(CP-G) STRIPPING VERSUS POISONING OF PILE. (MUC-AMW-24)  
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- N-369  
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- N-370  
(CC-R) NOTE ON FISSION CHAINS WITH GASEOUS ANCESTORS. (MUC-NS-105)  
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- N-371  
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By C. M. Cooper.
- N-373\*  
(CN-S) THE EXISTENCE OF AN ACID INSOLUBLE FORM OF  $\text{BiPO}_4$  WITH  
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December 20, 1943.  
By W. Rubinson.

\* Limited.

- N-374  
(CC-AZ) DETERMINATION OF FLUORIDE BY TITRATION WITH THORIUM NITRATES. (MUC-GEB-424) ✓  
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- N-375  
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- N-376  
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By G. E. Kidd.
- N-377.  
(CT-C) ALUMINUM CAN MANUFACTURE.  
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By E. B. Haines.
- N-378\*  
(CS-P) POSSIBLE EFFECTS OF CHANGES IN PROGRAM ON W SEPARATION PROCEDURE. (MUC-CMC-152)  
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By C. M. Cooper.
- N-379  
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- N-380  
(CT-M) METALLOGRAPHIC EXAMINATION OF ALCLAD TUBING. (MUC-FF-25)  
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- N-381  
(CT-C) DETECTION OF FAULTY WELDS BY X RAYS. (MUC-EC-52)  
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By E. Creutz.
- N-382  
(CT-C) METALLOGRAPHIC EXAMINATION OF Zn DIPPED Al CANNED SLUG. (MUC-FF-30)  
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- N-383  
(CT-C) METALLOGRAPHIC EXAMINATION OF Al-Si BONDED SLUG. (MUC-FF-31)  
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- N-385\*  
(CS-I(G)) TECHNICAL DIVISION. PROGRESS REPORT FOR WEEK ENDING  
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- N-389  
(CT-C) STUDIES OF PRESSURE DROP AND FILM FORMATION.  
November 2, 1943.  
By C. P. Kidder.

\* Limited.

- N-391  
(CT-C)      FILM FORMATION IN CMX EQUIPMENT.  
November 10, 1943.  
By W. K. Woods.
- N-395  
(CA-M)      INFORMATION DEPARTMENT BULLETINS BEGINNING DECEMBER, 1943.  
By R. S. Mulliken.
- N-396  
(CH)      DISCUSSION ON THE EFFECTS OF OCCUPATIONAL EXPOSURE TO  
X-RAYS AND RADIOACTIVE SUBSTANCES. FROM PROC. ROYAL SOC.  
OF MED., VOL. 35, PP. 717-722 (1942)  
By J. R. Mittal, J. C. Mottram, S. Russ, and J. M. Vaughan.
- N-397\*  
(CN-S)      TESTING OF TITANIUM ZEOLITE SAMPLES. (MUC-GTS-366)  
December 27, 1943.  
By R. H. Beaton.
- N-399  
(CT-C)      CONFERENCE ON COATING PROGRAM. (MUC-JPH-173)  
December 29, 1943.  
By J. P. Howe.
- N-400  
(CT-C)      NOTES ON JACKET TESTING. (MUC-JPH-172)  
December 29, 1943.  
By J. P. Howe.
- N-401  
(CT-C)      EFFECT OF pH AND DEALRATION OF WATER ON CORROSION OF  
ALUMINUM AND IRON. (MUC-HWB and JPH-29)  
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By H. W. Bellas and J. P. Howe.
- N-402  
(CT-M)      CENTERLESS GRINDING OF TUBALLOY. (MUC-JMS-7)  
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By J. M. Simmons.
- N-403  
(CC-R)      SODIUM BOROHYDRIDE PROCEDURE FOR Ru AND SOLUBILITY AND  
FORMS OF  $\text{BiPO}_4$ . (MUC-NS-116)  
December 31, 1943.  
By N. Sugarman.
- N-405  
(CP-G)      TABLE OF DANGER COEFFICIENTS. (MUC-HHG-2)  
December 31, 1943.  
By H. H. Goldsmith.
- N-408  
(CE)      PREPARATION AND PROPERTIES OF SMOKE. (MUC-EWB-17)  
December 23, 1943.  
By E. W. Bruggmann.
- N-409\*  
(CS-I(G))      TECHNICAL DIVISION. PROGRESS REPORT FOR WEEK ENDING  
December 25, 1943.

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- N-412  
(CT-C) METALLOGRAPHIC EXAMINATION OF Zn-Sn BONDED SLUG. (MUC-FF-32)  
December 28, 1943.  
By F. Foote.
- N-413\*  
(CH) TUBALLOY DUST HAZARD. (MUC-HG-342)  
January 5, 1944.  
By J. J. Nickson.
- N-419  
(CT-C) HYDROGEN PEROXIDE AS A CORROSION INHIBITOR. (MUC-JPH-174)  
January 6, 1944.  
By J. P. Howe.
- N-421  
(CH) "REVIEW OF IRRADIATION EFFECT ON CELLS AND TISSUES OF THE  
SKIN." EDINBURGH MEDICAL JOURNAL, VOL. 49, PP. 529-552 (1942)  
By W. F. Harvey.
- N-422\*  
(CN-S) CHEMICAL WORK NEEDED ON BIPO<sub>4</sub> PROCESS PREPARATORY TO  
W OPERATION. (MUC-GTS-357)  
December 21, 1943.  
By G. T. Seaborg.
- N-423  
(CT-C) STATUS OF W COATING METHODS AS OF JANUARY 3, 1944.  
(MUC-ABG-45)  
By A. B. Greninger.
- N-426  
(CA-M) DISPOSITION OF ORIGINAL DRAWINGS OF P-9 SECTION. (MUC-HCV-515)  
December 31, 1943.  
By L. B. Thompson.
- N-430  
(CC-G) EXTRAPOLATION OF EQUATION FOR DENSITY OF HEX.  
October 7, 1943.  
By H. J. Hoge.
- N-435\*  
(CN-S) ADEQUATE TESTING OF W PROCESS AT X. (MUC-GTS-382)  
January 4, 1944.  
By G. T. Seaborg.
- N-437\*  
(CK-G) PURIFICATION OF PRODUCT. (MUC-GTS-352)  
December 20, 1943.  
By G. T. Seaborg, H. A. Potratz, and associates.
- N-438  
(CT-C) HYDROGEN PEROXIDE AS A CORROSION INHIBITOR. (MUC-HWB-34)  
January 8, 1944.  
By H. W. Bellat.
- N-439  
(CP-I) SATURATION VOLTAGES FOR BORON COATED NEUTRON CHAMBERS.  
(MUC-VCW-60)  
December 31, 1943.  
By B. L. Weller.

- N-449\* TECHNICAL DIVISION. PROGRESS REPORT FOR WEEK ENDING  
(CS-I(G)) January 1, 1944.
- N-450 TENTATIVE LISTS OF REPORTS DEALING WITH P-9.  
(CA-M) (MUC-HHF-21, MUC-HHF-22)  
January 12, 1944,  
By H. H. Fussler
- N-451\* SEPARATION PROCESSES ABSTRACT OF REPORTS.  
(CN-S) January 7, 1944.  
By J. B. Work.
- N-452 HEAT LIBERATED IN SHIM AND REGULATING RODS AT W. (MUC-AMW-28)  
(CP-G) January 6, 1944.  
By A. M. Weinberg.
- N-456 MANUFACTURE OF Al CANS.  
(CT-C) January 7, 1944.  
By G. A. Snell.
- N-457 PROPOSED ELECTROCHEMICAL CORROSION RESEARCH. (MUC-ABG-46)  
(CT-C) January 8, 1944.  
By A. B. Greninger.
- N-459 REVIEW OF THE LITERATURE ON THE EXPLOSIBILITY OF HEXA  
(CC-G) AND ITS LOWER HYDRATES.  
July 9, 1943.  
By A. Donnan.
- N-460 TESTS ON GENERATING VOLTMETER AND A. C. AMPLIFIER.  
(CP-I) January 12, 1944.  
By R. Grenchik, H. Palevsky, and V. C. Wilson.
- N-465 HEW. Project 9536. CMX-Bldg. 145. W WATER CORROSION  
(CT-C) TEST No. 21. FINAL REPORT.  
November 20, 1943.  
By C. P. Kidder.
- N-466 HEW. Project 9536. CMX-Bldg. 145. W WATER CORROSION TEST  
(CT-C) No. 41. FINAL REPORT.  
November 26, 1943.  
By C. P. Kidder.
- N-467 PROPOSED INVESTIGATION OF RADIATION EFFECTS ON STRUCTURAL  
(CP-G) MATERIALS USING W TEST HOLES. (MUC-FS-4)  
January 15, 1944.  
By G. Young and F. Seitz.

\* Limited.

- N-468\*  
(CS-P) THE ROLE OF THE BY-PRODUCTS.  
December 11, 1943.  
By C. D. Coryell.
- N-471  
(CC-G) EXPONENTIAL SLURRY PILE USING  $\text{TO}_2\text{F}_2$  SOLUTION. (MUC-CFH-38)  
January 12, 1944.  
By C. F. Hiskey.
- N-472  
(CC-R) FISSION CHAINS WITH GASEOUS ANCESTORS.  
January 4, 1944.  
By K. Way.
- N-473\*  
(CS-P) VISIT TO HEW JANUARY 6 - 7, 1944. (MUC-CMC-162)  
January 11, 1944.  
By C. M. Cooper.
- N-474\*  
(CS-I(C)) 93 REMOVAL STEP. (MUC-CMC-161)  
January 11, 1944.  
By C. M. Cooper.
- N-477  
(CP-G) EXPERIMENTAL PROGRAM FOR CYCLOTRON. (MUC-WWW-27)  
January 12, 1944.  
By W. W. Watson.
- N-479\*  
(CS-I(G)) TECHNICAL DIVISION. PROGRESS REPORT FOR WEEK ENDING  
January 8, 1944.
- N-480  
(CP-G) PROPOSAL FOR INCREASING JACKET THICKNESS ON CENTRAL  
SLUGS. (MUC-EFW-47)  
January 13, 1944.  
By E. P. Wigner and A. M. Weinberg.
- N-481  
(CP-I) TESTSON SCALER. (MUC-BLW-4)  
January 15, 1944.  
By B. L. Weller.
- N-483  
(CC-G) "DISTRIBUTION OF ISOTOPES OF HYDROGEN AND OXYGEN  
DURING THE FREEZING OF WATER." COMPTES RENDUS (DOKLADY)  
de l'ACADEMIE DES SCIENCES de l'URSS, VOL. 32, No. 3 (1941)  
By R. V. Teis and K. P. Florensky.
- N-484\*  
(CC-Pn) COMPLETE ISOTOPIC ANALYSIS OF SPECIAL WATER SAMPLES.  
June 15, 1943.  
By R. J. Voskuyl.

\* Limited.

- N-485  
(CH) RADIATION SURVEY OF GENERATOR. (MUC-HG-350)  
January 15, 1944.  
By L. A. Pardue.
- N-486  
(CH) RADIATION SURVEY. (MUC-HG-351)  
January 14, 1944.  
By L. A. Pardue.
- N-487  
(CT-C) EVALUATION OF Al-Si PROCESS, AND SUGGESTED FUTURE  
DEVELOPMENTS. (MUC-EBH-17)  
January 14, 1944.  
By E. B. Haines.
- N-488  
(CA-II) SOURCES OF INFORMATION IN TECHNICAL DIVISION.  
November 1, 1943.  
By T. A. Chilton.
- N-489  
(CT-C) MEASUREMENTS ON PAUL AND BEEKMAN CANS.  
January 19, 1944.  
By P. E. Collins.
- N-490  
(CN-S) STRIPPING OF ALUMINUM-SILICON BONDED JACKETS. (MUC-FF-39)  
January 15, 1944.  
By F. Foote.
- N-493  
(CP-I) SCALER TESTING REPORT No. 5.  
January 18, 1944.  
By E. H. Wakefield.
- N-494  
(CT-M) EXTRUSION OF T AND Al TUBES AND T-Ni ALLOY. (MUC-EG-57)  
January 11, 1944.  
By E. C. Creutz.
- N-499\*  
(CK-G) PURIFICATION AND METAL PRODUCTION PROGRAM. (MUC-GTS-391)  
January 13, 1944.  
By G. T. Seaborg.
- N-500\*  
(CC-Pn) ANALYSES OF P-9 SAMPLES SHIPPED IN CONTAINERS OF VARIOUS  
MATERIALS. (MUC-CFH-42)  
January 20, 1944.  
By C. F. Hiskey.
- N-501  
(CP-I) THE BROWN SELF-BALANCING POTENTIOMETER AS MODIFIED FOR  
THE SMSD.  
May 21, 1943.  
By L. H. Rumbaugh.

\* Limited.

- N-502  
(CP-G) USE OF GRAPHITE SOAKED IN P-9 AS A MODERATOR. (MUC-RRW-2)  
December 29, 1943.  
By R. R. Williamson.
- N-503\*  
(CK-G) RESEARCH PROGRAM. (MUC-GTS-408)  
January 19, 1944.  
By W. M. Manning.
- N-504  
(CP-I) THE BROWN SELF-BALANCING POTENTIOMETER AND ITS  
OPERATING CHARACTERISTICS.  
August 11, 1942.  
By L. H. Rumbaugh.
- N-505  
(CC-G) LIST OF REPORTS OF POSSIBLE INTEREST TO MP.
- N-506  
(CP-I) B<sub>2</sub>C COATINGS. (MUC-WPJ-9)  
December 11, 1943.  
By J. W. Broxon.
- N-507\*  
(CS-I(G)) TECHNICAL DIVISION. PROGRESS REPORT FOR WEEK ENDING  
January 15, 1944.
- N-508  
(CC-R) NOTE ON PREPARING CONCENTRATED BY-PRODUCTS USING  
CYCLOTRON BOMBARDMENT.  
January 22, 1944.  
By A. Turkevich.
- N-509  
(CH) SCIENCE--SAFETY MEETING.  
January 3, 1944.  
By C. D. Coryell.
- N-510  
(CT-C) STUDIES TO BE UNDERTAKEN IN CONNECTION WITH FILM  
FORMATION IN CMX CORROSION EXPERIMENTS. (MUC-JPH-178)  
January 22, 1944.  
By J. P. Howe.
- N-511  
(CC-G) PURITY OF TUBALLOY AS A FUNCTION OF THE COMPOSITION OF  
THE ORE FROM WHICH IT IS EXTRACTED. (MUC-SKA-386)  
December 20, 1943.  
By S. K. Allison.
- N-512  
(CT-C) HYDROGEN PEROXIDE AS A CORROSION INHIBITOR. (MUC-EFW-49)  
January 20, 1944.  
By E. P. Wigner.

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- N-513  
(CT-C) PROPOSED EXPERIMENTS ON EFFECTS OF RADIATION ON  
CONDUCTIVITY OF WATER AND CORROSION. (MUC-EPW-50)  
January 22, 1944.  
By E. P. Wigner.
- N-516  
(CC-G) TUBALLOY TRIFLUORIDE.  
January 15, 1944.  
By I. B. Johns and J. C. Warf.
- N-519  
(CC-G) DETERMINATION OF SURFACE AREA OF BISMUTH PHOSPHATE BY  
DYE ADSORPTION. (MUC-GEB-470)  
January 24, 1944.  
By L. W. Sofranski.
- N-520  
(CT-C) DATA ON TRANE CANS.  
January 24, 1944.  
By P. E. Collins.
- N-522  
(CE) BLUEPRINTS OF DOUBLE LOBE CYCLOIDAL BLOWER. (MUC-HCV-545)  
January 19, 1944.  
By H. C. Vernon.
- N-523\*  
(CS-I(C)) MONTHLY REPORT ON THE ACTIVITIES OF THE CHEMICAL  
DIVISION. (MUC-TRH-34)  
January 18, 1944.  
By T. R. Hogness, J. Franck, and associates.
- N-525  
(CP-I) LIST OF COMMONLY OCCURRING TROUBLES IN  
SCALING CIRCUITS.  
January 25, 1944.  
By B. Schloss.
- N-526  
(CT-M) CENTERLESS GRINDING AND EXPERIMENTAL WORK ON DRAWING  
AND ROLLING OF T. (MUC-JMS-8)  
January 26, 1944.  
By J. M. Simmons.
- N-528  
(CC-G) INFORMATION ON ANHYDROUS HF.  
January 19, 1944.  
By R. E. Heath.
- N-529  
(CC-Pn) PROCEDURE FOR FILLING AND HANDLING SPECIAL CONTAINERS  
FOR PRODUCT P-9 TEST PURPOSES. (MUC-HCV-551, MUC-HCV-565)  
January 31, 1944, and January 25, 1944.  
By H. C. Vernon [?]
- N-530\*  
(CN) CHEMISTRY DIVISION - WEEKLY REPORTS FOR OCTOBER 17 -  
DECEMBER 17, 1943.  
By W. C. Johnson and associates.

\* Limited.

- N-531\*  
(CN-S) CHEMICAL RESEARCH PROGRAM AT SITE X.  
October 29, 1943.  
By W. C. Johnson.
- N-535\*  
(CS-I(C)) TNX TECHNICAL SECTION. PROGRESS REPORT FOR WEEK OF  
January 11 to January 17, 1944.  
By W. E. Kirst.
- N-536\*  
(CS-I(C)) TNX TECHNICAL SECTION. PROGRESS REPORT FOR WEEK OF  
January 18 to January 24, 1944.  
By W. E. Kirst.
- N-537\*  
(CS-I(C)) TNX TECHNICAL SECTION. PROGRESS REPORT FOR WEEK OF  
January 25 to January 31, 1944.  
By W. E. Kirst.
- N-538\*  
(CS-I(C)) TNX TECHNICAL SECTION. PROGRESS REPORT FOR WEEK OF  
February 1 to February 7, 1944.  
By W. E. Kirst.
- N-540  
(CT-C) NECESSITY OF CONTINUING RADIATION-CORROSION WORK.  
(MUC-MB-172)  
January 25, 1944.  
By N. Goldowski and A. O. Allen.
- N-544  
(CC-R) ACTIVITY OF IRRADIATED BISMUTH. (MUC-SKA-144)  
January 26, 1944.  
By S. K. Allison.
- N-545  
(CP-G) POSSIBLE DISRUPTIVE EFFECTS OF  $K_2$  FORMED IN SLUG  
METAL. (MUC-FS-5)  
January 27, 1944.  
By F. Seitz.
- N-546\*  
(CE) NOTES ON CONFERENCE JANUARY 8, 1944. (MUC-LAO-8)  
By [L. A. Ohlinger].
- N-548  
(CT-C) COMMENTS ON PROPOSED STUDIES ON RADIATION CORROSION.  
(MUC-MB-171)  
January 25, 1944.  
By M. Burton.
- N-549  
(CC-Rn) CHEMICAL USE OF RADIANT ENERGY. (MUC-MB-175)  
January 25, 1944.  
By M. Burton.

\* Limited.

- N-551  
(CA-M) LIST OF SYMBOLS AND NOMENCLATURE OF CHEMICAL  
ENGINEERING.  
January 27, 1944.  
By J. O. Maloney.
- N-559  
(CT-C) HEW. Project 9536. CMS-Bldg. 145. FINAL REPORT ON  
WATER CORROSION TEST No. 11.  
January 6, 1944.  
By C. P. Kidder.
- N-563  
(CT-C) CONDITIONS WHICH COATING MUST SURVIVE IN OPERATION,  
AND STABILITY OF VARIOUS METHODS OF END INSULATION. (MUC-TDGE-103)  
January 29, 1944.  
By R. H. Jebens.
- N-564\*  
(CS-I(G)) TECHNICAL DIVISION. PROGRESS REPORT FOR WEEK ENDING  
January 22, 1944.
- N-565  
(CE) CHARACTERISTIC CURVES FOR #3 FAN AT X.  
January 27, 1944.  
By M. C. Leverett.
- N-567\*  
(CP) PHYSICS DIVISION. WEEKLY REPORTS FOR  
October 23 - December 19, 1943; January 2 - January 29, 1944.  
By H. W. Newson and associates.
- N-569\*  
(CE) ENGINEERING DEVELOPMENT SECTION. WEEKLY REPORTS FOR  
October 17, 1943 - January 29, 1944.  
By M. C. Leverett and associates.
- N-571\*  
(CS-I(G)) TECHNICAL DIVISION. PROGRESS REPORT FOR WEEK ENDING  
January 29, 1944.
- N-575\*  
(CS-I(G)) W IMPLICATIONS IN X RESEARCH PROGRAM.  
December 18, 1943.  
By W. E. Kirst.
- N-577  
(CP-I) GEIGER COUNTER AND TYPE A CIRCUIT.  
January 5, 1944.  
By W. T. E. Elmendorf.
- N-581  
(CP-I) CIRCUITS FOR CONVERSION OF D. C. TO A. C.  
February 2, 1944.  
By V. C. Wilson.

\* Limited.

- N-582 (CP-G) POWER OUTPUT AND FLATTENING AT W. (MUC-AMW-31)  
February 2, 1944.  
By A. M. Weinberg and R. R. Williamson.
- N-584 (CC-R) CHEMICAL VS. RADIOCHEMICAL YIELDS IN CERIUM DETERMINATION.  
January 28, 1944.  
By R. R. Edwards.
- N-586 (CT-C) EFFECT OF THERMAL CYCLING ON HEAT TRANSFER PROPERTIES OF  
Al-Si BOND. (MUC-KTP-20)  
January 22, 1944.  
By K. Perkins.
- N-587 (CC-G) RATIO OF THE TUBALLOY ISOTOPES IN PITCHBLEND E ORES FROM  
VARIOUS DEPOSITS. (MUC-SKA-471)  
February 7, 1944.  
By S. K. Allison.
- N-590 (CP-G) PRODUCTION OF  $\text{Na}^{24}$  IN THE PILE.  
January 20, 1944.  
By H. W. Newson.
- N-592\* (CN) ANALYTICAL DIVISION PROCESS CONTROL.  
Weekly reports for January 22 and 29, 1944.  
By D. M. Smith and associates.
- N-593\* (CN) SEPARATIONS DEVELOPMENT DIVISION.  
Progress reports for October 16, 1943 - January 29, 1944.  
By O. H. Greager and associates.
- N-595\* (CN) BY-PRODUCT  $\text{LaF}_3$  PRECIPITATION IN CELL 4 - 205 BUILDING.  
January 7, 1944.  
By W. Q. Smith.
- N-596 (CP) BEHAVIOR OF THE FISSION RECOIL APPARATUS. (PROBLEM 244-X1B)  
January 20, 1944.  
By J. H. Curtis.
- N-597\* (CN) CONCENTRATION PROCEDURES USING HCl.  
December 16, 1943.  
By W. Q. Smith.
- N-598\* (CS-I(G)) TECHNICAL DIVISION. PROGRESS REPORT FOR WEEK ENDING  
February 4, 1944.

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- N-599\*  
(CN-S) BIPO<sub>4</sub> PROCESS CONFERENCE.  
May 17, 1943.  
By W. Q. Smith.
- N-601  
(CP-G) POSSIBLE WARPING OF SLUGS AS A RESULT OF TEMPERATURE  
DIFFERENCES. (MUC-GY-4)  
February 8, 1944.  
By G. Young.
- N-602  
(CT-C) PROCESS FOR MANUFACTURE OF 35 MIL ALUMINUM CANS.  
February 5, 1944.  
By G. A. Snell.
- N-605\*  
(CS-I(C)) DISCLOSURES MADE TO THE CHEMICAL SECTION OF THE NRCCL  
RESEARCH TEAM, JANUARY 8-10, 1944. (MUC-CFH-46)  
February 4, 1944.  
By C. F. Hiskey.
- N-606  
(CP-G) SUGGESTED EXPERIMENTS ON PHOTOFISSION. (MUC-EPW-55)  
February 5, 1944.  
By S. Dancoff and E. P. Wigner.
- N-609  
(CP-G) THE COMPUTATION OF RADIATION HAZARDS.  
January 11, 1944.  
By C. W. J. Wende.
- N-610  
(CC-R) A MANUAL ON THE MEASUREMENT OF RADIOACTIVITY.  
January, 1944.  
By A. H. Jaffey, T. P. Kohman, and J. A. Crawford.
- N-612  
(CP-I) TRIP TO VICTOREEN INSTRUMENT COMPANY FEBRUARY 8, 1944.  
(MUC-WWW-39)  
February 10, 1944.  
By W. W. Watson.
- N-615\*  
(CS-I(C)) REMOVAL OF HYDROGEN EVOLVED IN COATING SOLUTION.  
PRODUCT PURIFICATION BY ETHER EXTRACTION. (MUC-SKA-478)  
February 10, 1944.  
By S. K. Allison.
- N-617\*  
(CS-I(P)) PRODUCTION OF PRODUCT WITH TELLURINE IN A PILE.  
February 1, 1944.  
By K. Way.
- N-622  
(CC-An) PROGRESS ON MASS SPECTROGRAPHIC WORK. (MUC-SKA-463)  
February 4, 1944.  
By S. K. Allison.

\* Limited.

- N-625  
(CC-Rn) RADIATION EXPOSURE TESTS ON ASPHALT IMPREGNATED  
COTTON FABRIC. (MUC-MB-178)  
February 7, 1944.  
By M. Burton.
- N-626  
(CT-M) TRIP TO WOLVERINE TUBE DIVISION FEBRUARY 7, 1944. (MUC-EC-63)  
February 9, 1944.  
By E. C. Creutz.
- N-627  
(CT-C) COMMENTS ON INCREASING SLUG LENGTH, DOUBLE WELDING,  
AND END CAPS. (MUC-EPW-56)  
February 8, 1944.  
By J. P. Howe and G. Young.
- N-628\*  
(CN-S) CORROSION WITH THE BISMUTH PHOSPHATE METHOD. (MUC-GTS-90)  
April 26, 1943.  
By J. L. Dreher.
- N-630\*  
(CS-I(C)) THE X PROBLEM ASSIGNMENT BOOK, W INTEREST.  
February 9, 1944.
- N-631\*  
(CN-S) CORROSION OF 18-8 AND 25-12 STAINLESS STEELS DURING ONE  
Na<sub>2</sub>O<sub>2</sub>/As<sub>2</sub> DECONTAMINATION CYCLE. (CL-GEB-21)  
January 24, 1944.  
By J. A. Swartout.
- N-632  
(CP-G) THE  $\gamma$  RADIATION AT THE ENDS OF THE RODS IN THE W PILE.  
(MUC-KW-1)  
February 14, 1944.  
By K. Way.
- N-633  
(CT-C) INSULATION OF SLUG ENDS. (MUC-TDGE-117)  
February 14, 1944.  
By R. H. Jebens.
- N-634  
(CT-C) INVESTIGATION OF POSSIBLE INTERFERENCE IN LEAK TESTING  
OF X SLUGS DUE TO WEIGHT CHANGES OF ALUMINUM. (MUC-JF-23)  
February 10, 1944.  
By J. Fentress.
- N-635  
(CT-C) INTERACTION BETWEEN A1 AND T SURFACES IN CONTACT. (MUC-JPH-188)  
February 12, 1944.  
By J. P. Howe.

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- N-636  
(CC-G) FREEZING POINTS AND HEATS OF DILUTION OF FORMIC ACID SOLUTIONS.  
January 15, 1944.  
By R. S. Apple.
- N-639  
(CC-R) COOLING TIME FOR METAL FROM 105 BUILDING.  
January 27, 1944.  
By W. Q. Smith.
- N-640\*  
(CN-S) EVOLUTION OF GAS FROM WET PRODUCT SALTS.  
January 26, 1944.  
By H. M. Parker.
- N-641  
(CT-C) STATUS OF THE Al-Si PROCESS. (MUC-KGJ-21)  
February 10, 1944.  
By K. G. Jones.
- N-645\*  
(CC-Rn) RADIATION CHEMISTRY PROGRAM AT X. (MUC-MB-180)  
February 14, 1944.  
By M. Burton.
- N-649  
(CP-G) MAXIMUM COUNTING RATE AS A FUNCTION OF THE FLOW RATE IN THE WATER ACTIVATION EXPERIMENTS.  
January 24, 1944.  
By F. L. Friedman.
- N-650\*  
(CE) VENTURI AND PITOT CALIBRATION IN 105 BUILDING AT X.  
January 1, 1944.  
By M. C. Leverett.
- N-653  
(CT-M) EXTRUSION OF HOLLOW T TUBING FOR CORROSION EXPERIMENTS.  
(MUC-TDGE-112, MUC-EC-64)  
February 11 and 18, 1944.  
By J. B. Teps and E. Crestz.
- N-655  
(CC-R) PROBABLE YIELDS AND PROCESSES FOR THE PRODUCTION OF RADIOACTIVE TRACERS. (MUC-FLF-1)  
February 11, 1944.  
By F. L. Friedman.
- N-656  
(CP-G) NEUTRON DISTRIBUTION IN A CONTROL ROD SLOT IN CP-2 AT ARGONNE.  
By L. Seren, W. Sturm, and W. Moyer.
- N-657  
(CE) DESIGN PROCEDURE FOR USING TEST HOLES AT W. (MUC-SKA-476)  
February 9, 1944.  
By S. K. Allison.

\* Limited.

- N-660  
(CT-C) ELASTIC LIMIT OF 2S-Al CANS.  
February 8, 1944.  
By P. E. Collins.
- N-661  
(CC-R) 27 PRODUCTION AT ST. LOUIS VS. X PILE. (MUC-GTS-446)  
February 11, 1944.  
By A. H. Jaffey and A. Turkovich.
- N-662  
(CP-G) TOTAL DANGER FOR IMPURITIES IN TUBANYL FLUORIDE AND T  
METAL, AND ABSORPTION CROSS SECTIONS OF VARIOUS IMPURITIES.  
(MUC-HCU-2)  
February 12, 1944.  
By H. C. Uchiyama.
- N-663  
(CH) REPORT OF COMMITTEE OF THE ML ON FIRE AND EXPLOSION  
HAZARDS. (MUC-LAK-91)  
February 7, 1944.  
By H. C. Vernon, L. A. Kimpton, and T. E. Hall.
- N-665\*  
(CS-I(P)) YIELD OF X PILE WITH VARIOUS LOADINGS.  
February 12, 1944.  
By J. A. Wheeler.
- N-666\*  
(CS-I(C)) MONTHLY REPORT ON THE ACTIVITIES OF THE CHEMICAL  
DIVISION. (MUC-TRH-47)  
February 15, 1944.  
By T. R. Hogness and J. Franck and associates.
- N-670  
(CP-I) WORK ON MICRO-MICRO AMMETERS, CABLES AND CONNECTORS,  
AND RESISTORS.  
February 14, 1944.  
By E. L. Weller.
- N-673  
(CC-G) PREPARATION AND PACKAGING OF TUBANYL FLUORIDE. (MUC-CFH-50)  
February 17, 1944.  
By C. F. Hiskey.
- N-674  
(CP-I) CHECKING PROCEDURE AND STANDARDS FOR SCALERS.  
February 15, 1944.  
By V. C. Wilson.
- N-678  
(CC-An) MICROMETHOD FOR DETERMINATION OF TOTAL HYDROGEN IN  
ANHYDROUS TUBANYL FLUORIDE. (MUC-CFH-52, MUC-CFH-53) ✓  
February 17, 1944.  
By C. F. Hiskey.

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- N-679  
(CC-An) MINIMUM CONCENTRATION OF "F-113" AND C-715-L DETECTABLE  
IN AIR BY MEANS OF THE HALIDE LAMP.  
December 18, 1943.  
By H. M. Farnslee.
- N-681  
(CP-G) LIGHT SCATTERING BY FOG. (MUC-EPW-57)  
February 17, 1944.  
By E. P. Wigner.
- N-683  
(CC-R) ENERGY PER FISSION IN EGGS IRRADIATED AT ARGONNE.  
(MUC-NS-133)  
February 19, 1944.  
By N. Sugarman.
- N-684\*  
(CN-S) RECOMMENDED CHANGE IN EXTRACTION STRIKE PROCEDURE.  
January 14, 1944.  
By M. F. Acken.
- N-685  
(CC-R) THE ISOLATION OF INDIVIDUAL BY-PRODUCTS (MILLICURIE TRACERS).  
February 16, 1944.  
By D. N. Hume and C. D. Coryell.
- N-686  
(CP-I) BEHAVIOR AND CALIBRATION OF THE LAURITSEN ELECTROSCOPE IN  
THE PRESENCE OF VARIOUS INTENSITIES OF GAMMA RADIATION.  
January 17, 1944.  
By K. Z. Morgan.
- N-687  
(CP-I) CHAMBERS FOR COUNTING  $\alpha$  PARTICLES: NITROGEN FILLED  
CHAMBERS.  
February 17, 1944.  
By L. F. Curtiss.
- N-688  
(CP-I) METHOD OF MONITORING THE FILLING PROCEDURE FOR VAPOR  
TYPE GEIGER-MÜLLER COUNTERS.  
February 16, 1944.  
By L. F. Curtiss.
- N-689  
(CT-C) Zn-Sn BONDING PROCESS FOR W SLUGS. (MUC-EBH-23)  
February 14, 1944.  
By E. B. Haines.
- N-691  
(CP-I) A HIGH SPEED SYNCHRONIZED IMPULSE GENERATOR.  
February 16, 1944.  
By W. H. Bradley.
- N-692  
(CP-G) OUTLINE REPORT ON NUCLEAR FISSION REISSUE OF REPORT  
WRITTEN IN 1940. (MUC-VCW-61)  
February 23, 1944.  
By V. C. Wilson.

- N-693  
(CC-An) MEMORANDUM ON LIGHT ELEMENT IMPURITIES--MASS SPECTROGRAPH ANALYSIS. (MUC-AJD-9)  
February 23, 1944.  
By A. J. Dempster.
- N-695  
(CC-G) SURFACE AND INTERFACIAL TENSIONS FOR AQUEOUS AND ETHER SOLUTIONS OF TN. (MUC-TDGE-130)  
February 20, 1944.  
By J. B. Teps.
- N-697  
(CT-C) OUT OF ROUNDNESS OF Al-Si BONDED SLUGS. (MUC-PEC-5)  
February 23, 1944.  
By P. E. Collins.
- N-700  
(CE) RECOMMENDATIONS FOR INCREASING THE WATER SUPPLY AT W. (MUC-AMW-33, MUC-AMW-38)  
February 24 and May 9, 1944.  
By A. M. Weinberg.
- N-702  
(CT) FAILURE OF SLUGS WITH PERFORATED JACKETS. (MUC-HWB-37)  
February 24, 1944.  
By H. W. Bellas.
- N-703  
(CH) ISODOSAGE CURVES ABOUT AN ALUMINUM COATED TUBALLOY SLUG.  
February 8, 1944.  
By K. Z. Morgan.
- N-706  
(CT-C) OUT OF ROUNDNESS OF Al-Si BONDED SLUGS. (MUC-PEC-6)  
February 25, 1944.  
By P. E. Collins.
- N-709\*  
(CS-I(G)) TECHNICAL DIVISION. PROGRESS REPORT FOR WEEK ENDING  
February 22, 1944.
- N-710  
(CC-An) SPECTROCHEMICAL METHOD OF ANALYSIS OF T.  
February 18, 1944.  
By L. T. Steadman.
- N-711\*  
(CM-S) PROCESS CHANGES TO DATE IN SEPARATIONS PLANT AND REVISIONS TO OPERATING PROCEDURE--205 BUILDING.  
February 15, 1944.  
By W. Q. Smith.
- N-712\*  
(CS-I(C)) DISTRIBUTION OF MANPOWER IN THE CHEMISTRY DIVISION AT X.  
Report for periods of January 15 to February 15 and February 15 to March 15, 1944.  
By W. C. Johnson.
- N-713\*  
(CP-G) SELECTION OF NEW LOADING FOR X PILE.  
February 23, 1944.  
By M. C. Leverett.

- N-714  
(CH) USE OF 205 STACK FOR SMOKE EXPERIMENTS.  
February 12, 1944.  
By M. C. Leverett.
- N-715\*  
(CN-G) SEARCH FOR PRODUCT BY SZILARD-CHALMERS EXPERIMENT  
AT X. (MUC-GTS-490)  
February 28, 1944.  
By G. T. Seaborg.
- N-716  
(CP-G) BLACKING OUT OF WATER-FILLED PERISCOPE IN DISCHARGE  
AREA AT X BECAUSE OF RADIATION EFFECTS ON OPTICAL  
PARTS. (MUC-GSM-58)  
February 26, 1944.  
By G. S. Monk.
- N-718  
(CG-R) SOME MEASUREMENTS ON SHORT-LIVED ACTIVITIES IN PILE-  
BOMBARDED WATER.  
February 24, 1944.  
By T. B. Novey and J. D. Knight.
- N-722  
(CT-C) SUGGESTED METHOD OF CANNING EMPLOYING Al-Si  
GLOSURE. (MUC-CMC-172)  
February 29, 1944.  
By C. M. Cooper.
- N-725  
(CP-I) SITUATION RELATIVE TO POCKET CHAMBERS. (MUC-HG-394)  
February 28, 1944.  
By L. A. Pardue and E. O. Wollan.
- N-726\*  
(CN-H) TUBALLOY AND PRODUCT HAZARDS. (MUC-SKA-516)  
March 1, 1944.  
By S. K. Allison.
- N-727  
(CP-G) RADIOACTIVITY OF WALLS OF CONTROL ROD ROOM AT W.  
(MUC-KW-4)  
February 29, 1944.  
By K. Way.
- N-728  
(CP-I) RELATIVE EFFICIENCIES OF BORON COATINGS DEPOSITED IN  
VARIOUS WAYS FOR NEUTRON DETECTION. (MUC-WPJ-14)  
March 2, 1944.  
By J. W. Bronson.
- N-729  
(CP-G) LONG-RANGE  $\alpha$ -EMISSION AFTER NEUTRON CAPTURE. (MUC-PM-25)  
March 3, 1944.  
By P. Morrison.

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- N-730  
(CP-G) TEMPERATURE OF SLEEVE HOLDING SAFETY RODS. (MUC-AC-1)  
March 3, 1944.  
By A. Cahn.
- N-731  
(CT-M) TOOL FOR SPLITTING SWOLLEN AL TUBES IN W PILE. (MUC-LAO-13)  
March 3, 1944.  
By L. A. Ohlinger.
- N-733\*  
(CS-I(C)) WORK SHEETS FOR CHEMICAL PLANT.  
February 28, 1944.
- N-734  
(CT-C) COMMENTS ON SLUG WELDING MACHINE.  
March 3, 1944.  
By D. H. Gurinsky.
- N-735\*  
(CS-I(G)) TECHNICAL DIVISION. PROGRESS REPORT FOR WEEK ENDING  
February 26, 1944.
- N-736  
(CP-G) THE VIEWING TANKS WITH LUCITE LENSES.  
March 1, 1944.  
By H. A. Lévy.
- N-739\*  
(CS-I(G)) TNX TECHNICAL SECTION. PROGRESS REPORT FOR WEEK OF  
February 15-21, 1944.  
By W. E. Kirst.
- N-740  
(CC-G) PROCUREMENT OF LABORATORY QUANTITIES OF HIGHLY PURIFIED  
REAGENTS AND RARE CHEMICALS. (MUC-NH-629)  
March 1, 1944.  
By N. Hilberry.
- N-741  
(CP-G) SELECTION OF A REPRESENTATIVE PATTERN OF SLUGS FOR  
OBTAINING PILE AVERAGES.  
February 17, 1944.  
By L. W. Nordheim.
- N-742\*  
(CK-An) RE-ASSAY OF PRODUCT AND PURITY SPECIFICATIONS. (MUC-REC-14)  
March 6, 1944.  
By P. L. Kirk.
- N-743  
(CT-M) ALPHA EXTRUSION OF T. (MUC-JMS-9)  
March 4, 1944.  
By J. M. Simmons.
- N-744  
(CT-M) COLD DRAWING OF T RODS. (MUC-JMS-10)  
March 6, 1944.  
By J. M. Simmons.

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- N-745  
(CT-C) WELD SOUNDNESS TEST EVALUATION. (MUC-PEC-26)  
March 4, 1944.  
By P. E. Collins.
- N-749  
(CP-I) BORON COATINGS FOR CHAMBERS. (MUC-VCW-62)  
March 7, 1944.  
By V. C. Wilson.
- N-750\*  
(CN-S) CHEMICAL SEPARATION AT HIGH RADIATION LEVELS. SLUGS  
FROM THE X PILE AS A SOURCE OF RADIATION.  
(MUC-SMD-1, MUC-MB-184)  
March 6, 1944.  
By S. M. Danceff, M. Burton, and C. V. Cannon.
- N-753  
(CE) MEASUREMENTS OF 105 STACK DRAFT.  
March 6, 1944.  
By A. F. Rupp.
- N-754\*  
(CN-S) WORK OF THE PAST MONTH ON SEPARATIONS PROCESSES.  
(MUC-GTS-514)  
March 8, 1944.  
By G. T. Seaborg.
- N-756  
(CC-G) CORRECTIONS AND ADDITIONS TO CALIFORNIA SEABORG CHART  
OF STABLE AND RADIOACTIVE ELEMENTS. (MUC-NS-89)  
September 23, 1943.  
By A. Turkevich and W. Rubinson.
- N-758\*  
(CS-I(G)) TECHNICAL DIVISION. PROGRESS REPORT FOR WEEK ENDING  
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- N-759  
(CP-G) CONTROL OF W PILE.  
February 18, 1944.  
By D. F. Babcock.
- N-760  
(CP-G) CONSIDERATION OF WHETHER OPERATION WILL IMPROVE  
GRAPHITE.  
February 9, 1944.  
By J. A. Wheeler.
- N-764  
(CP-G) DISTRIBUTION OF ACTIVITY ACROSS X PILE.  
February 22, 1944.  
By K. Z. Morgan.
- N-765  
(CP-G) CONTROL CIRCUITS OF X PILE.  
February 24, 1944.  
By L. K. Wyatt.

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- N-767\*  
(CN-S) REDUCTION BY OXALIC ACID IN THE CROSS-OVER CYCLE.  
February 24, 1944.  
By I. Perlman.
- N-768\*  
(CN-S) REDUCTION OF PRODUCT BY  $H_2C_2O_4$  IN THE CROSS-OVER AND  
CONCENTRATION CYCLE.  
December 17, 1943.  
By I. Perlman.
- N-769\*  
(CN-An) IONIZATION CHAMBERS IN PROCESS CONTROL.  
February 24, 1944.  
By B. C. Nylon.
- N-775  
(CT-M) EXTRUSION OF T TUBING AT WOLVERINE TUBE DIVISION.  
(MUC-EC-66)  
March 10, 1944.  
By E. Crutz.
- N-778  
(CA-M) CODE NAMES FOR CHEMICAL SYMBOLS.  
March 9, 1944.  
By C. D. Coryell.
- N-779  
(CE) LOCATION OF METAL-FILLED PORTION OF PILE IN GRAPHITE  
STRUCTURE.  
March 9, 1945.  
By M. C. Leverett.
- N-781  
(CC-G) PREPARATION AND PROPERTIES OF BLACK  $Tf_4$ . (MUC-MB-105B)  
March 10, 1944.  
By R. Livingston.
- N-783  
This report is composed of a group of memoranda, letters,  
and reports dealing with SLUG ETCHING AND CHROMIUM PLATING  
FROM MARCH 4, 1944, TO JUNE 23, 1944.
- N-784  
(CP-I) TEST RESULTS ON THE ALPHA AMPLIFIER--MODEL 1A.  
ENGINEERING GROUP REPORT #SC 50217.  
March 13, 1944.  
By E. Wakefield.
- N-785  
(CP-I) TUNING PROCEDURE FOR MODIFIED SCALERS. ENGINEERING GROUP  
REPORT # SC 50216.  
March 6, 1944.  
By E. Wakefield.

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- N-786\*  
(CN-S) SEPARATION AND RECOVERY OF PRODUCT-CONCENTRATION.  
(MUC-WQS-75)  
By W. Q. Smith.
- N-787\*  
(CN-S) SEPARATION AND RECOVERY OF PRODUCT, W,  $\text{BiPO}_4$  PROCESS,  
WASTE DISPOSAL; AND HEAT LIBERATION AND ACTIVITY OF  
THE EXTRACTION AND DECONTAMINATION WASTES AT W.  
(MUC-WQS-80, MUC-WQS-89)  
August 26, 1943, and August 7, 1943.  
By W. Q. Smith and J. A. Lane.
- N-788\*  
(CN-S) SEPARATION AND RECOVERY OF PRODUCT, W,  $\text{BiPO}_4$  PROCESS,  
EXTRACTION. (MUC-WQS-94)  
August 27, 1943.  
By W. Q. Smith.
- N-789\*  
(CN-S) SEPARATION AND RECOVERY OF PRODUCT, W,  $\text{BiPO}_4$  PROCESS,  
DECONTAMINATION. (MUC-WQS-95)  
August 26, 1943.  
By W. Q. Smith.
- N-790\*  
(CN-S) BISMUTH PHOSPHATE PROCESS FLOWSHEETS. (MUC-WQS-93)  
August 12, 1943.  
By W. Q. Smith.
- N-791\*  
(CN-S) W FISSION MIXTURE FOR LABORATORY USE.  
February 16, 1944.  
By R. S. Apple and C. M. Olson.
- N-796\*  
(CS-I(G)) TNA TECHNICAL SECTION. PROGRESS REPORT FOR WEEK OF  
February 22 to 28, 1944.  
By W. E. Kirst.
- N-797  
This report is composed of a group of memoranda, letters,  
and reports dealing with ELECTROCHEMICAL CORROSION  
RESEARCH FOR WEEK ENDING FEBRUARY 5, 1944, AND WEEKS  
ENDING MARCH 11 to MAY 16, 1944.
- N-798  
(CT-M) VISIT TO E.M.I. MARCH 7, 1944. (MUC-JPH-202)  
March 11, 1944.  
By J. P. Howe.

\* Limited.

- N-801  
(CP-G)           ACTIVITY IN X WATER TUBE. (MUC-WPJ-13)  
February 29, 1944, and May 27, 1944.  
By W. P. Jesse, W. D. Spatz, and T. B. Novey.
- N-802  
(CP-I)           ZERO SET ON BECKMAN INSTRUMENTS.  
March 15, 1942.  
By B. L. Weller.
- N-803  
(CT-C)           HYDRATED LIME FOR W WATER TREATMENT. (MUC-CMC-177)  
March 16, 1944.  
By C. M. Cooper.
- N-804  
(CT-M)           SOLUBILITY OF CARBON AND CARBIDE IN GAMMA TUBALLOY. (MUC-JC-85)  
March 16, 1944.  
By J. Chipman.
- N-805  
(CT-M)           POSSIBILITY OF PREPARING T-Mg AND T-Na ALLOYS. (MUC-JC-86)  
March 16, 1944.  
By J. Chipman.
- N-806  
(CP-I)           CALIBRATION OF QUARTZ FIBER ELECTROSCOPE FOR BETA RAYS.  
March 2, 1944.  
By W. H. Ray.
- N-807\*  
(CP-G)           DETERMINATION OF PRODUCT-POWER RATIO.  
February 16, 1944.  
By L. K. Wyatt.
- N-808\*  
(CK-An)          WORK ON METHODS OF DETERMINING PURITY OF W PRODUCT.  
(MUC-GTS-527)  
March 15, 1944.  
By J. E. Willard.
- N-809\*  
(CK-G)           ASSAY, STORAGE, AND SHIPMENT OF W PRODUCT. (MUC-GTS-523)  
March 13, 1944.  
By J. E. Willard.
- N-811\*  
(CS-I(G))        TNX TECHNICAL SECTION. PROGRESS REPORT FOR WEEKS OF  
February 20 to March 6, 1944.  
By W. E. Kirst.
- N-812  
(CP-I)           TECHNIQUE FOR FILLING GEIGER COUNTERS. (MUC-WPJ-14-1)  
March 14, 1944.  
By H. Bryant and M. Burke.

\* Limited.

- N-813 PROPOSED PROGRAM FOR CHANGE OF PILE LOADING.  
(CE) March 13, 1944.  
By J. P. Sinclair.
- N-821 CONFERENCE ON COATING PROBLEMS. (MUC-GTS-535)  
(CT-C) March 17, 1944.  
By J. L. Dreher and G. W. Bird.
- N-825 DANGER OF SLUG WARPING IN W PILE, AND POSSIBLE EFFECTS  
(CT-M) OF EXTRUSION TECHNIQUE. (MUC-EC-67)  
(no date)  
By E. Creutz.
- N-826\* TECHNICAL DIVISION. PROGRESS REPORT FOR WEEK ENDING  
(CS-I(G)) March 11, 1944.
- N-829 EFFECTIVENESS OF POISONING SLUGS.  
(CE) March 17, 1944.  
By M. C. Leverett.
- N-832 PRODUCTION OF BY-PRODUCTS BY NEUTRON BOMBARDMENT IN THE  
(CC-R) X PILE AND CHEMICAL OPERATIONS IN THE "HOT" LABORATORY.  
January 25, 1944.  
By N. Elliott.
- N-833\* PLANS FOR LABORATORIES IN THE 231 (ISOLATION PROCESS)  
(CK-G) BUILDING AT W. (MUC-GTS-540)  
March 20, 1944.  
By J. E. Willard.
- N-834\* WORK ON PURIFICATION AND METAL PRODUCTION FOR THE PAST  
(CK-G) MONTH. (MUC-GTS-450, MUC-GTS-458)  
February 12 and February 17, 1944.  
By G. T. Seaborg and associates.
- N-835\* WORK ON PURIFICATION AND METAL PRODUCTION DURING THE PAST  
(CK-G) MONTH. (MUC-GTS-538)  
March 20, 1944.  
By G. T. Seaborg.
- N-836 CHANGE IN W SLUG DESIGN. (MUC-ABG-60)  
(CE) March 21, 1944.  
By A. B. Greninger.
- N-837 PREPARATION OF A SAMPLE OF MESOTHORIUM IN SOLUTION.  
(CC-G) (MUC-GTS-541)  
March 20, 1944.  
By T. P. Kohman.

\* Limited.

- N-838  
(CP-G) ESTIMATION OF NEUTRON INTENSITY DISTRIBUTION IN PILE  
FROM MEASUREMENTS ON RADIATION FROM DISCHARGED SLUGS.  
February 17, 1944.  
By L. K. Wyatt.
- N-839  
(CP-G) OPERATING EXPERIMENT #6.  
February 22, 1944.  
By L. K. Wyatt.
- N-840  
(CP-G) POLONIUM PRODUCTION IN X PILE.  
February 25, 1944.  
By L. W. Nordheim.
- N-841\*  
(CF) PROGRESS REPORT ON METAL PILE EXPERIMENT.  
February 25, 1944.  
By L. Slotin.
- N-842  
(CP-I) COMPARISON OF READINGS OF G-M COUNTERS AND LAURITSEN  
ELECTROSCOPE.  
March 8, 1944.  
By K. Z. Morgan.
- N-843\*  
(CK-An) A POSSIBLE METHOD FOR MEASUREMENT OF PRODUCT PURITY.  
(MUC-VCW-65)  
March 21, 1944.  
By V. C. Wilson.
- N-845  
(CT-C) CORROSION TESTS ON ARC-WELDED CANS.  
March 20, 1944.  
By J. E. Draley.
- N-846  
(CT-C) RESULTS OF CORROSION TESTS ON T-N1 ALLOYS. (MUC-JED-28)  
March 20, 1944.  
By J. E. Draley.
- N-847\*  
(CK-An) SPECTROGRAPHIC DATA ON SAMPLES OF PRODUCT FROM X.  
(MUC-GTS-483)  
February 26, 1944.  
By B. B. Cunningham.
- N-848\*  
(CK-G) DEPOSITION OF PRODUCT ON FOILS. (MUC-GTS-482)  
February 26, 1944.  
By B. B. Cunningham.

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- N-851  
(CT-C) CANNING PROGRAM. (MUC-CMG-178)  
March 23, 1944.  
By C. M. Cooper.
- N-852\*  
(CS-I(G)) TECHNICAL DIVISION. PROGRESS REPORT FOR WEEK ENDING  
March 18, 1944.
- N-854\*  
(CN-H) PRODUCT HEALTH HAZARD PROTECTION IN PROCESS CHEMISTRY  
LABORATORIES OF 3706 BUILDING AT W. (MUC-GTS-547)  
March 24, 1944.  
By J. E. Willard.
- N-863  
(CH) RESULTS OF RADIATION SURVEY. (MUC-HG-420)  
March 24, 1944.  
By L. A. Pardo.
- N-866  
(CT-C) NEW END CLOSURE FOR Al CANS.  
March 30, 1944.  
By L. A. Ohlinger, L. Szilard, and G. Young.
- N-867\*  
(CN-An) MASS SPECTRA ANALYSIS OF FOUR SAMPLES FROM SITE W.  
(MUC-AJD-10)  
March 25, 1944.  
By A. J. Dempster and R. E. Lapp.
- N-871  
(CT-M) SUGGESTED RESEARCH ON PRODUCTION METALLURGY OF T.  
(MUC-JC-95)  
March 28, 1944.  
By J. Chipman.
- N-872  
(CT-H) YOUNG'S MODULUS AND POISSON'S RATIO FOR TUBALLOY.  
March 20, 1944.  
By L. H. Grenell.
- N-874  
(CT-C) SUGGESTED USE OF FLUOROSCEIN AS A LEAK DETECTOR IN  
SLUGS. (MUC-EC-69, MUC-MB-192)  
March 28 and March 30, 1944.  
By E. C. Creutz and M. Burton.
- N-875\*  
(CN-An) A MANUAL OF THE RADIOCHEMICAL ANALYSIS OF BY-PRODUCTS IN  
PROCESS SOLUTIONS. P.A.N.335-X42C. (MUC-NS-190, 204,  
CL-CDC-4)  
March 15, 1944.  
By D. N. Hume, N. E. Ballou, L. E. Glendenin, N. Sugarman,  
and L. Winsberg.

\* Limited.

- N-876  
(CP-I) MEASUREMENTS OF BETA RADIATION WITHIN A CUBICAL ENCLOSURE OF ACTIVATED PHOSPHORUS.  
March 20, 1944.  
By W. H. Ray.
- N-878  
(CP-I) MODEL PL-C SYNCHROSCOPE AND R. F. ENVELOPE INDICATOR.  
June 18, 1943.
- N-879  
(CP-I) REPORT ON TYPE A AND TYPE B PULSE TRANSMISSION CABLES AND CONNECTORS.  
September 11, 1943.  
By H. J. White and J. R. Perkins.
- N-880  
(CP-I) LEAKAGE INDUCTANCE AND DISTRIBUTED CAPACITIES OF VARIOUS TYPES OF PULSE TRANSFORMER WINDINGS.  
November 22, 1943.  
By P. R. Gillette, W. H. Bostick, and H. L. Rehkopf.
- N-881  
(CP-I) PULSE TRANSFORMER CORE MATERIAL MEASUREMENTS.  
December 10, 1943.  
By H. L. Rehkopf, W. H. Bostick, and P. R. Gillette.
- N-882  
(CP-I) PULSE TRANSFORMERS.  
January 19, 1943.  
By P. R. Gillette.
- N-883  
(CP-I) ROTARY SPARK GAP MODULATORS.  
May 19, 1942.  
By H. J. White and J. R. Dillinger.
- N-884  
(CP-I) TESTS ON FIVE TYPES OF TRIGGERED SWITCH MODULATORS.  
June 1, 1942.  
By J. M. LaRue, J. R. Perkins, and K. L. Germeshausen.
- N-885  
(CP-I) REPORT ON HARD TUBE MODULATORS AND DRIVERS.  
May 26, 1942.
- N-886  
(CP-I) PULSE TRANSFORMERS.  
July 23, 1942.  
By S. Sonkin.

\* Limited.

- N-887  
(CP-I) THE MEASUREMENT AND DESIGN OF D. C. RESONANT CHARGING CHOKES.  
November 23, 1942.  
By A. C. Donovan.
- N-888  
(CP-I) PULSE TRANSFORMERS.  
June 1, 1943.  
By W. H. Bostick, P. R. Gillette, and H. L. Rehkopf.
- N-889  
(CP-G) OSCILLOSCOPE PRESENTATION OF HYSTERESIS LOOPS AT 60 CYCLES AND UNDER PULSE CONDITIONS.  
June 1, 1943.  
By W. H. Bostick, P. R. Gillette, and H. L. Rehkopf.
- N-890  
(CP-I) TEST EQUIPMENT FOR PULSE TRANSFORMER.  
June 1, 1943.  
By W. H. Bostick, P. R. Gillette, and H. L. Rehkopf.
- N-891  
(CP-I) FOURIER ANALYSIS OF PULSES WITH FREQUENCY SHIFTS DURING THE PULSE.  
January 30, 1943.  
By R. L. Young.
- N-892  
(CP-I) IMPULSE AND SQUARE PULSE RESPONSE OF VARIOUS FILTERS.  
June 10, 1942.  
By H. Wallman.
- N-893  
(CP-I) FREQUENCY DIVISION WITH BLOCKING OSCILLATOR PULSE TRANSFORMERS.  
March 11, 1943.  
By G. Hite, E. Whitham, and B. Chance.
- N-894  
(CP-I) PROGRESS REPORT ON T-R TUBES.  
January 11, 1942.  
By A. M. Stone.
- N-895  
(CT-C) PROPOSAL FOR DEVELOPMENT OF VACUUM JACKETING OF SLUGS. (MUC-JC-96)  
March 29, 1944.  
By J. Chipman.
- N-896  
(CE) REQUEST FOR INFORMATION ON A VACUUM LEAK DETECTOR.  
March 29, 1944.  
By J. Chipman.
- N-897  
(CT-C) EFFECT OF TEMPERATURE AND PEROXIDE CONCENTRATION ON CORROSION OF 2S ALUMINUM. (MUC-JED-30)  
March 23, 1944.  
By J. E. Draley.

- N-898  
(CC-G)                   STUDIES ON THE ELECTRO-REDUCTION OF X AND EXTRACTION  
WITH CUPFERRON AND ETHER. (MUC-GEB-585)  
April 1, 1944.  
By R. E. Fryrell and L. W. Sefranski.
- N-901\*  
(CN-H)                   METHODS OF DETECTING TOLERANCE AMOUNTS OF PRODUCT  
CONTAMINATION IN THE AIR. (MUC-RJM-8)  
March 7, 1944.  
By A. Pfanstiehl.
- N-902\*  
(CK-An)                  SPECIFICATIONS FOR PRODUCT SAMPLES FOR SPECTROCHEMICAL  
ANALYSIS. (MUC-SKA-570)  
March 31, 1944.  
By S. K. Allison.
- N-905  
(CT-C)                   CORROSION OF 72S-2S AL COUPLES. (MUC-JPH-207)  
March 30, 1944.  
By J. P. Howe and J. E. Draley.
- N-906  
(CE)                     MOLYBDENUM WOUND FURNACE.  
February 14, 1944.  
By K. Schwartzwalder.
- N-907\*  
(CS-I(G))                TECHNICAL DIVISION. PROGRESS REPORT FOR WEEK ENDING  
March 25, 1944.
- N-914\*  
(CS-I(G))                TNX TECHNICAL SECTION. PROGRESS REPORT FOR WEEKS OF  
March 7 to March 20, 1944.  
By W. E. Kirst.
- N-917  
(CP-I)                   PRELIMINARY AND TENTATIVE DATA ON RCA DEVELOPMENT TUBES.  
April 4, 1944.  
By V. C. Wilson.
- N-919  
(CC-G)                   THE DRYING OF CASES. FINAL REPORT FOR PERIOD ENDING  
June 30, 1944.  
By O. A. Hougen and F. W. Dodge.
- N-921  
(CP-I)                   TESTS ON FRISKING METERS. (MUC-WPJ-15)  
March 30, 1944.  
By D. L. Collins and W. H. Hinch.
- N-922  
(CT-C)                   MEASUREMENTS OF VARIATION IN O.D. OF CANNED SLUGS.  
March 31, 1944.  
By P. E. Collins.

\* Limited.

- N-926\*  
(CS-I(G)) TECHNICAL DIVISION. PROGRESS REPORT FOR WEEK ENDING  
April 1, 1944.
- N-927  
(CH) LAUNDRY DECONTAMINATION.  
March 28, 1944.  
By P. L. Eisnercher.
- N-929  
(CT-M) TRIP TO WOLVERINE TUBE DIVISION. (MUC-EC-72)  
April 8, 1944.  
By E. C. Creutz.
- N-930\*  
(CK-G) VISIT TO BERKELEY MARCH 28 - APRIL 2, 1944. (MUC-GTS-584)  
April 5, 1944.  
By G. T. Seaborg.
- N-931\*  
(CN-S) WORK OF THE PAST MONTH ON SEPARATION PROCESSES. (MUC-GTS-580)  
April 5, 1944.  
By G. T. Seaborg.
- N-932  
(CT-C) RECLAIMING AND RECANING OF DEFECTIVE SLUGS. (MUC-CEK-9)  
April 7, 1944.  
By C. E. Kircher.
- N-933  
(CE) EFFECT OF BARE METAL ON STACK ACTIVITY.  
April 3, 1944.  
By W. C. Kay.
- N-934  
(CT-C) INFLUENCE OF HEATING ON WEIGHT OF A1, AND EFFECT ON  
SLUG TEST.  
April 4, 1944.  
By I. C. Evans.
- N-936  
(CC-G) SUGGESTIONS REGARDING USE OF TURBANYL FLUORIDE IN  
HOMOGENEOUS PILE. (MUC-MB-195, MUC-CFH-83)  
April 8 and April 12, 1944.  
By A. O. Allen and C. F. Hiskey.
- N-939\*  
(CS-I(G)) THE TECHNICAL SECTION PROGRESS REPORT FOR WEEK OF  
March 21 - March 27, 1944.  
By W. E. Kirst.
- N-944  
(CE) PROVISION FOR OPERATION OF NEW PILES IN EVENT DISCHARGE  
FACE BECOMES RADIOACTIVE. (MUC-CMC-182)  
April 10, 1944.  
By C. M. Cooper.
- N-946\*  
(CS-I(G)) THE TECHNICAL SECTION PROGRESS REPORT FOR WEEK OF  
March 28 - April 3, 1944.  
By W. E. Kirst.

\* Limited.

- N-950  
(CT-C) ALUMINUM CORROSION IN HETEROGENEOUS PILE. (MUC-CFH-82)  
April 12, 1944.  
By C. F. Hiskey.
- N-953 This report is composed of a group of memoranda, letters  
and reports dealing with Ball<sup>110</sup>-La<sup>140</sup> PREPARATION AT SITE X.
- N-954  
(CT-M) MACHINING OF SLUGS, MARCH 28-30, 1944. (MUC-JMS-16)  
April 12, 1944.  
By J. M. Simmons.
- N-955  
(CT-M) PROPOSAL FOR PURCHASING DRAW BENCH FOR ML. (MUC-EC-74)  
April 12, 1944.  
By E. C. Creutz.
- N-956 This report is composed of a group of memoranda, letters,  
and reports dealing with CORROSION STUDIES PROGRAM.
- N-962  
(CP-G) PROPOSAL FOR USE OF THORIUM IN POISONING SLUGS FOR  
W PILE. (MUC-LS-17)  
April 14, 1944.  
By L. Szilard.
- N-963  
(CT-C) DISCUSSION OF CANNING PROGRAM. (MUC-ABG-89)  
April 15, 1944.  
By A. B. Greninger.
- N-964  
(CP-G) RADIATION AT END OF WATER TUBES IN W PILE. (MUC-KW-5)  
April 5, 1944.  
By K. Way.
- N-971\*  
(CS-I(G)) TECHNICAL DIVISION. PROGRESS REPORT FOR WEEK ENDING  
April 8, 1944.
- N-972  
(CT-C) STATUS OF W COATING METHODS AS OF APRIL 15, 1944. (MUC-ABG-90)  
April 17, 1944.  
By A. B. Greninger.
- N-973 WEEKLY REPORTS ON Al-Si CANNING PROCESS DEVELOPMENT.  
By R. W. Yancey.
- N-974  
(CP-I) MEETING OF 2/25 ON INSTRUMENT DEVELOPMENT PROBLEMS FOR  
W.  
March 1, 1944.  
By C. I. Bradford.

\* Limited.

- N-976\*  
(CK-G) WORK OF THE PAST MONTH ON PURIFICATION AND METAL PRODUCTION. (MUC-GTS-615)  
April 15, 1944.  
By G. T. Seaborg.
- N-980  
(CP-I) IMPROVEMENT OF POCKET CHAMBERS.  
April 18, 1944.  
By N. Wood.
- N-981  
(CH) SANDBLASTERS IN SITE B. (MUC-HG-445)  
May 17, 1944.  
By J. J. Nickson.
- N-982  
(CT-C) EQUIPMENT AND OPERATIONS FOR THE ZINC PROCESS. (MUC-LMF-4)  
April 17, 1944.  
By L. M. Foster.
- N-983  
(CP-G) THE ABSORPTION OF SLOW NEUTRONS BY INDIUM.  
February, 1943.  
By E. D. McDaniel.
- N-984\*  
(CS-I(G)) TECHNICAL DIVISION. PROGRESS REPORT FOR WEEK ENDING  
April 15, 1944.
- N-985  
(CP-G) PERIPHERAL PRODUCTION OF  $^{23}\text{IN}$  X PILE. (MUC-AMW-36)  
April 20, 1944.  
By J. Stephenson.
- N-986  
(CP-G) EFFECT ON  $k$  OF USE OF 50 MIL UNBONDED SLUGS. (MUC-AMW-37)  
April 20, 1944.  
By A. M. Weinberg.
- N-987  
(CE) UTILIZATION OF PILE ENERGY BY MEANS OF GAS TURBINE.  
(MUC-EWB-84)  
April 20, 1944.  
By E. W. Brugmann.
- N-990  
(CC-G) STATUS OF HEAVY WATER HOMOGENEOUS PILE RESEARCH. (MUC-CFH-85)  
April 21, 1944.  
By C. F. Hiskey.
- N-991  
(CT-M) RESEARCH PROGRAM ON ALLOYS OF TUBALLOY. (MUC-FS-20,  
MUC-JC-104, MUC-JC-105)  
April 22 and May 1, 1944.  
By J. Chipman, F. Seitz, and E. P. Wigner.

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- N-992  
(CT-C) DOUBLE WELD WITH ARGON WELDING TECHNIQUES. (MUC-EC-79)  
April 24, 1944.  
By E. C. Creutz.
- N-994  
(CT-C) CORROSION OF 72S A1 and 72S-2S A1 COUPLES. (MUC-JPH-220)  
April 20, 1944.  
By J. P. Howe.
- N-998  
(CE) GRAPHITE TEMPERATURE DISTRIBUTION IN X PILE.  
April 4, 1944.  
By J. A. Lane.
- N-999\*  
(CN-S) TUBANOUS REDUCTION.  
April 8, 1944.  
By A. F. Clifford.
- N-1001  
(CP-G) PREPARATION OF THIN T FILMS. (MUC-NS-151)  
April 1, 1944.  
By D. W. Engelkemeir.
- N-1002  
(CT-C) RECENT INSPECTIONS OF SLUGS. (MUC-JPH-225)  
April 25 and April 29, 1944.  
By P. E. Collins and J. P. Howe.
- N-1003  
(CT-M) THE QUANTITY AND DISTRIBUTION OF TURALLOY AND THORIUM  
IN THE EARTH'S CRUST. (MUC-HHF-97)  
April 24, 1944.  
By S. Schram.
- N-1004  
(CP-G) DATA ON THE POWER-PRODUCT EXPERIMENT.  
April 21, 1944.  
By L. B. Borst.
- N-1005  
(CT-C) MEETING CONCERNING W WATER COOLING PROBLEMS. (MUC-JPH-222)  
April 25, 1944.  
By J. P. Howe.
- N-1006  
(CP-G) PROBLEM OF He PRODUCTION IN LI FLUX IN W PILE.  
April 25 and April 26, 1944.  
By E. P. Wigner and C. M. Cooper.
- N-1010  
(CT-C) WEEKLY REPORTS ON CORROSION OF HOT DIP AND  
ELECTROPLATED COATINGS FOR PERIOD MARCH 7 - OCTOBER 13, 1943.

\* Limited.

- N-1012\*  
(CS-I(G))      TNK TECHNICAL SECTION PROGRESS REPORT FOR WEEK OF  
April 4 - April 13, 1944.  
By W. E. Kirst.
- N-1013\*  
(CS-I(G))      TNK TECHNICAL SECTION PROGRESS REPORT FOR WEEK OF  
April 13 - April 17, 1944.  
By W. E. Kirst.
- N-1020  
(CP-G)          TRIP TO DISCUSS MASS SPECTROMETER DEVELOPMENTS. (MUC-WWW-73)  
April 12 - 15, 1944.  
By L. G. Lewis.
- N-1022  
(CT-C)          PROPOSED PROGRAM FOR CANNING RESEARCH AND PRODUCTION.  
(MUC-CMC-191)  
April 28, 1944.  
By C. M. Cooper.
- N-1023  
(CC-G)          RADIOACTIVE MATERIALS AS CATALYSTS. (MUC-MB-207)  
April 26, 1944.  
By M. Burton.
- N-1024\*  
(CS-I(G))      TECHNICAL DIVISION. PROGRESS REPORT FOR WEEK ENDING  
April 22, 1944.
- N-1025  
(CP-I)          IONIZATION CHAMBER FOR MEASUREMENT OF BETA ACTIVITY IN  
WATER TUBE EXPERIMENT.  
April 4, 1944.  
By R. W. Hunt.
- N-1026  
(CE)            CENTRIFUGE TESTING.  
April 15, 1944.  
By F. B. Vaughan.
- N-1027  
                 WEEKLY REPORTS ON FILM PROBLEMS.  
By J. E. Draley.
- N-1028  
(CE)            COMMENTS ON W BLUEPRINTS. (MUC-EPW-78)  
April 29, 1944.  
By E. P. Wigner.
- N-1029  
(CA)            ML RELATIONS WITH ALUMINUM COMPANY.  
April 29, 1944.  
By N. Hilberry.
- N-1030  
(CT)            SLUG TESTING AT X. (MUC-JMS-17)  
April 22, 1944.  
By J. M. Simmons.

\* Limited.

- N-1031  
(CC) DEVELOPMENT OF MANUFACTURING PROCESSES FOR CONVERTING  
C-100 OR C-102 TO C-105. (JWD-11)  
December 20, 1943.  
By G. E. Holbrook and C. W. Maynard.
- N-1032  
(CC) RECOVERY OF TUBALLOY VALUES FROM BY-PRODUCT SCRAP  
MATERIALS.  
January 25, 1944.  
By G. E. Holbrook and L. Spiegler.
- N-1034  
This report is composed of a group of memoranda, letters,  
and reports dealing with CORROSION AND FILM STUDIES.
- N-1035  
(CT) RELATIVE PENETRATION INTO CAN OF Al-Si AND Zn BONDS.  
April 14, 1944.  
By P. Gordon.
- N-1036  
See report No. CP-1680.
- N-1037  
(CT) RECOMMENDATION FOR SLUG TESTS.  
December 23, 1943.  
By L. B. Borst.
- N-1039\*  
(CF) PROPOSED SETUP OF METAL PILE EXPERIMENT AT X.  
January 3, 1944.  
By L. Slotin.
- N-1040  
(CP) IONIZATION CHAMBERS FOR PROCESS CONTROL.  
December 29, 1943.  
By W. C. Key.
- N-1041  
(CP) ISODOSAGE CURVES ABOUT A GRAPHITE STRINGER FROM THE  
PILE IN BUILDING 105.  
January 8, 1944.  
By K. Z. Morgan.
- N-1042\*  
(CN) COMPLETENESS OF CARRYING IN PRODUCT ANALYSES.  
January 4, 1944.  
By G. E. Brosi.
- N-1043  
(CE) DANGER OF FAILURE OF WATER SUPPLY TO "W" TUBES IN  
X PILE.  
January 17, 1944.  
By M. C. Leverett.
- N-1044\*  
(CN) PROPOSED FLOWSHEET CHANGES.  
January 5, 1944.  
By J. B. Sutton.

\* Limited.

- N-1045\*  
(CN) ADEQUATE TESTING OF W PROCESS AT X.  
January 14, 1944.  
By I. Perlman.
- N-1046\*  
(CN) CONCENTRATION METHODS IN THE  $\text{BiPO}_4$  PROCES. EMPLOYING  
HCl SOLUTIONS.  
December 9, 1943.  
By I. Perlman.
- N-1047\*  
(CN) CONCENTRATION BY  $\text{LaF}_3$  FROM  $\text{BiPO}_4$ -HCl SOLUTIONS.  
January 6, 1944.  
By I. Perlman and B. A. Fries.
- N-1048  
(CE) STORAGE OF "HOT" SLUGS.  
December 27, 1943.  
By C. D. Coryell.
- N-1049\*  
(CN) POINTS IN THE CURRENT MAIN LINE PROCESS WHERE  
ANALYSES MIGHT BE MADE.  
February 10, 1944.  
By C. D. Coryell.
- N-1052  
(CT) DATA ON THE FULL SIZE W SLUGS CANNED BY THE ZINC  
PROCESS. (MUC-LMF-6)  
April 26, 1944.  
By L. M. Foster.
- N-1054  
(CT) NOTES IN INTERACTION BETWEEN Ta, W, Cb, Mo AND  
X-METAL. (MUC-LSF-8)  
May 1, 1944.  
By L. S. Foster.
- N-1055  
(CP) X-RAY DOSIMETER.  
May 3, 1944.  
By V. C. Wilson.
- N-1056  
(CT) PROPOSED PHYSICAL TESTS ON ALUMINUM AND ALUMINUM  
ALLOYS. PROBLEM ASSIGNMENT No. 181-ML-59-6.  
(MUC-TDGE-229)  
May 2, 1944.  
By R. H. Jebens.
- N-1057\*  
(CN) WORK OF THE PAST MONTH ON SEPARATIONS PROCESSES. (MUC-GTS-647)  
May 1, 1944.  
By G. T. Seaborg.

\* Limited.

- N-1059\*  
(CK) METALLURGY OF PRODUCT. (MUC-JC-114)  
May 2, 1944.  
By J. Chipman.
- N-1060  
(CT) LEAKS IN JACKETED RODS. (MUC-MF-1)  
May 2, 1944.  
By M. Foss.
- N-1061  
See report No. M-CP-1681.
- N-1062\*  
(CC) SUMMARY OF AVAILABLE INFORMATION ON USE OF HEX FOR  
PREPARATION AND CONCENTRATION OF F.P. (MUC-NS-172)  
May 3, 1944.  
By B. Abraham.
- N-1064\*  
(CS) TECHNICAL DIVISION. REPORT FOR TWO-WEEK PERIOD  
ENDING APRIL 29, 1944.  
May 3, 1944.
- N-1067\*  
(CS) TECHNICAL SECTION. REPORT FOR WEEK OF APRIL 18 -  
APRIL 24, 1944.  
April 26, 1944.  
By W. E. Kirst.
- N-1068\*  
(CS) TECHNICAL SECTION. REPORT FOR WEEK OF  
April 25 - May 2, 1944.  
By W. E. Kirst.
- N-1069\*  
(CS) PROPOSED PROGRAM FOR STUDY DURING THE PERIOD BEGINNING  
JULY 1, 1944. (MUC-JC-115)  
May 9, 1944.  
By J. Chipman.
- N-1070\*  
(CS) PROPOSED PROGRAM FOR STUDY DURING THE PERIOD BEGINNING  
JULY 1, 1944. (MUC-JC-116)  
May 9, 1944.  
By J. Chipman.
- N-1071\*  
(CS) PROPOSED PROGRAM FOR STUDY DURING THE PERIOD BEGINNING  
JULY 1, 1944. (MUC-JC-117)  
May 9, 1944.  
By J. Chipman.
- N-1072  
(CC) SOLUBILITY OF ALKALINE EARTHS IN HYDROCHLORIC ACID.  
(MUC-KSC-80)  
By P. C. Tompkins and A. Broido.
- N-1073  
(CC) SEPARATION OF RADIOACTIVE BARIUM AND STRONTIUM BY  
PRECIPITATION WITH LEAD SULPHATE. (MUC-KSC-79)  
By P. C. Tompkins, W. E. Kisielecki, and R. D. Finkle.

\* Limited.

- N-1074  
(CP) COMPLETE TABLE OF ISOTOPES.  
February 18, 1944.  
By G. T. Seaborg.
- N-1075\*  
(CS) PROPOSED PROGRAM FOR STUDY. (MUC-JC-118)  
May 10, 1944.  
By J. Chipman.
- N-1077  
(CP) THE PROBLEM OF PRODUCING ONE CURIE OF  $Ta^{182}$  IN THE  
K-PILE.  
April 22, 1944.  
By N. Elliott.
- N-1078\*  
(CS) SCHEMATIC VIEW OF W PILE.  
April 10, 1944.  
By J. A. Wheeler.
- N-1081\*  
(CS) PROPOSED PROGRAM OF STUDIES. (MUC-JC-119)  
May 11, 1944.  
By J. Chipman.
- N-1085\*  
(CN) ISOLATION OF  $Np^{237}$  FROM BOMBARDED METAL. (MUC-GTS-674)  
May 18, 1944.  
By B. B. Cunningham.
- N-1086\*  
(CS) TECHNICAL DIVISION. REPORT FOR WEEK ENDING MAY 6, 1944.  
May 11, 1944.
- N-1087  
(CP) MONITORING IN THE FUME LINES.  
April 21, 1944.  
By W. R. Kanne.
- N-1088  
(CP) HEATING OF SHIELD BY RADIATION FROM PILE.  
April 24, 1944.  
By H. Soodak.
- N-1089  
(CH) THE TOXICITY OF  $Ba^{140}$  AND  $La^{140}$  TO RATS.  
April 24, 1944.  
By R. D. Finkle.
- N-1090\*  
(CK) HIGH PURITY METAL REPORT. (MUC-JC-122)  
May 15, 1944.  
By G. Derge.
- N-1092  
(CP) FISSION ACTIVITY FROM ONE BARE SLUG IN W WATER TUBE  
AT X. (MUC-WPJ-20)  
May 15, 1944.  
By W. D. Spatz and W. P. Jesse.

\* Limited.

- N-1093  
(CP) PRODUCTION OF RADIOACTIVE MATERIAL FROM THE X PILE.  
(MUC-HLA-20)  
April 12, 1944.  
By H. L. Anderson.
- N-1094  
(CH) HAZARDS FROM RADIOACTIVE RECOIL OF PRODUCTS. (MUC-KSC-84)  
May 15, 1944.  
By K. S. Cole.
- N-1096  
(CT) USE OF ALCLAD MATERIAL FOR JACKETS ON HEAVY METAL SLUGS.  
(MUC-SKA-638)  
May 15, 1944.  
By S. K. Allison.
- N-1097  
(CT) WORK HARDENING OF ALUMINUM JACKETS. (MUC-CPC-2)  
May 8, 1944.  
By C. P. Cabell.
- N-1099  
(CT) RESISTANCE OF RUBBER TO HCl SOLUTIONS.  
May 11, 1944.  
By H. M. Brown.
- N-1100  
(CP) PRODUCTION OF N<sup>16</sup> ACTIVITY.  
May 13, 1944.  
By J. D. Knight.
- N-1102  
This report is composed of a group of memoranda, letters,  
and reports dealing with UNBONDED SLUGS.
- N-1105  
(CT) GAUGING OF CANNED W SLUGS. (MUC-PEC-3A)  
May 16, 1944.  
By P. E. Collins.
- N-1106\*  
(CK) WORK OF THE PAST MONTH ON PURIFICATION AND METAL  
PRODUCTION. (MUC-GTS-675)  
May 12, 1944.  
By G. T. Seaborg.
- N-1107  
(CP) FILLING OF GLASS COUNTER TUBES. (MUC-WPJ-22)  
May 17, 1944.  
By M. Burke and H. Bryant.
- N-1109  
(CE) FLUID FLOW PRESSURE DROP IN STEAM COILS. (REPORT ON  
PROJECT TX-36) SERIAL No. E. D. 1436.  
December 21, 1943.  
By D. F. Boucher.
- N-1110  
(CP) CONTAMINATION LAUNDRY CALIBRATION EXPERIMENT.  
May 4, 1944.  
By K. Z. Morgan.

\* Limited.

- N-1111  
(CP) PHOTSENSITIVE THIN WALLED G. M. TUBE--HAND COUNTER.  
May 6, 1944.  
By W. H. Delaney.
- N-1112  
(CH) TOLERABLE CONCENTRATIONS OF BY-PRODUCTS IN AIR AND WATER.  
April 28, 1944.  
By W. E. Cohn.
- N-1113  
(CP) PROCEDURE FOR ROUTINE MAINTENANCE OF INTEGRON CHAMBERS.  
May 15, 1944.  
By S. W. Wawrzaszek.
- N-1114\*  
(CH) PROPOSED ETHER-EXTRACTOR FOR 706-C.  
May 4, 1944.  
By W. E. Cohn.
- N-1115  
(CT) THEORY AND PROCEDURE OF THE MODIFIED DEFLECTION TEST.  
(MUC-MF-2)  
May 16, 1944.  
By M. Foss.
- N-1116  
(CC) FINAL REPORT ON SPECIAL TITANIUM ZEOLITE SAMPLES.  
(MUC-SKA-634)  
November 11, 1943.  
By M. J. Shoemaker.
- N-1117  
(CE) TEMPERATURE OF THE SLEEVE HOLDING THE DROP SAFETY  
CONTROL RODS FOR THE CASE OF A PROPOSED DESIGN. (MUC-AC-3)  
May 17, 1944.  
By A. Cahn, Jr.
- N-1118  
(CP) RADIATION AT PERISCOPES OR WATER VIEWERS FOR "HOT"  
CONTROL ROOM AND DISCHARGE FACE OF W PILE. (MUC-KW-8)  
May 17, 1944.  
By K. Way.
- N-1119\*  
(CN) PROPOSAL FOR  $LaF_3$  STEPS IN  $BiPO_4$  PROCESS.  
April 29, 1944.  
By I. Perlman.
- N-1120  
(CH) BUILDING 717-B - Ra Be SOURCES--SAFETY.  
February 17, 1944.  
By S. W. Wawrzaszek.
- N-1121  
(CT) SYNTHETIC W-METAL SLUGS CONTAINING FISSION ELEMENTS.  
TYPE I. (PROBLEM ASSIGNMENT No. 251-ML-54-1a)  
(MUC-FF-91)  
May 12, 1944.  
By F. Foote.

\* Limited.

- N-1123  
(CT) DIAMETERS OF Al-Si CANNED SLUGS.  
May 18, 1944.  
By P. E. Collins.
- N-1124  
(CP) TABLES AND NOMOGRAMS FOR GAMMA RAY SHIELDING,  
May 9, 1944.  
By H. M. Parker and R. R. Coveyou.
- N-1126  
(CT) ROLLING AND GRINDING OF TUBALLOY. APRIL 11-14  
AND MAY 3-6, 1944. (MUC-JMS-18 and 19)  
May 18, 1944.  
By J. M. Simmons.
- N-1127  
(CP) RADIATION ON PERISCOPE AND PERSONNEL USING PERISCOPE  
AT DISCHARGE FACE OF X PILE. (MUC-KW-9)  
May 18, 1944.  
By K. Way.
- N-1128\*  
(CS) TECHNICAL DIVISION. REPORT FOR WEEK ENDING MAY 13, 1944.  
May 18, 1944.
- N-1129  
(CC) DETERMINATION OF HYDROGEN PEROXIDE IN THE PRESENCE OF  
CHROMATE. (MUC-MB-216)  
May 19, 1944.  
By A. O. Allen.
- N-1130  
(CC) SURFACE ADSORPTION OF BY-PRODUCTS. (MUC-KSC-87)  
May 18, 1944.  
By K. S. Cole.
- N-1131  
(CC) TOTAL NUMBER OF FISSIONS IN POWER PRODUCT EXPERIMENT.  
(MUC-NS-177)  
May 18, 1944.  
By Nathan Sugarman.
- N-1132  
(CT) SPRAYED ALUMINUM COATS ON TUBALLOY. (MUC-RBH-38)  
May 19, 1944.  
By R. B. Hoxeng.
- N-1133  
(CT) RADIATION CORROSION. (MUC-NG-1)  
May 10, 1944.  
By N. Goldowski.
- N-1134  
(CT) DISTRIBUTION OF ACTIVITY IN CORROSION OF TUBALLOY.  
(MUC-JPH-237)  
May 20, 1944.  
By J. P. Howe.

\* Limited.

- N-1135  
(CT) CORROSION OF SPECIAL ALUMINUM CONTAINERS. (MUC-HCV-759)  
May 19, 1944.  
By L. B. Thompson.
- N-1136  
(CT) VISIT TO WOLVERINE TUBE DIVISION, MAY 19, 1944. (MUC-EC-85)  
May 20, 1944.  
By E. C. Creutz.
- N-1137\*  
(CN) PEROXIDE ISOLATION PROCESS: STATUS AND FLOW SHEET. (MUC-GTS-689)  
May 19, 1944.  
By G. W. Watt.
- N-1138\*  
(CN) FUTURE USE OF CYCLOTRON. (MUC-GTS-690)  
May 20, 1944.  
By G. T. Seaberg.
- N-1145  
This report is composed of a group of memoranda, letters,  
and reports dealing with LONG CARTRIDGE PROGRAM.
- N-1147  
(CT) PERFORMANCE TESTING OF WELD LEAKS. (MUC-CMC-203)  
May 22, 1944.  
By C. M. Cooper.
- N-1148  
(CP) RESULTS OF TESTS ON VICTOREEN RESISTORS.  
May 22, 1944.  
By N. Wood.
- N-1149  
(CT) CENTERLESS GRINDING OF SLUGS. (MUC-JMS-21)  
May 23, 1944.  
By J. M. Simmons.
- N-1153\*  
(CS) TECHNICAL DIVISION. REPORT FOR WEEK ENDING MAY 20, 1944.  
May 23, 1944.
- N-1158\*  
(CK) IMPURITY LIMIT FOR SULPHUR. (MUC-HIA-19)  
May 26, 1944.  
By H. L. Anderson.
- N-1159  
(CT) RECENT DEVELOPMENTS IN THE Al-Si PROCESS. (MUC-ABC-135)  
May 26, 1944.  
By A. B. Greninger.
- N-1160  
(CT) PENETRATION OF CANS BY BONDING MATERIAL. (MUC-JPH-240)  
May 26, 1944.  
By J. P. Howe.

\* Limited.

- N-1161\*  
(CS) CONFERENCE, MAY 25, 26, 27, 1944. (MUC-SKA-650)  
By S. K. Allison.
- N-1163\*  
(CN) POSSIBLE METHODS OF INCREASING PRODUCTION AT W.  
(MUC-GTS-711)  
May 25, 1944.  
By S. G. Thompson.
- N-1164\*  
(CN) ION ANALYSIS FOR CORROSION PRODUCTS. (MUC-REC-48)  
May 23, 1944.  
By R. E. Curtis.
- N-1167  
(CT) ATOMIC HYDROGEN WELDING OF ZINC BONDED SLUGS. (MUC-DG-2)  
May 29, 1944.  
By D. Gurinsky.
- N-1168  
(CP) BECKMAN AUTOMATIC MULTIPLE SWITCH. ENGINEERING GROUP  
REPORT #BK50227.  
May 29, 1944.  
By B. L. Weller.
- N-1169  
(CC) DECOMPOSITION OF WATER AND RECOMBINATION OF HYDROGEN AND  
OXYGEN GASES BY HEAVY PARTICLE RADIATION. (MUC-MB-220)  
May 29, 1944.  
By A. O. Allen.
- N-1170  
(CP) HUMIDITY EFFECTS ON BECKMAN INSTRUMENTS. ENGINEERING  
GROUP REPORT #50228.  
By B. L. Weller.
- N-1171  
(CP) PROPORTIONAL COUNTERS AND NEW PROBLEMS ON RECENT VISIT  
TO K. (MUC-WPJ-23)  
May 27, 1944.  
By J. A. Simpson, Jr.
- N-1172  
(CE) EFFICIENCY AND OPERATION OF DRY FILTER PAPERS AS DUST  
COLLECTORS. (MUC-WPJ-24)  
May 27, 1944.  
By A. Pfanstiehl.
- N-1175  
(CE) DISCUSSION OF PILE PROBLEMS. (MUC-TDGE-272)  
May 29, 1944.  
By R. H. Jebens.
- N-1178  
(CP) I. SLOWING DOWN OF NEUTRONS; II. A REPRODUCIBLE STANDARD  
OF NEUTRON INTENSITY.  
May 11, 1942.  
By G. R. Gemertsfelder.

- N-1179  
(CP) PRELIMINARY REPORT ON THE "W" GEIGER-COUNTER RESEARCH PROGRAM. (MUC-WPJ-19)  
May 9, 1944.  
By H. Bryant, M. Burke, J. Fedo, M. Berger, J. Hinch, W. Spatz, and J. Simpson.
- N-1180  
(CC) THORIA ANALYSES.  
May 30, 1944.  
By J. Chipman.
- N-1182  
(CP) RESONANCE ABSORPTION IN D/T MIXTURES. (MUC-EPW-82 and MUC-SKA-625)  
May 23; May 9, 1944.  
By E. P. Wigner and S. K. Allison.
- N-1183  
(CT) MOLD MATERIALS FOR CASTING TUBALLOY. (MUC-JC-128)  
May 30, 1944.  
By J. Chipman.
- N-1184  
(CE) HEAT TRANSFER FROM SLEEVE HOLDING DROP SAFETY ROD TO SAFETY SOLUTION. (MUC-PDGE-281)  
May 31, 1944.  
By G. F. Quinn.
- N-1187  
(CP) DESCRIPTION OF 35 kv VOLTAGE SUPPLY UNIT.  
May 28, 1944.  
By R. E. Lapp.
- N-1190  
(CP) LAPLACIAN FOR BERYLLIUM LATTICE EXPERIMENT. (MUC-WHZ-9)  
June 2, 1944.  
By A. Wattenberg.
- N-1191\*  
(CN) HANDLING OF WASTES FROM 205 BUILDING (UP TO MAY 1, 1944).  
May 1, 1944.  
By W. Q. Smith.
- N-1192\*  
(CN) SEPARATIONS DEVELOPMENT DIVISION. REPORT FOR MONTH ENDING  
May 13, 1944.  
By O. H. Greager.
- N-1195\*  
(CS) TNX TECHNICAL SECTION WEEKLY PROGRESS REPORT.  
Report for week ending May 16, 1944.  
By W. E. Kirst.
- N-1196\*  
(CS) TNX TECHNICAL SECTION WEEKLY PROGRESS REPORT.  
Report for week ending May 9, 1944.  
By W. E. Kirst.

\* Limited.

- N-1200  
(CT) X METAL SAMPLES 5X5A, 5X5AA. (MUC-EBA-146)  
May 29, 1944.  
By Fred Mark.
- N-1203  
(CP) SOUND VELOCITY TEST ON GRAPHITE. (MUC-RJM-13)  
May 30, 1944.  
By R. J. Moon.
- N-1205  
(CE) HOMOGENEOUS EXPONENTIAL PILE - P.A.N. 182-ML-C-50-3.  
P-9 RECOVERY TRAY DRYER. (MUC-TDGE-284)  
May 31, 1944.  
By R. H. Jebens and G. F. Quinn.
- N-1206  
(CT) SAFE OPERATING CONDITIONS FOR LEAKY UNBONDED SLUGS.  
(MUC-CMC-207, MUC-TDGE-322 )  
May 31, 1944.  
By C. M. Cooper and R. H. Jebens
- N-1207  
(CP) EFFECTS OF HUMIDITY AND ATMOSPHERIC PRESSURE VARIATIONS  
ON THE LAURITSEN ELECTROSCOPE.  
May 8, 1944.  
By L. L. German.
- N-1208\*  
(CN) 40 VS 60 DAY COOLING.  
May 10, 1944.  
By C. D. Coryell.
- N-1209\*  
(CN) BY-PRODUCT ANALYSES.  
May 13, 1944.  
By R. I. Martens.
- N-1210  
(CT) CANNED SLUG TESTING PROCEDURE.  
May 11, 1944.  
By J. A. Collins.
- N-1211  
(CE) PRINT APPROVAL - 100 AREA - DETAIL 64296. (MUC-TDGE-285)  
May 31, 1944.  
By R. H. Jebens.
- N-1212  
(CC) NOTE ON MEETING TO CONSIDER DENSITY OF HEAVY WATER.  
(2M-545)  
May 16, 1944.  
By I. Kirshenbaum.
- N-1214  
(CP) MANUFACTURING SPECIFICATIONS FOR THE PORTABLE G-M TUBE  
SURVEY METER - ENGINEERING GROUP REPORT #PM 50235.  
May 30, 1944.  
By J. Dorsay.

\* Limited.

- N-1215  
(CP) MANUFACTURING SPECIFICATIONS FOR THE ION CURRENT  
AMPLIFIER, "SNEEZY". ENGINEERING GROUP REPORT  
#AD 50234.  
May 29, 1944.  
By W. H. Hinch, E. H. Wakefield, and S. E. Cooper.
- N-1216\*  
(CN) ION CONTROL PROGRAM FOR SITE W.  
June 1, 1944. ✓  
By B. F. Butler and G. W. Fassett.
- N-1217  
(CP) MANUFACTURING SPECIFICATIONS FOR THE SCALER SUB-  
ASSEMBLIES. ENGINEERING GROUP REPORT #SC50231.  
May 16, 1944.  
By E. Wakefield.
- N-1218  
(CP) MANUFACTURING SPECIFICATIONS FOR THE HIGINBOTHAM SCALER \*  
ENGINEERING GROUP REPORT #SC50232.  
May 19, 1944.  
By E. Wakefield.
- N-1219\*  
(CS) TRX 9--LOADING AND YIELD OF W FILE.  
May 25, 1944.  
By J. A. Wheeler, A. T. Monk, and K. Way.
- N-1220  
(CH) EFFECTIVENESS OF THE LAUNDRY PROCESS IN REMOVING  
CONTAMINATION FROM CLOTHING.  
May 16 and 17, 1944.  
By J. T. Lowe and P. E. Lindvig.
- N-1221  
(CP) SCALE CHANGING MECHANISM FOR PANEL METERS.  
May 9, 1944.  
By E. W. Molloy.
- N-1225  
(CP) BECKMAN AUTOMATIC MULTIPLE SWITCH. ENGINEERING GROUP  
REPORT # BK50227.  
May 29, 1944.  
By B. L. Weller.
- N-1229  
(CC) COLORIMETRIC DETERMINATION OF ALUMINUM. ✓  
May 31, 1944.  
By E. F. Story, Jr.
- N-1230  
(CE) HOMOGENEOUS EXPONENTIAL PILE - 182-ML-C-503.  
D<sub>2</sub>O RECOVERY DRYER. (MUC-TDGE-318)  
June 6, 1944.  
By R. H. Jebens.

\* Limited.

- N-1231  
(CC) ISOLATION OF CESIUM BY PERCHLORATE METHOD. (MUC-NS-183)  
June 6, 1944.  
By R. P. Metcalf.
- N-1232\*  
(CS) T&E TECHNICAL SECTION WEEKLY PROGRESS REPORT.  
Report for week ending May 23, 1944.  
May 25, 1944.  
By W. E. Kirst.
- N-1233  
(CP) OSCILLOSCOPE MONITORING OF THE PROCEDURE FOR FILLING  
THIN WALL GLASS GEIGER-MUELLER COUNTERS AT SITE X.  
May 10, 1944.  
By W. B. Bennet.
- N-1235  
(CT) DEFECTS IN ROLLED BARS. (MUC-JC-130)  
June 3, 1944.  
By J. Chipman.
- N-1236\*  
(CN) SIZE OF SAMPLE AND LEVEL OF ACTIVITY REQUIRED FOR  
F. P. ANALYSES.  
May 22, 1944.  
By M. R. Hoff.
- N-1241\*  
(CS) TECHNICAL DIVISION. REPORT FOR WEEK ENDING  
May 27, 1944.
- N-1242\*  
(CN) WORK OF THE PAST MONTH ON SEPARATIONS PROCESSES. (MUC-GTS-735)  
Report for month of May, 1944.  
By G. T. Seaborg.
- N-1244  
(CP) TABLE OF ENERGY DIFFERENCES. (MUC-HC-4)  
May 31, 1944.  
By H. Castle.
- N-1245\*  
(CN) GENERAL PROGRESS OF SEPARATIONS STUDIES.  
May 1, 1944.  
By O. H. Greager.
- N-1246\*  
(CN) EVALUATION OF CONSTRUCTION MATERIALS - LABORATORY TEST  
WITH FLUORIDE EXTRACTION PROCESS. ((x)200-161)  
By J. A. Collins.
- N-1248  
(CT) PRODUCTION OF SWAGED RODS.  
June 8, 1944.  
By J. Chipman and J. G. Thompson.

\* Limited.

- N-1249  
(CC) SPECTROCHEMICAL ANALYSIS OF DILUTE SOLUTIONS BY THE COPPER SPARK METHOD. (MUC-GEB-583)  
March 28, 1944.  
By M. Fred.
- N-1250  
(CP) MEETING WITH HALLICRAFTERS COMPANY. INSTRUMENT SECTION REPORT. (MS50242)  
June 9, 1944.  
By E. Wakefield.
- N-1251\*  
(CC) ABSTRACTS OF CM & S PERIOD REPORTS ON PRODUCTION AND ANALYSIS OF HEAVY WATER.  
Report for period of January 1 to April 15, 1944.
- N-1253  
(CT) BI-WEEKLY PROGRESS REPORT - TECHNICAL DIVISION.  
Report for period of May 15 - May 30, 1944.  
By H. Worthington.
- N-1254  
(CP) MODIFICATION AND STANDARDIZATION OF BETA AND GAMMA RAY COUNTING TECHNIQUES.  
June 5, 1944.  
By W. H. Sullivan.
- N-1255\*  
(CA) CLASSIFIED LIST OF TECHNICAL SITE X PERSONNEL.  
February 15, 1944.
- N-1257  
(CP) IMPULSE ANALYZER.  
June 1, 1944.  
By V. C. Wilson.
- N-1258\*  
(CS) TECHNICAL DIVISION. REPORT FOR WEEK ENDING  
June 10, 1944.
- N-1259\*  
(CT) SLUGS BY THE Al-Si PROCESS. ML RECOMMENDATIONS AND OPINIONS REGARDING SINGLE DIP BONDING AND THE TESTABLE WELD. (MUC-SKA-678)  
June 17, 1944.  
By S. K. Allison.
- N-1260  
(CC) THE COLORATION OF SIMPLE IONIC CRYSTALS. (MUC-MB-230)  
June 15, 1944.  
By M. Burton.
- N-1261\*  
(CS) TRX TECHNICAL SECTION. WEEKLY PROGRESS REPORT FOR WEEK OF  
May 24 to May 30, 1944.  
By W. E. Kirst.

\* Limited.

- N-1263\*  
(CN) VISIT TO X, MAY 22-25. (MUC-GTS-756)  
June 12, 1944.  
By F. W. Albaugh.
- N-1265\*  
(CN) INTRODUCTORY NOTES ON BY-PRODUCT ACTIVITY AND  
DECONTAMINATION. (MUC-GTS-745)  
By L. O. Morgan and L. I. Katzin.
- N-1266\*  
(CP) ALTERNATE METHOD OF MODIFYING NEUTRON DISTRIBUTION  
TO OBTAIN HIGHER OVERALL OUTPUT OF W PILES. (MUC-CEK-76)  
June 7, 1944.  
By R. N. Lyon.
- N-1267  
(CT) ARGON GAS PRODUCED AT CLEVELAND WIRE WORKS OF  
GENERAL ELECTRIC COMPANY. (MUC-ABG-146)  
June 13, 1944.  
By A. B. Groninger.
- N-1268  
(CP) Be TARGETS FOR USE IN NEUTRON BOMBARDMENT.  
By T. M. Putman.
- N-1269  
(CA) DIMENSIONS GIVING THE SMALLEST AREA MISMATCH WHEN A  
ROUND ROD AND A SQUARE ROD ARE CEMENTED END-TO-END.  
June 2, 1944.  
By C. Williamson.
- N-1270  
(CP) THIRTY CYCLE AMPLIFIER. INSTRUMENT SECTION REPORT  
#MS50246.  
June 20, 1944.  
By D. R. Hume.
- N-1271\*  
(CN) 200 AREA - PROGRESS REPORTS.  
October 11, 1943 - February 15, 1944.  
By F. B. Vaughan.
- N-1272  
200 AREA PROGRESS REPORTS FOR PERIOD OF FEBRUARY 21, 1944,  
TO FEBRUARY 28, 1945.
- N-1273\*  
(CN) SUMMARIES OF RUNS 1-27 -- 205 BUILDING.  
January 13 - February 9, 1944.  
By W. Q. Smith.
- N-1274  
205 BUILDING PROGRESS REPORTS FOR PERIOD OF FEBRUARY 14, 1944,  
TO OCTOBER 21, 1944.
- N-1275\*  
(CE) 100 AREA PROGRESS REPORTS FOR PERIOD OF OCTOBER 9, 1943 -  
MAY 17, 1944.  
By L. K. Wyatt and J. P. Sinclair.

\* Limited.

- N-1276 This report is composed of a group of memoranda, letters, and reports dealing with THE FROST TEST.
- N-1277\*  
(CS) TECHNICAL DIVISION. PROGRESS REPORT FOR WEEK ENDING  
JUNE 17, 1944.  
June 21, 1944.
- N-1278 This report is composed of a group of memoranda, letters, and reports dealing with NEUTRON THERMOPILES.
- N-1279 This report is composed of a group of memoranda, letters, and reports dealing with BERYLLIUM.
- N-1280 MINUTES OF LIAISON COMMITTEE MEETINGS FROM OCTOBER 30, 1943, TO THE PRESENT.
- N-1281 SITE X CHEMICAL DIVISION MONTHLY REPORTS FROM NOVEMBER 12, 1943, TO DECEMBER 15, 1944.
- N-1282 This report is composed of a group of memoranda, letters, and reports dealing with COAXIAL CABLES AND CONNECTORS.
- N-1283 This report is composed of a group of memoranda, letters, and reports dealing with SUBMERGED REACTOR.
- N-1284 This report is composed of a group of memoranda, letters, and reports dealing with DOUGHNUTS IN HOLE 1867.
- N-1287 This report is composed of a group of memoranda, letters, and reports dealing with CRYSTAL STRUCTURE OF PRODUCT COMPOUNDS.
- N-1288 This report is composed of a group of memoranda, letters, and reports dealing with CRITICAL AMOUNTS OF PRODUCT IN SOLUTION.
- N-1289 This report is composed of a group of memoranda, letters, and reports dealing with SUPERSONIC METHODS OF FLAW DETECTION.
- N-1290  
(CT) HIGH PURITY METAL REPORT. (MUC-JC-136)  
June 19, 1944.  
By G. Derge.
- N-1292  
(CT) ABSORPTION OF Bi-Pb EUTECTIC BY GRAPHITE. (MUC-EC-87)  
June 1, 1944.  
By E. Creutz.

\* Limited.

- N-1293\*  
(CN) NOTES ON USE OF SODIUM NITRITE FOR PRE-REDUCTION.  
(MUC-GTS-764)  
June 16, 1944.  
By G. T. Seaborg.
- N-1294\*  
(CN) TRIP TO X, JUNE 7-11, 1944. (MUC-GTS-772)  
June 16, 1944.  
By J. E. Willard.
- N-1295 This report is composed of a group of memoranda, letters,  
and reports dealing with SOLVENT EXTRACTION PROCESS.
- N-1296 This report is composed of a group of memoranda, letters,  
and reports dealing with SOLVENT PARTITION PURIFICATION  
PROCESSES FOR PRODUCT.
- N-1297 This report is composed of a group of memoranda, letters,  
and reports dealing with ETHER HAZARDS.
- N-1298  
(CT) CORRESPONDENCE ON EDDY CURRENT FLAW DETECTION. (MUC-RFP-5)  
October 28 - December 23, 1943.  
By R. F. Plott, J. G. Thompson, and R. Gunn.
- N-1299\*  
(CN) COMMENTS ON PROPOSED CANNING PROCEDURES IN MUC-SKA-403.  
(MUC-SKA-403, MUC-EC-56, MUC-AMW-26, MUC-GTS-374)  
December 31, 1943, January 1, 4, 12, 1944.  
By S. K. Allison, E. C. Creutz, A. M. Weinberg,  
G. T. Seaborg, and M. C. Leverett.
- N-1300 This report is composed of a group of memoranda, letters,  
and reports dealing with CONTAINERS FOR SHIPMENT OF  
ACTIVE MATERIAL.
- N-1301\*  
(CN) REVIEW OF THE VAPOR-PHASE CHLORINATION OF PRODUCT OXIDE.  
(MUC-GTS-783)  
June 14, 1944.  
By I. Karle.
- N-1302  
(CT) TRIP TO ALCOA AND X, JUNE 14-17, 1944. (MUC-RBH-49)  
June 23, 1944.  
By R. B. Hoxeng.
- N-1303\*  
(CN) STATUS OF THE ISOLATION PROCESS.  
June 7, 1944.  
By W. C. Johnson.
- N-1304  
(CP) NEUTRON MONITORING WITH PHOTOGRAPHIC PLATES.  
June 7, 1944.  
By L. B. Borst.

\* Limited.

- N-1306 This report is composed of a group of memoranda, letters, and reports dealing with METHODS OF DETECTION OF JACKET FAILURE IN THE PILE.
- N-1307  
(CT-C) TELEPHONE CONVERSATIONS AND CORRESPONDENCE WITH CMX ON FILM FORMATION AND CORROSION.  
May 24 to August 16, 1944.  
By C. E. Kircher, J. P. Howe, J. E. Draley, and C. Wohlberg.
- N-1308 THIS report is composed of a group of memoranda, letters, and reports dealing with SLUG CORROSION AND CORROSION TESTING.
- N-1309 This report is composed of a group of memoranda, letters, and reports dealing with ALLOWABLE SIZES OF SLUG SURFACE DISCONTINUITIES.
- N-1310 This report is composed of a group of memoranda, letters, and reports dealing with CRYSTAL STRUCTURE OF Ce AND Th SULFIDES.
- N-1311 This report is composed of a group of memoranda, letters, and reports dealing with SLUG CHARGING AND DISCHARGING.
- N-1312\*  
(CS) TECHNICAL DIVISION. PROGRESS REPORT FOR WEEK ENDING  
June 24, 1944.
- N-1313  
(CT) METHOD FOR CASTING Al-Si CANS AROUND T SLUGS. (MUC-CMC-227)  
June 30, 1944.  
By C. M. Cooper.
- N-1314  
(CP) SUGGESTION REGARDING USE OF MIXED GRAPHITE AND P-9 MODERATOR, AND CALCULATIONS OF CRITICAL VOLUME AND AMOUNT OF P-9 REQUIRED IN SUCH A SYSTEM. (MUC-RDF-1 and MUC-AMM-45)  
June 27, 1944.  
By R. D. Fletcher and A. M. Weinberg.
- N-1315\*  
(CS) TNX TECHNICAL SECTION WEEKLY PROGRESS REPORT FOR WEEK OF  
June 1 to 6, 1944.  
By W. E. Kirst.
- N-1319  
(CC) INTRODUCTORY LIST OF REPORTS ON THE WORK OF SECTION C-II.  
(MUC-MB-234)  
June 26, 1944.  
By M. Burton.

\* Limited.

- N-1320  
(CC) PREPARATION OF PURE  $BaI_2$ ,  $SrBr_2$  and  $SrI_2$ . (MUC-LBA-288)  
June 27, 1944.  
By L. B. Arnold, Jr.
- N-1321  
(CC) DETERMINATION OF FREE NITRIC ACID IN THE PRESENCE OF  
TUBANYL NITRATE. (MUC-GTS-786)  
June 23, 1944.  
By J. L. Dreher.
- N-1322  
MONTHLY PROGRESS REPORTS ON CENTRIFUGAL CASTING OF  
TUBALLOY FROM MAY TO OCTOBER, 1944, AND FINAL REPORT.  
By R. A. Stauffer.
- N-1323  
(CT) SUMMARY OF INFORMATION ON THE TESTING OF WELDED CLOSURES  
AS OF JUNE 21, 1944. (MUC-JPH-255)  
July 4, 1944.  
By J. P. Howe.
- N-1324  
(CT) CAN CLOSURE. (MUC-EWB-209)  
July 3, 1944.  
By E. W. Brugmann.
- N-1325  
(CT) TRIP TO W. E. PRATT MFG. COMPANY. (MUC-FF-126)  
May 30 - June 29, 1944.  
By N. P. Pinto.
- N-1326\*  
(CS) TECHNICAL DIVISION. WEEKLY PROGRESS REPORT FOR WEEK ENDING  
July 1, 1944.
- N-1328  
(CT) INSPECTION DEVICE FOR UNDERWATER INSPECTION AND  
PHOTOGRAPHY OF ACTIVE SLUGS. (MUC-CMC-225)  
June 24, 1944.  
By C. M. Cooper.
- N-1329  
This report is composed of a group of memoranda, letters,  
and reports dealing with H<sup>3</sup> PRODUCTION.
- N-1330  
(CT) RESEARCH PROGRAM FOR Al-Si PROCESS DEVELOPMENT. (MUC-ABG-190)  
July 5, 1944.  
By A. B. Greninger.
- N-1331\*  
(CS) TNK TECHNICAL SECTION REPORT FOR WEEK OF JUNE 7 - 20, 1944.  
By W. E. Kirst.
- N-1334  
(CN) 25-12-S-Cb STAINLESS STEEL.  
By J. A. Collins.

\* Limited.

- N-1335\*  
(JS) MINUTES OF CONFERENCE HELD JUNE 9, 1944.  
June 21, 1944.  
By W. C. Johnson.
- N-1336\*  
(CS) HANDLING OF WASTES FROM 205 BUILDING.  
Report for period ending May 1, 1944.  
By W. Q. Smith.
- N-1337  
(CH) FUME REMOVAL SYSTEM FOR ALUMINUM-SILICON MELT POT--SITE B.  
July 4, 1944.  
By R. E. Clark.
- N-1338\*  
(CS) ADMINISTRATIVE CHART. (MUC-LAK-205)  
July 5, 1944.  
By L. A. Kimpton.
- N-1339  
(CT) SNIFFER TEST (MASS SPECTROMETER LEAK DETECTION)  
PRESENT STATUS AND PLANS. (MUC-CMC-232)  
July 7, 1944.  
By C. M. Cooper.
- N-1340  
(CT) STRESS CONCENTRATION IN SLUG ASSEMBLIES. (MUC-GY-13)  
July 7, 1944.  
By F. H. Murray and G. Young.
- N-1344  
(CC) PROCEDURES FOR SHORT-LIVED AND LOW FISSION YIELD  
ISOTOPES (NEW ANALYTICAL PROCEDURES FOR Ge, As, Se,  
Rh, Pd, Sn, Sb, and Eu) (MUC-NS-200)  
By L. Winsberg and J. Seiler.
- N-1345  
(CC) ADSORPTION FROM ACTIVATED TMS SOLUTIONS. (MUC-KSC-104)  
July 5, 1944.  
By K. S. Cole.
- N-1346  
(CT) EXTRUSION PROCESS FOR ELIMINATION OF WELD ON SLUGS.  
(MUC-LS-27)  
July 7, 1944.  
By L. Szilard.
- N-1349\*  
(CS) PILE BUILDING. DISCHARGE FACE.  
June 26, 1944.
- N-1350  
(CH) PRECAUTIONS TO BE TAKEN WHILE WORKING WITH THORIUM. (MUC-HG-261)  
November 13, 1943.  
By J. J. Nickson.

\* Limited.

- N-1351\*  
(CN) PROPOSED ION CONTROL PROGRAM FOR BUILDING 231 AT  
SITE W. (MUC-REC-69)  
July 6, 1944.  
By R. L. Voigt.
- N-1352  
(CP) CALCULATED DOSE IN W SHIELD EXPERIMENT. (MUC-KW-16)  
June 23, 1944.  
By K. Way.
- N-1353  
(CC) PROCEDURE FOR CADMIUM. (MUC-NS-203)  
July 3, 1944.  
By E. P. Steinberg.
- N-1354  
(CC) INFORMATION ON THE PREPARATION OF CARRIER FREE  
STRONTIUM BY THE LEAD SULFATE METHOD. (MUC-KSC-103)  
July 1, 1944.  
By P. C. Tompkins and associates.
- N-1355\*  
(CS) WATER MODERATED PILE WITH P-9 CORE. (MUC-LS-28)  
July 7, 1944.  
By L. Szilard.
- N-1357  
(CT) NICKEL, COPPER AND ZINC PLATED SLUGS. P.A.N. 154-ML-3d.  
June 15, 1944.  
By A. S. Mendelson.
- N-1358\*  
(CS) TNX TECHNICAL SECTION PROGRESS REPORT FOR WEEK OF  
June 21 - 27, 1944.  
By W. E. Kirst.
- N-1359  
100 AREA. SEMI-MONTHLY REPORTS FOR PERIOD OF  
June 1, 1944, TO OCTOBER 15, 1944.
- N-1360  
This report is composed of a group of memoranda, letters,  
and reports dealing with ROLLING OF TUBALLOY AT JOSLYN  
MFG. AND SUPPLY CO.
- N-1361\*  
(CC) CATALYTIC RECOMBINATION OF PILE GASES. (MUC-CFH-86)  
April 28, 1944.  
By C. F. Hiskey.
- N-1362  
(CC) INDICES TO "A" AND "M" REPORTS ISSUED THROUGH  
APRIL 28, 1944.  
By C. A. Kraus.
- N-1363\*  
(CS) TECHNICAL DIVISION. PROGRESS REPORT FOR WEEK ENDING  
July 8, 1944.

\* Limited.

- N-1364  
(CP) X-RAY FLUOROSCOPIC EXAMINATION OF Al-Si SLUGS  
RECEIVED FROM HEW. (MUC-ABG-219)  
July 13, 1944.  
By A. B. Greninger.
- N-1365 This report is composed of a group of memoranda, letters,  
and reports dealing with ADSORPTION SEPARATION PROCESSES.
- N-1366 DESIGN AND COOLING OF TEST HOLES IN P-9 PILE.  
(MUC-FS-36, MUC-TDGE-349, MUC-TDGE-354)  
June 10-20, 1944.  
By F. Seitz, W. O. Christy, and R. H. Jebens.
- N-1367  
(CP) INSTRUCTIONS FOR OPERATING PORTABLE G-M RADIATION METERS.  
July 11, 1944.  
By G. A. Binder.
- N-1368  
(CT) METALLOGRAPHIC EXAMINATION OF FROST TESTED AND  
RADIOGRAPHED, ZINC BONDED W SLUGS. (MUC-FF-120)  
By R. F. Parker and D. L. Schwartz.
- N-1370\*  
(CC) KEY TO CODE SYMBOLS USED IN REPORTS.  
[C. A. Kraus]
- N-1371  
(CC) PEROXIDE CONCENTRATION IN LIQUID FILM. (MUC-TDGE-355)  
June 20, 1944.  
By G. F. Quinn.
- N-1372  
(CP) WILLIAM HIGINBOTHAM'S COMMENTS ON HIGINBOTHAM SCALERS.  
INSTRUMENT SECTION REPORT #SC50245.  
June 19, 1944.  
By E. Wakefield.
- N-1373  
(CP) MODIFICATIONS OF BECKMAN RXD INSTRUMENT. ENGINEERING  
GROUP REPORT BK50223.  
April 8, 1944.  
By B. I. Weller.
- N-1374 See report No. CP-2115.

\* Limited.

- N-1375 This report is composed of a group of memoranda, letters, and reports dealing with OPTICAL INSTRUMENTS AT W.
- N-1377 (CT) USE OF ZINC DUMMY SLUGS TO PROTECT CATHODICALLY ALUMINUM-STAINLESS STEEL INTERFACE. (MUC-JED-59)  
July 11, 1944.  
By R. B. Hoxeng.
- N-1378 (CA) SAFEGUARDING MILITARY INFORMATION. (EIDMC-56 and Int. Bul. 5)  
May 24, 1944, and November 27, 1943.  
By W. B. Parsons and R. J. McLeod.
- N-1380 (CP) CALIBRATION OF A 14" ADP CRYSTAL PROJECTOR AX 63 #1.  
(OSRD 6.1-sr 1130-1187)  
November 16, 1943.  
By L. L. Foldy and F. H. Graham.
- N-1381 (CP) VISIT TO THE RADIOACTIVITY CENTER. (MUC-JAS-4)  
June 15 and 16, 1944.  
By J. A. Simpson, Jr.
- N-1382 (CT) SENSITIVITY OF SNIFFER TEST AND OTHER SLUG LEAK TESTS. (MUC-MF-4)  
July 1, 1944.  
By M. Foss.
- N-1383 This report is composed of a group of memoranda, letters, and reports dealing with SOLVENT EXTRACTION CONCENTRATION-ISOLATION PROCESS.
- N-1384\* (CA) LIST OF CHEMISTRY REPORTS. (MRL-JH-231)  
July 18, 1944.  
By J. M. Harding.
- N-1385 (CE) DETECTION OF LEAKS IN THE "W" HELIUM SYSTEM. (MUC-CEK-95)  
July 3, 1944.  
By A. C. Miller.
- N-1386 (CP-I) FACTORS AFFECTING COUNTING OF GAMMA RAYS. (MUC-NS-187)  
June 19, 1944.  
By R. P. Metcalf.
- N-1387 (CE) LOCAL OVERHEATING OF SLUG JACKETS DUE TO VARIATIONS IN SLUG DIAMETERS. (MUC-CEK-114)  
July 11, 1944.  
By S. G. Bankoff.

\* Limited.

- N-1389  
(CP) RADIATION DOSE FROM SLUGS COOLED 45 DAYS. (MUC-KW-22)  
July 18, 1944.  
By K. Way.
- N-1391\*  
(CK) PRODUCT ANALYSIS AND PURITY STANDARDS. (MUC-EBA-238)  
July 17, 1944.  
By E. B. Ashcraft.
- N-1392  
(CT) TOOLS TO REMOVE A STUCK SLUG. (MUC-EWB-235)  
By E. W. Brugmann.
- N-1394  
(CC) SEMI-WORKS PRODUCTION OF C-104 IN A MONEL BOX.  
CONTRACT W-7412-eng-151. (JWD-18)  
March 1, 1944.  
By R. C. Downing and J. A. Eckstein.
- N-1395  
(CC) DEAERATION AND FILM FORMATION AT W. (MUC-AMW-46)  
July 21, 1944.  
By A. M. Weinberg.
- N-1396  
(CT-C) WEEKLY REPORTS ON HOT DIP AND ELECTROPLATED COATINGS FOR  
PERIOD OF OCTOBER 20, 1943, TO JULY 26, 1944.  
By A. G. Gray, E. R. Boller, and A. S. Weygandt.
- N-1397\*  
(CS) COOLING OF POWER PILES. (MUC-FS-47)  
July 24, 1944.  
By F. Seitz.
- N-1398  
(CP) NEUTRON YIELDS FROM Be, Cu, Bi, Sr, and P IN THE 60-  
INCH CYCLOTRON.  
February, 1943.  
By H. P. Yockey.
- N-1402  
(CE) TEL-TALE GASES FOR TESTING THE PILE FOR PRESSURE  
TIGHTNESS. (LL-935 MUC-HCV)  
July 21, 1944.  
By H. C. Vernon.
- N-1403\*  
(CP) GRAPHITE TEMPERATURES IN THE PILE. (MUC-EPW-100)  
July 20, 1944.  
By E. P. Wigner.
- N-1404  
(CT) HARDNESS OF COMMERCIAL TUBALLOY. (MUC-FF-135B)  
July 10, 1944.  
By F. Foote.
- N-1406  
(CP) SARAN LINED WATER MONITORING CHAMBER. (MUC-FRS-3)  
July 26, 1944.  
By T. Feinberg and N. Wood.

\* Limited.

- N-1411  
(CT) REFRACTORIES SUPPLIED BY COOPERATING LABORATORIES.  
(MUC-JC-139)  
July 19, 1944.  
By J. Chipman.
- N-1412 This report is composed of a group of memoranda, letters  
and reports dealing with SLIME AND ALGAE IN COOLING  
WATER AT W.
- N-1413 This report is composed of a group of memoranda, letters,  
and reports dealing with MEASUREMENT OF TUBALLOY  
ISOTOPIC RATIO BY FISSION COUNTING.
- N-1415\*  
(CN) PRELIMINARY HMW SEPARATION PROCESS FLOWSHEET.  
June 21, 1944.  
By J. B. Work.
- N-1416  
(CP) MOTION PICTURES WITH W BORESCOPE. (MUC-GSM-134)  
July 29, 1944.  
By G. S. Monk.
- N-1417  
(CC) PLASTICS FOR SAMPLING CUPS. (MUC-REC-85)  
July 28, 1944.  
By J. P. Tordella and B. N. Houston.
- N-1418  
(CH) FUME REMOVAL SYSTEM FOR ALUMINUM-SILICON MELT POTS.  
July 27, 1944.  
By R. E. Clark.
- N-1419\*  
(CN) DISTRIBUTION OF NEPTUNIUM IN THE ISOLATION PROCEDURE.  
(MUC-GTS-887)  
July 27, 1944.  
By P. Fields.
- N-1420 This report is composed of a group of memoranda, letters,  
and reports dealing with PLASTIC OPTICS, AND RADIATION  
EFFECTS ON OPTICAL PLASTICS.
- N-1421 CANNING PROCESS DEVELOPMENT. WEEKLY REPORTS FOR PERIOD  
OF NOVEMBER 19, 1943, TO APRIL 6, 1944.
- N-1422 This report is composed of a group of memoranda, letters,  
and reports dealing with DUMPEY SLUGS FOR SHIELDING.
- N-1423\*  
(CN) MINUTES OF THE CONFERENCE HELD JULY 7, 1944.  
July 11, 1944.  
By W. C. Johnson.

\* Limited.

- N-1124\*  
(CN) PROCEDURE FOR EXTRACTION-DECONTAMINATION RUNS IN THE  
SEMI-WORKS USING W CONCENTRATION OF PRODUCT.  
July 27, 1944.  
By W. F. Underwood.
- N-1125  
(CC) ANALYSES OF A SAMPLE OF THORIA.  
July 17, 1944.  
By L. B. Arnold, Jr.
- N-1126  
(CC) PHYSICAL PROPERTIES OF TN-HNO<sub>3</sub>-Na<sub>2</sub>CF<sub>2</sub>O<sub>7</sub>-H<sub>2</sub>O-  
ETHER SYSTEM. (MUC-CEK-115)  
July 11, 1944.  
By G. W. Cressman.
- N-1127  
(CT) DEVICE FOR RELEASE OF GAS PRESSURE IN SLUGS. (MUC-MB-255)  
July 31, 1944.  
By M. Burton.
- N-1128  
(CH) METHOD FOR DETECTION OF SPILLED RADIOACTIVE MATERIALS  
ON LABORATORY DESKS. (MUC-MB-256)  
July 31, 1944.  
By M. Burton.
- N-1129  
(CH) ETUDE EXPERIMENTALE DES EFFETS BIOLOGIQUES DU POLONIUM  
INTRODUIT DANS L'ORGANISME. J. DE RADIOLOGIE ET  
D'ELECTROLOGIE 9:1-14 & 67-82: 1925.  
By A. Lacassagne, J. Lattes, and J. Lavedan (Tr.  
M. Nickson).
- N-1130\*  
(CS) TNX TECHNICAL SECTION PROGRESS REPORT FOR WEEK OF  
July 6-12, 1944.  
By W. E. Kirst.
- N-1131\*  
(CS) TNX TECHNICAL SECTION PROGRESS REPORT FOR WEEK OF  
June 28 to July 5, 1944.  
By W. E. Kirst.
- N-1132\*  
(CT) TECHNICAL DIVISION. (MUC-CMC-243)  
Summary progress report for month of July, 1944.  
By C. M. Cooper.
- N-1133\*  
(CS) TNX TECHNICAL SECTION PROGRESS REPORT FOR WEEK OF  
July 13 - 19, 1944.  
By W. E. Kirst.
- N-1134  
(CA) SAFEGUARDING MILITARY INFORMATION.  
March 15, 1944.  
By J. A. Ulio and G. C. Marshall.

\* Limited.

- N-1436 (CA) FORMS USED BY ML.
- N-1437 (CC) NOTE ON POSSIBILITY OF RADIATION-INDUCED CHEMICAL REACTIONS. (MUC-MB-258)  
August 2, 1944.  
By M. Burton.
- N-1438 This report is composed of a group of memoranda, letters, and reports dealing with INCREASING X PILE POWER.
- N-1439 This report is composed of a group of memoranda, letters, and reports dealing with DEGREE OF MIXING IN THE W ANNULUS.
- N-1440 This report is composed of a group of memoranda, letters, and reports dealing with EFFECTS OF RADIATION ON DICHROMATE.
- N-1441 This report is composed of a group of memoranda, letters, and reports dealing with CREEP OF ALUMINUM.
- N-1442 This report is composed of a group of memoranda, letters, and reports dealing with STACK DISPOSAL AT W.
- N-1443 This report is composed of a group of memoranda, letters, and reports dealing with FISSION ANALYSIS OF PRODUCT AT SITE W.
- N-1444 (CE) NOTE ON W CRUDE METAL STORAGE. (MUC-TDGE-433)  
August 5, 1944.  
By R. E. Clark.
- N-1446\* (CN-G) INTERCHANGE OF LETTERS REGARDING EXISTENCE OF TRIVALENT THORIUM. (MUC-FWHZ-37, MUC-FWHZ-45, MUC-PWS-32, MUC-PWS-39)  
July 7 to August 8, 1944.  
By W. H. Zachariasen and P. W. Selwood.
- N-1447 This report is composed of a group of memoranda, letters, and reports dealing with POST-WAR POSSIBILITIES OF NUCLEONICS.
- N-1448 This report is composed of a group of memoranda, letters, and reports dealing with PROTOACTINIUM AND IONIUM IN TUBALLOY ORE RESIDUES.
- N-1449 (CC) LETTER IN REGARD TO THE STABILITY OF THORIUM NITRIDE IN VACUUM AT TEMPERATURES UP TO 1450°C. (MUC-GD-21)  
August 8, 1944.  
By G. Derge.

- N-1450 (CN) STATISTICAL STUDIES OF COUNTING. (MUC-REC-73)  
July 10, 1944.  
By B. F. Butler.
- N-1451 This report is composed of a group of memoranda, letters,  
and reports dealing with DISPOSAL OF ACTIVE WASTES AT ML.
- N-1452 (CC) INVESTIGATION OF THE POLAROGRAPHIC OXYGEN DETERMINATION.  
June 17, 1944. ✓  
By A. L. Breen.
- N-1453 (CP) RADIATION INTENSITY AT END OF EXPERIMENTAL W TUBE.  
August 4, 1944.  
By M. C. Leverett.
- N-1454 (CP) LETTER REQUESTING ANALYSIS OF MATERIAL USED IN NEUTRON  
CROSS SECTION MEASUREMENTS. (MUC-HLA-36)  
August 5, 1944.  
By H. L. Anderson.
- N-1455\* (CN) SEPARATIONS DEVELOPMENT DIVISION.  
Report for month ending July 15, 1944.  
By O. H. Greager.
- N-1456 (CP) PRODUCTION OF COUNTER TUBES. (MUC-JAS-8)  
Report for period ending August 3, 1944.  
By J. G. Haines and associates.
- N-1457 This report is composed of a group of memoranda, letters,  
and reports dealing with DIE CAST COATINGS.
- N-1459\* (CS) TNK TECHNICAL SECTION PROGRESS REPORT FOR WEEK OF JULY 20 - 26,  
1944.  
July 27, 1944.  
By W. E. Kirst.
- N-1463 (CP) LETTER CONCERNING RESONANCE AND THERMAL NEUTRON CAPTURE BY 28 --  
MATERIAL FOR VELOCITY SELECTOR MEASUREMENTS. (MUC-HLA-34)  
August 4, 1944.  
By H. L. Anderson.
- N-1464 (CP) PROPOSED CIRCUIT FOR A NEON LAMP RADIATION METER. (MUC-WPJ-7)  
December 12, 1943.  
By W. P. Jesse.
- N-1467 (CT) TEMPERATURE OF SLUG AT TIME OF CANNING. (MUC-JPH-260)  
August 5, 1944.  
By J. P. Howe.

\* Limited.

- N-1468\*  
(CK) PROPOSED USE OF CERTIUM-FREE NATURAL RARE EARTH MIXTURES  
IN LANTHANUM FLUORIDE PROCESS. (MUC-FWS-34)  
July 24, 1944.  
By P. W. Selwood.
- N-1469 This report is composed of a group of memoranda, letters,  
and reports dealing with PROJECT PROBLEMS ON MAGNETIC  
CHEMISTRY.
- N-1472\*  
(CN) STANDARD BIPO<sub>1</sub> PROCESS DECONTAMINATION DATA. (ACH-MUC-50)  
July 31, 1944.  
By C. H. Holt.
- N-1473  
(CC) POSSIBLE METHODS FOR SEPARATION OF SAMARIUM. (MUC-FWS-41)  
August 11, 1944.  
By P. W. Selwood.
- N-1474  
(CT) TWO WELDED Zn-BONDED SLUGS, NUMBERS Z 738 AND Z 750, WHICH  
WERE VACUUM BUBBLE TESTED FOR LEAKS. (MUC-FF-138)  
July 17, 1944.  
By R. F. Parker and D. L. Schwartz.
- N-1475 This report is composed of a group of memoranda, letters,  
and reports dealing with Al-FIN BONDING PROCESS.
- N-1476\*  
(CK) ELECTRON STRUCTURE OF PRODUCT ATOM. (MUC-FWS-40)  
August 8, 1944.  
By P. W. Selwood.
- N-1477  
(CC) DRYING OF NITROGEN GAS.  
August 14, 1944.  
By M. Monet.
- N-1478  
(CC) DESTRUCTION OF ORGANIC CORROSION INHIBITOR IN CANAL BY  
RADIATION FROM SLUGS. (MUC-MB-264)  
August 15, 1944.  
By A. O. Allen.
- N-1479 This report is composed of a group of memoranda, letters,  
and reports dealing with HOT PIERCED T TUBING.
- N-1481  
(CP) STANDARDIZATION OF TERMINOLOGY AND USAGE IN  
INSTRUMENTATION.
- N-1482  
(CT) PROPERTIES AND STRUCTURE OF IRRADIATED ALUMINUM TUBING.  
(MUC-FF-127)  
July 1, 1944.  
By F. Foote.

\* Limited.

- N-1483  
(CT) CORROSION RESISTANCE OF COMPOUND REACTION LAYERS FORMED BETWEEN TUBALOY AND Al/Si BONDING LAYER OF SINGLE AND TRIPLE-DIP SLUGS. (MUC-FF-147)  
July 27, 1944.  
By C. Norbert and D. L. Schwartz.
- N-1484  
(CC) USE OF X PILE FOR THE PRODUCTION OF RADIOACTIVE MATERIALS FOR SCIENTIFIC AND TECHNICAL STUDIES. (MUC-SKA-509)  
February 25, 1944.  
By S. K. Allison.
- N-1487  
(CP) EQUATIONS FOR RESOLVING TIMES AND COINCIDENCE CORRECTIONS.  
August 12, 1944.  
By T. P. Kohman.
- N-1488  
(CP) RADIATION DANGER FROM CONTROL ROD COOLING WATER. (MUC-KW-24)  
August 11, 1944.  
By K. Way.
- N-1489  
(CT) METALLURGICAL HOHLRAUM.  
August 4, 1944.  
By L. B. Borst and M. Burton.
- N-1490  
(CT) REACTION TEMPERATURE IN BOMB REDUCTIONS OF  $\text{CoCl}_2$  WITH Ca. (MUC-GD-24)  
August 18, 1944.  
By G. Derge.
- N-1491  
(CT) WARP IN W-SLUGS. (MUC-FF-150)  
August 17, 1944.  
By F. Foote.
- N-1492  
(CT) REFRACTORY LINER FOR METAL TUBES. (MUC-GD-23)  
August 7, 1944.  
By G. P. Monet.
- N-1493  
(CT) THERMAL CONDUCTIVITY OF THORIUM. (MUC-HK-20)  
August 15, 1944.  
By H. Kratz.
- N-1494  
(CS) PROGRAM FOR PROCESS CHEMISTRY GROUPS AT HLW. (MUC-GTS-923)  
August 12, 1944.  
By J. E. Willard.
- N-1495  
(CT) ANODIC OXIDE COATS ON ALUMINUM. (MUC-RFW-20)  
By E. W. Rebol and R. Wehrman.

\* Limited.

- N-1496\*  
(CN) SEMI-WORKS OPERATION OF LOW ACIDITY AND UNMODIFIED  
B<sub>2</sub>O<sub>3</sub> DECONTAMINATION PROCEDURES. (MUC-GTS-957)  
August 22, 1944.  
By H. H. Hyman.
- N-1497  
(CT) REFRACTORIES FOR REDUCTION AND MELTING. (MUC-GD-25)  
August 21, 1944.  
By G. Derge.
- N-1498  
(CP-G) RADIATION INTENSITIES IN PROPOSED HOT LAB AT W. (MUC-TDGE-166)  
September 2, 1944.  
By G. F. Quinn.
- N-1501  
(CE) SYSTEMS FOR HANDLING ANHYDROUS HF AT X.  
August 9, 1944.  
By A. C. Cox.
- N-1502  
(CT) COPPER PLATED, CHROMIUM PLATED, ALUMINUM-SILICON DIPPED  
SLUGS. P.A.N. 154-ML-54-3D. (MUC-FF-153)  
August 5, 1944.  
By A. Mendelsohn.
- N-1503  
(CE) REMOVAL OF JAMMED SLUGS FROM THE PILE BY MEANS OF STEAM  
DISSOLUTION. (MUC-RNL-23).  
August 10, 1944.  
By R. M. Campbell.
- N-1504\*  
(CC) TRIP REPORT AND RESULTS. (MUC-GTS-922)  
August 11, 1944.  
By R. E. Heath.
- N-1505  
(CC-Rn) LETTER IN REGARD TO PILE MATERIAL TESTING PROGRAM AT W.  
(MUC-MB-275)  
August 31, 1944.  
By F. Seitz and M. Burton.
- N-1506  
(CC) LUMINESCENT PAINT PROBLEM. (MUC-MB-269)  
August 26, 1944.  
By M. Burton and B. Leaf.
- N-1507  
(CP) REFLECTIVITY OF ALUMINUM OXIDE. (MUC-SMD-3)  
August 19, 1944.  
By A. Cahn and S. H. Dancoff.
- N-1508  
(CH) NOTE ON PREVENTING SHOE CONTAMINATION BY PAINTING THE  
UPPERS. (MUC-ACH-62)  
August 23, 1944.  
By A. C. Hyde.

\* Limited.

- N-1509  
(CP) POLONIUM CONTENTS OF BRICKS IN THE X FILE.  
August 21, 1944.  
By L. W. Nordheim.
- N-1510  
(CC) SELECTIVE INDUCTION OF PRIMARY DECOMPOSITION PROCESSES.  
(MUC-MB-267)  
August 22, 1944.  
By M. Burton.
- N-1511  
(CT) FISH NET FLOATS. P.A.N. 154-ML-54-3. (MUC-FF-151)  
August 4, 1944.  
By R. F. Parker and D. L. Schwartz.
- N-1512  
(CE) RADIOACTIVITY HAZARD AT DISCHARGE END OF W FILE. (MUC-LAO-35)  
August 22, 1944.  
By L. A. Ohlinger.
- N-1513\*  
(CNQ) THE DETERMINATION OF ZIRCONIUM IN PROCESS SOLUTIONS.  
By A. F. Stehney and L. W. Safranski.
- N-1514  
(CP) PROGRESS REPORT ON A. C. ION CHAMBER. (MUC-FRS-5)  
August 18, 1944.  
By T. Feinberg.
- N-1515  
(CP) LETTER ON THE CROSS-SECTION FOR CHLORINE. (MUC-WHZ-25)  
August 23, 1944.  
By A. Wattenberg.
- N-1516  
(CC-G) CRYSTAL STRUCTURE OF THORIUM HYDRIDE. (MUC-WHZ-47)  
August 4, 1944.  
By W. H. Zachariason.
- N-1518  
(CA) LIST OF MATERIALS IN STOCK IN LABORATORY STOCKROOMS.  
August 29, 1944.  
By L. A. Kimpton.
- N-1519\*  
(CE-G) COMMENTS ON PRESENT STATUS OF SLURRY PILE. (MUC-MB-278)  
September 6, 1944.  
By R. H. Bradt.
- N-1520  
(CT-M) X-RAY INVESTIGATION OF VARIOUS SAMPLES OF REFRACTORIES.  
(MUC-WHZ-57)  
September 6, 1944.  
By W. H. Zachariason.
- N-1521  
(CP-G) TRANSPORT KERNEL FOR A BLACK CYLINDER. (MUC-AMW-48)  
August 4, 1944.  
By A. M. Weinberg.

\* Limited.

- N-1522 This report is composed of a group of memoranda, letters, and reports dealing with SPECIFICATIONS FOR ZINC BONDING.
- N-1524 (CP-G) INSTRUCTIONS FOR SETTING UP AND OPERATING THE THERMAL CONDUCTIVITY APPARATUS FOR GRAPHITE AS SHOWN ON DRAWINGS NUMBER D-297 AND DD-307. (MUC-MK-17)  
August 14, 1944.  
By H. R. Kratz and D. A. King.
- N-1525 (CP-G) PROGRAM FOR CURRENT EXPERIMENTS ON THE WATER LATTICE. (MUC-AMW-52)  
September 6, 1944.  
By A. M. Weinberg.
- N-1527 (CP-I) NEUTRON COUNTER. (MUC-GTS-969)  
August 29, 1944.  
By T. P. Kohman.
- N-1529 This report is composed of a group of memoranda, letters, and reports dealing with WEAKENING OF GLASS BY PRODUCT IRRADIATION.
- N-1530 (CT) STUDY OF THE FORMING PROPERTIES OF ALUMINUM ALLOY SHEET AT ELEVATED TEMPERATURES: PART V--DEEP DRAWING CUPS. FINAL REPORT.  
April 20, 1944.  
By D. M. Finch, S. Wilson, and J. E. Dorn.
- N-1532 (CP) TECHNIQUE USED BY THE FP ANALYTICAL GROUP FOR MOUNTING SAMPLES FOR BETA AND GAMMA COUNTING.  
August 16, 1944.  
By R. I. Martens.
- N-1533 (CC) WATER ANALYSIS COMPARISON. (MUC-EFS-93)  
August 24, 1944.  
By E. F. Story.
- N-1535 (CT) LABORATORY CANNING PROGRAM, W IMPLICATIONS. (MUC-CMC-253)  
August 21, 1944.  
By C. M. Cooper and A. B. Groninger.
- N-1536 This report is composed of a group of memoranda, letters, and reports dealing with METALLURGICAL PROJECT RECORD.
- N-1537 This report is composed of a group of memoranda, letters, and reports dealing with RADIATION FROM PILE TUBES.
- N-1538 (CT-C) ALUMINUM COATED STEEL FROM Al-Fin CORPORATION. P.A.N. 390-ML-54-S. (MUC-FF-161)  
August 30, 1944.  
By R. F. Parker and D. L. Schwartz.

- N-1541  
(CT-C) WELDING BY HELIARC PROCESS. (MUC-CMC-258)  
September 8, 1944.  
By C. M. Cooper.
- N-1542  
(CC-G) PHOSPHATE REFERENCE LIST--PART I. (MUC-WHZ-61)  
September 11, 1944.  
By R. C. L. Mooney.
- N-1543  
(CP-G) ON THE SIMULTANEOUS ACTION OF SEVERAL CONTROL RODS.  
August 28, 1944.  
By L. W. Nordheim.
- N-1544\*  
(CS-I(G)) TNX TECHNICAL SECTION PROGRESS REPORT FOR WEEK OF  
AUGUST 24-30, 1944.  
By W. E. Kirst.
- N-1545\*  
(CS-I(G)) TNX TECHNICAL SECTION PROGRESS REPORT FOR WEEK OF  
AUGUST 15-23, 1944.  
By W. E. Kirst.
- N-1546\*  
(CS-I(G)) TNX TECHNICAL SECTION PROGRESS REPORT FOR WEEK OF  
AUGUST 9-15, 1944.  
By W. E. Kirst.
- N-1547\*  
(CS-I(G)) TNX TECHNICAL SECTION PROGRESS REPORT FOR WEEK OF  
AUGUST 3-9, 1944.  
By W. E. Kirst.
- N-1548\*  
(CN-S) PROCEDURE FOR SEMI-WORKS  $K_2CO_3$  METATHESIS.  
August 15, 1944.  
By J. B. Sutton.
- N-1549\*  
(CN-S) RECENT DEVELOPMENTS ON W ISOLATION PROCESS. (MUC-GTS-998)  
September 11, 1944.  
By G. W. Watt.
- N-1550\*  
(CS-I(P)) EFFECT OF Al-Si DIE CAST SLUGS ON k OF W PILE. (MUC-AMW-49)  
August 22, 1944.  
By A. M. Weinberg.
- N-1551 This report is composed of a group of memoranda, letters,  
and reports dealing with CHEMISTRY OF 23.
- N-1552\*  
(CK-G) METHODS OF PREPARATION OF ALLOYS. (MUC-PA-6552, MUC-PA-6553)  
September 14, 1944.  
By J. A. Bryson.
- N-1555  
(CT-M) TRIP TO WOLVERINE TUBE DIVISION, AUGUST 22, 1944.  
August 28, 1944.  
By B. A. Kress.

- N-1556  
(CH) NOTE ON AIR SAMPLING FOR  $\alpha$ -EMITTERS. (MUC-FRS-7)  
September 12, 1944.  
By A. Pfanstiehl.
- N-1557  
(CT-C) ONE-INCH SNOT BLASTED SLUG COATED BY Al-Si DIE CASTING.  
SPECIMEN #884. (MUC-FF-160)  
August 25, 1944.  
By B. Sawyer and D. L. Schwartz.
- N-1559  
(CP-G) PRIMARY Ra E STANDARDS. (MUC-HLA-46)  
September 8, 1944.  
By H. L. Anderson and J. H. Roberts.
- N-1560\*  
(CN-S) ELIMINATION OF IRON BY REPRECIPITATION OF LANTHANUM  
FLUORIDE. (MUC-GTS-986)  
September 9, 1944.  
By J. R. Gilbreath.
- N-1561\*  
(CC-G) DATA SHEETS ON THE PROPERTIES OF FLUORINE AND  
HEX
- N-1565 This report is composed of a group of memoranda, letters,  
and reports dealing with NITROGEN CONTENT OF HELIUM AT W.
- N-1566  
(CT-C) COMMENTS ON Al-Si SLUG BLUEPRINTS. (MUC-GY-18)  
September 15, 1944.  
By G. Young.
- N-1568 This report is composed of a group of memoranda, letters,  
and reports dealing with TUBALLOY-MOLYBDENUM ALLOYS AND  
COATINGS.
- N-1569 This report is composed of a group of memoranda, letters,  
and reports dealing with ENRICHED PILES.
- N-1570  
(CP-G) DIFFUSION OF HELIUM THROUGH GRAPHITE. (MUC-MB-283)  
September 15, 1944.  
By M. Burton.
- N-1571  
(CT-C) RESULTS OF TESTS ON 107 H. E. W. PRODUCTION RUN SLUGS.  
(MUC-RWY-60)  
September 16, 1944.  
By R. W. Yancey.

\* Limited.

- N-1572  
(CT-M) ALPHA EXTRUSION OF T. (MUC-EC-137)  
September 20, 1944.  
By E. Creutz.
- N-1573  
(CT-C) EVALUATION OF ZYGLO TEST AS MEANS OF DETECTING PIN-POINT  
PENETRATION. (MUC-RWY-61)  
September 16, 1944.  
By R. W. Yancey.
- N-1574 This report is composed of a group of memoranda, letters,  
and reports dealing with CRYSTAL STRUCTURE OF TUBALLOY  
COMPOUNDS.
- N-1576\*  
(CP-G) RECOMMENDATION FOR USE OF CYCLOTRON MAGNET AND VACUUM  
SYSTEM FOR  $\alpha$ -PARTICLE SPECTROMETRY.  
September 20, 1944.  
By A. H. Snell.
- N-1579\*  
(CS-I(G)) TNX TECHNICAL SECTION WEEKLY REPORT FOR PERIOD OF  
SEPTEMBER 6-14, 1944.  
By W. E. Kirtz.
- N-1580\*  
(CS-I(G)) TNX TECHNICAL SECTION WEEKLY REPORT FOR PERIOD OF  
AUGUST 31 TO SEPTEMBER 5, 1944.
- N-1581  
(CT-M) METALLOGRAPHIC POLISHING OF TUBALLOY FOR GRAIN STRUCTURE  
DETERMINATION. (MUC-FF-148)  
August 17, 1944.  
By R. F. Parker and D. L. Schwartz.
- N-1583\*  
(CA-M) LIST OF PURE AND RARE CHEMICALS ON HAND. (MUC-LBA-542)  
September 26, 1944.  
By L. B. Arnold.
- N-1584  
(CP-I) BAKELITE-LINED PRESSURE CHAMBERS. (MUC-FRS-8)  
September 27, 1944.  
By T. Feinberg.
- N-1585 This report is composed of a group of memoranda, letters,  
and reports dealing with RADIATION EFFECTS ON GRAPHITE.
- N-1587 CONFERENCE ON TUBALLOY RECOVERY, SEPTEMBER 21-22, 1944.  
(MUC-TDGE-511)  
September 28, 1944.  
By J. B. Teps.
- N-1589  
(CP-G) EARLY PROBLEM ASSIGNMENT SHEETS IN PHYSICS.  
Approx. March, 1945.  
By H. W. Newson, H. L. Anderson, E. Fermi and S. K. Allison.

- N-1590  
(CP-G) WEEKLY PROGRESS REPORTS OF GROUP III IN PHYSICS:  
(a) March 9-14, 1942 and March 23-28, 1942;  
(b) March 30 to April 4, 1942;  
(c) April 6-11, 1942;  
(d) April 17, 1942;  
(e) April 20-25, 1942;  
(f) May 2, 1942.  
By M. D. Whitaker.
- N-1591  
(CA-M) SECRECY REGULATIONS & PRECAUTIONS.  
February 11 and August 1, 1942.  
By A. H. Compton and G. Breit.
- N-1592\*  
(CA-M) PERSONNEL DIRECTORY. ML. (MUC-RLD-34)  
April 12, 1943.  
By R. L. Doan.
- N-1593\*  
(CA-M) CHECK LIST FOR HELP IN PREPARING INDEX OF REPORTS.  
By J. A. Wheeler.
- N-1594  
(CP) REPORTS FOR WEEKS ENDING MARCH 28 AND APRIL 4, 1942.  
By J. A. Wheeler.
- N-1595  
(CP-G) PROGRESS REPORT ON THE APPLICATION OF BERYLLIUM TO THE  
TUBALLOY PROBLEM.  
May 9, 1941.  
By S. K. Allison.
- N-1596\*  
(CS-P) NOTES, MINUTES, AND RELATED DOCUMENTS ON CONFERENCES  
REGARDING POWER PLANT.  
February 19-24, 1942.  
By J. A. Wheeler.
- N-1597  
(CP-G) RADIOACTIVITY OF GRAPHITE REMAINING IN PILE (WIGNER)  
AND NOTE ON THE RADIOACTIVITY OF COOLING HELIUM (WIGNER  
AND FRIEDMAN).  
June 22, 1942.  
By E. P. Wigner and F. L. Friedman.
- N-1598  
(CP-G) ON THE NEUTRON-PROTON SCATTERING CROSS SECTION.  
December 21, 1942.  
By D. Bohm and C. Richman.
- N-1599  
(CP-G) PERIODIC INTENSITY OF A GOING PILE WITH A PERIODIC  
VARIATION OF  $k$ . (MUC-AC-4)  
October 2, 1944.  
By A. Cahn.

\* Limited.

- N-1600  
(CA-M) PROCEDURE FOR DESTRUCTION OF CLASSIFIED MATERIAL. (MUC-HCV-1153)  
September 29, 1944.  
By H. C. Vernon.
- N-1601  
(CT-C) ELECTROCHEMICAL CORROSION OF 72S-2S COUPLES.  
September 29, 1944.  
By R. B. Hoxeng.
- N-1602\*  
(CA-M) LIST OF RARE ELEMENTS OF INTEREST TO THE PROJECT. (MUC-LBA-548)  
September 30, 1944.  
By L. B. Arnold.
- N-1603  
(CC-G) PLASTICS FOR HIGH PRESSURE CHAMBER.  
September 27, 1944.  
By C. M. Cooper.
- N-1604  
This report is composed of a group of memoranda, letters, and reports dealing with SAFETY RULES AND PROCEDURES.
- N-1605  
(CT-C) TREATMENT OF COOLING WATER. (MUC-WWW-89)  
June 17, 1944.  
By J. R. Huffman.
- N-1608\*  
(CS) CONTINUANCE OF SEMI-WORKS OPERATIONS. (MUC-CMC-286)  
September 23, 1944.  
By C. M. Cooper and G. T. Seaborg.
- N-1609  
(CT-C) SUBSURFACE CANNING PROCESS.  
October 2, 1944.  
By J. P. Howe.
- N-1610  
(CP-G) POISONING OF PILE BY  $\text{Xe}^{135}$ . (MUC-WHZ-100)  
October 3, 1944.  
By W. H. Zinn.
- N-1611  
This report is composed of a group of memoranda, letters, and reports dealing with DEFECTS IN W SLUG METAL.
- N-1612  
(CP-G) ADVANTAGE FACTOR IN STUDIES OF RADIATION EFFECTS AT W. (MUC-MB-290)  
October 2, 1944.  
By M. Burton.
- N-1613  
(CC-G) STRUCTURE OF THORIUM OXALATES. (MUC-FWHZ-69)  
October 2, 1944.  
By W. H. Zachariasen.

\* Limited.

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- N-1614\*  
(CS-I(G))  
TNX TECHNICAL SECTION WEEKLY PROGRESS REPORT FOR WEEK OF  
September 15-19, 1944.  
By W. E. Kirst.
- N-1615  
(CT-C)  
METALLOGRAPHIC EXAMINATION OF RECENT NONTESTABLE ARGON  
WELDED CAN CLOSURES. (MUC-FF-188)  
September 9, 1944.  
By R. L. Reed and D. L. Schwartz.
- N-1616  
This report is composed of a group of memoranda, letters,  
and reports dealing with REMOTE CONTROL ANALYSIS PROCEDURES.
- N-1617\*  
(CN-G)  
THE THERMODYNAMIC PROPERTIES OF SOME FLUORIDES OF T AND  
PRODUCT. (MUC-GTS-1012)  
September 18, 1944.  
By N. R. Davidson.
- N-1619\*  
(CP-G)  
GAIN IN  $k$  OVER PRESENT  $W$   $k$  AS FUNCTION OF ROD RADIUS  
& AI END CAP THICKNESS. (MUC-AMW-54)  
October 6, 1944.  
By A. M. Weinberg.
- N-1620  
(CT-C)  
SUB-CONTRACT NEGOTIATION. (MUC-EC-117)  
October 4, 1944.  
By E. Creutz.
- N-1621\*  
(CN-An)  
STATISTICAL STUDIES OF COUNTING. PART III. [FOR PARTS I  
AND II SEE CC-1895 AND CC-2022]. (MUC-REC-107)  
September 4, 1944.  
By W. H. Johnston and C. A. Bennett.
- N-1622  
WEEKLY REPORTS ON ADDITIONS TO SITE X LIBRARY FOR THE PERIOD  
OF MAY 22, 1944, TO THE PRESENT.
- N-1624  
(CT-M)  
TRIP TO WOLVERINE TUBE DIVISION ON OCTOBER 4-5, 1944. (MUC-EC-150)  
October 6, 1944.  
By E. Creutz.
- N-1625  
(CT-C)  
ISOTOPES FOR RADIOACTIVE LEAK DETECTION. (MUC-EC-127)  
August 29, 1944.  
By E. Creutz.
- N-1626  
(CP-G)  
THE SLOWING DOWN PROCESS.  
[Anonymous].

\* Limited.

- N-1627  
(CP-I) SURVEY INSTRUMENT COMPARISON.  
September 5, 1944.  
By W. H. Ray.
- N-1628  
(CP-I)  $\alpha$ -CALIBRATION OF PLUTO.  
September 5, 1944.  
By W. H. Ray.
- N-1629  
(CP-I) EVALUATION OF VICTOREEN RADIATION METERS.  
September 6, 1944.  
By W. H. Ray.
- N-1630\*  
(CK-G) WORK OF THE PAST MONTH ON PURIFICATION AND METAL  
PRODUCTION. (MUC-GTS-766)  
June 15, 1944.  
By G. T. Seaborg.
- N-1631\*  
(CN-G) FUNDAMENTAL CHEMISTRY OF PRODUCT. (MUC-GTS-858)  
July 17, 1944.  
By G. T. Seaborg and associates.
- N-1632\*  
(CK-G) WORK OF THE MONTH ON PURIFICATION AND METAL PRODUCTION. (MUC-GTS-857)  
July 14, 1944.  
By G. T. Seaborg.
- N-1634\*  
(CS-P) GENERAL ENGINEERING SECTION: PROPOSED PROGRAM TO  
JANUARY 1, 1945. (MUC-TDGE-534)  
October 10, 1944.  
By J. O. Maloney.
- N-1635  
(CT-M) PREPARATION OF SYNTHETIC W METAL CONTAINING FISSION  
ELEMENTS--TYPE II. (MUC-FF-192)  
October 3, 1944.  
By F. Foote.
- N-1636\*  
(CS-I(G)) TNX TECHNICAL SECTION WEEKLY PROGRESS REPORT FOR WEEK OF  
September 20-26, 1944.  
By W. E. Kirst.
- N-1637  
(CT-C) METALLOGRAPHIC EXAMINATION OF HEAT TREATED DIE CAST SLUGS  
#132 AND 133. (MUC-FF-196)  
By R. L. Reed and D. L. Schwartz.
- N-1638  
(CH) OPERATING STANDARD SHEETS IN 300 SERIES.
- N-1639\*  
(CP-G) OPERATING STANDARD SHEETS IN 305 SERIES.

\* Limited.

- N-1640\*  
(CE) OPERATING STANDARD SHEETS IN 105 SERIES FILE  
OPERATING PROCEDURES, METAL HANDLING, ETC
- N-1641\*  
(CN-S) REVISED W FLOWSHEET.  
October 5, 1944.  
By J. B. Work.
- N-1642  
(CP-I) COMPARISON TEST OF "SNEEZY" AND PRECIPITATION.  
September 7, 1944.  
By T. W. Bloss.
- N-1643  
(CT-M) EXTRUSION BILLETS CONTAINING FISSION ELEMENTS. (MUC-FF-74)  
April 18, 1944.  
By F. Foote.
- N-1645  
(CP-G) RECENT INVESTIGATIONS ON THE TRANSMUTATIONS OF ATOMIC  
NUCLEI. ARTICLE FROM FYSICK TIDSKRIFT FOR 1941  
TRANSLATED BY G. BARLOW AND A. BOHR.  
By N. Bohr.
- N-1646  
(CP-I) OVERBECK RADIATION METER QUALITIES.  
September 6, 1944.  
By W. H. Ray.
- N-1647  
(CC-G) X-RAY EXAMINATION OF REFRACTORIES. (MUC-FWHZ-71)  
October 14, 1944.  
By W. H. Zachariassen.
- N-1648  
(CC-G) THORIUM NITRIDE. (MUC-FWHZ-72)  
October 14, 1944.  
By W. H. Zachariassen.
- N-1649  
(CT-C) THE CONTROL OF Al-Si PENETRATION INTO Al CAN. (MUC-FF-200)  
October 3, 1944.  
By R. L. Reed and D. L. Schwartz.
- N-1650  
(CT-C) PROPOSAL FOR DE-CANNING OF SLUGS & LAUNDERING OF LEAD  
BRICKS. (MUC-TDGE-539)  
By R. E. Clark.
- N-1651  
(CT-C) SURFACE CLEANING OF TUBALLOY BY EXPOSURE TO IODINE  
VAPOR. (MUC-FF-202)  
October 12, 1944.  
By M. Fine and D. L. Schwartz.
- N-1652  
(CC-G) IDENTIFICATION & LATTICE CONSTANTS OF  $FeH_3(PO_4)_2 \cdot 2H_2O$ . (MUC-FWHZ-73)  
October 16, 1944.  
By W. H. Zachariassen.

\* Limited.

- N-1653\*  
(CS-I(G))  
TNX TECHNICAL SECTION WEEKLY PROGRESS REPORT FOR WEEK OF  
SEPTEMBER 27 TO OCTOBER 3, 1944.  
By W. E. Kirst.
- N-1654  
(CT-C)  
PROPOSED NEW DESIGN FOR Al-Si BONDED CAN. (MUC-GY-19)  
October 16, 1944.  
By W. Karush and G. Young.
- N-1655  
PROJECT 9536. CMX--BUILDING 145.  
Weekly reports for periods from September 14, 1943, to  
October 30, 1944.
- N-1656  
This report is composed of a group of memoranda, letters,  
and reports dealing with TUBALLOY RECOVERY.
- N-1657\*  
(CS-I(G))  
TNX TECHNICAL SECTION WEEKLY PROGRESS REPORT FOR WEEK OF  
OCTOBER 5-10, 1944.  
By W. E. Kirst.
- N-1659  
(CT-C)  
REMOVAL OF Al CANS FROM Al-Si CANNED SLUGS BY CONTOUR  
MACHINE CUTS OF 5 MILS TO DETERMINE PENETRATION. (MUC-JHC-26)  
October 2, 1944.  
By R. W. Yancey.
- N-1660\*  
(CN-II)  
ESTIMATED TOLERANCE DOSES FOR PRODUCT.  
October 18, 1944.  
By J. G. Hamilton.
- N-1661  
"A" REPORTS ON CONTRACT W-7412-eng-129 FOR PERIODS OF  
JULY 16-31, 1944, TO DECEMBER 15-31, 1944.
- N-1662\*  
(CN-H)  
PROCEDURES FOR ALPHA CONTAMINATION CONTROL. (MUC-RSS-295)  
By [R. S. Stone?]
- N-1663  
(CC-G)  
PROPERTIES AND PURITY OF HEXONE. (MUC-TDGE-546)  
October 23, 1944.  
By J. B. Tepe.
- N-1664  
(CC-G)  
THE REMOVAL OF HF FROM C-216 (F2) BY PHYSICAL METHODS.  
PROBLEM REPORT ON CONTRACT W-7412-eng-9.  
June 8, 1944.  
By S. G. Turnbull, Jr.
- N-1666  
(CC-G)  
THE REACTION OF HF WITH SODIUM FLUORIDE--THE DESORPTION OF  
HF FROM SODIUM ACID FLUORIDE. PROBLEM REPORT ON CONTRACT  
W-7412-eng-9.  
May 25, 1944.  
By S. G. Turnbull, Jr.

\* Limited.

- N-1667  
(CC-G) THE VAPOR PRESSURE OF HYDROGEN FLUORIDE OF SOLUTION OF POTASSIUM FLUORIDE IN HYDROGEN FLUORIDE. PROBLEM REPORT ON CONTRACT W-7412-eng-151.  
July 15, 1944.  
By S. G. Turnbull, Jr.
- N-1668 This report is composed of a group of memoranda, letters, and reports dealing with PEBBLE PILES.
- N-1669  
(CT-C) TWO W SUBMARINE SLUGS COMPARED TO A SINGLE DIP SLUG.  
(MUC-FF-206)  
October 16, 1944.  
By B. Sawyer, and D. L. Schwartz.
- N-1670 This report is composed of a group of memoranda, letters, and reports dealing with H<sub>2</sub>O<sub>2</sub> PRODUCTION AT W.
- N-1671  
(CC-G) IDENTIFICATION AND CRYSTAL STRUCTURE OF STRONTIUM PHOSPHATES. (MUC-FWHZ-75)  
October 25, 1944.  
By W. H. Zachariason.
- N-1672  
(CP-I) PRELIMINARY REPORT ON THE "W" GEIGER-COUNTER RESEARCH PROGRAM. (MUC-WPJ-19)  
May 9, 1944.  
By J. A. Simpson, W. D. B. Spatz, and others.
- N-1673  
(CC-R) STANDARD  $\alpha$  AND  $\gamma$  ABSORPTION CURVES OF THE LONGER LIVED ISOTOPES. (MUC-NS-230)  
September 12, 1944.  
By R. P. Metcalf, W. Rubinson, J. Seiler, E. F. Steinberg, and L. Winsberg.
- N-1675  
(CT-M) TUBALLOY-CHROMIUM SYSTEM. (MUC-FF-211)  
October 26, 1944.  
By J. R. Clark.
- N-1676  
(CP-G) RESONANCE CAPTURE OF NEUTRONS BY TUBALLOY.  
By H. L. Anderson.
- N-1677 This report is composed of a group of memoranda, letters, and reports dealing with ALPHA DETECTION INSTRUMENT "SMEEZY".
- N-1678\*  
(CC-R) MEMO ON CHAIN 135. (MUC-NS-244)  
October 27, 1944.  
By N. Sugarman.

- N-1679  
(CP-I) SNOUT ATTACHMENT FOR "PLUTO." (MUC-BHW-50)  
October 26, 1944.  
By J. M. Dorsey.
- N-1680  
(CC-R) RADIOACTIVE XENONS.  
By C. S. Wu and E. Segrè.
- N-1681  
(CC-Rn) RADIATION EFFECT OF DRY BARIUM CHLORIDE DEPOSIT.  
(MUC-MB-298 and MUC-MB-299)  
October 28, 1944.  
By M. Burton, A. O. Allen, and J. A. Ghormley.
- N-1682  
(CP-G) GAMMA RADIATION FROM CRACK AROUND CONTROL ROD WHEN  
STUFFING BOXES REPLACE THIMBLES. (MUC-KW-32)  
October 30, 1944.  
By K. Way.
- N-1683\*  
(CA-M) ORGANIZATION CHART OF FOUR DIVISIONS OF ML. (MUC-HCV-1237)  
October 31, 1944.  
By H. C. Vernon.
- N-1684  
(CT-M) CERIUM AND RELATED METALS AS REDUCING AGENTS FOR TUBALLOY  
AND OTHER METAL OXIDES. (MUC-PA-6948)  
September 14, 1944.  
By J. A. Bryson.
- N-1685  
(CC-G) SOLUBILITY OF LANTHANUM PHOSPHATE. (MUC-NS-245)  
September 30, 1944.  
By H. Taylor and E. Motta.
- N-1686  
(CT-C) MODIFIED TOP DESIGN FOR Al-Si SLUGS. (MUC-GY-21)  
November 1, 1944.  
By G. Young and W. Karush.
- N-1687  
(CT-C) EXAMINATION OF 100 H.E.W. "SUBMARINE" CANNED SLUGS. (MUC-JHC-31)  
By R. W. Yancey.
- N-1688  
(CT-C) THE INVESTIGATION OF Al-Si PENETRATION OF ALUMINUM CANS BY  
USING A TRACER OF RADIOACTIVE GOLD IN THE EXCESS Al-Si BATH.  
(MUC-JHC-32)  
October 31, 1944.  
By R. W. Yancey.
- N-1689  
PERSONNEL LISTS OF THE TECHNICAL DIVISION FROM JULY 31, 1944,  
TO NOVEMBER 30, 1944.
- N-1690\*  
(CS-I(P)) RECOMMENDED RESEARCH ON FORMATION OF HEAVY ISOTOPES IN  
W PILE AND THEIR EFFECT ON SEPARATION PROCESSES. (MUC-GTS-1096)  
November 4, 1944.  
By G. T. Seaborg.

\* Limited.

- N-1691  
(CT-C) MODIFICATIONS IN Al-Si BONDED SLUG DESIGN. (MUC-DG-8)  
November 3, 1944.  
By D. Gurinsky and M. Foster.
- N-1692\*  
(CP-I) PROPOSED PROGRAM FOR ELECTRONICS DEVELOPMENT GROUP. (MUC-RJM-33)  
By I. Bloch.
- N-1693  
(CT-C) EXPERIMENTS ON TUBALLOY CONTAMINATION OF STORAGE BASIN  
WATER. (MUC-NG-3)  
November 3, 1944.  
By N. Goldowski and G. Sherman.
- N-1694  
(CT-C) EFFECT OF  $C1^{\circ}$  ON CORROSION OF 2S ALUMINUM. (MUC-NG-4)  
November 3, 1944.  
By N. Goldowski and G. Sherman.
- N-1695  
(CT-C) CORROSION RESISTANCE OF 61S-O, 61S-T, 61S-W, and 2S ALUMINUM.  
(MUC-NG-5)  
November 3, 1944.  
By N. Goldowski and G. Sherman.
- N-1696  
(CP-G) CAPTURE TO FISSION RATIO IN CYCLOTRON IRRADIATION COMPARED  
WITH PILE. (MUC-HLA-1)  
February 23, 1943.  
By H. L. Anderson.
- N-1697\*  
(CH) HEALTH REPORT. W-7401-eng-49. SECTIONS I, II, IIIA, IIIB.  
(MONTHLY REPORT No. 10)  
Report for month of September, 1944.  
By A. H. Dowdy, R. D. Beche, W. F. Bala, and H. C. Hodge.
- N-1698  
This report is composed of a group of memoranda, letters,  
and reports dealing with END CAP GRADING AS A MEANS OF SAVING k.
- N-1699  
(CC-An) STATISTICAL AND ANALYTICAL RESULTS OBTAINED IN PROCESS  
METHODS EVALUATION. (MUC-REC-165)  
October 31, 1944.  
By L. G. Ginger and C. A. Bennett.
- N-1700  
(CP-G) RADIATION DANGERS IN CONNECTION WITH DEVICE FOR REMOVING  
SLUGS AT CHARGING FACE. (MUC-KW-33)  
October 31, 1944.  
By K. Way.
- N-1701  
(CC-G) IDENTIFICATION AND CRYSTAL STRUCTURE OF  $Ce(PO_3)_4$  AND  $Th(PO_3)_4$ .  
(MUC-FWHz-82)  
November 7, 1944.  
By W. H. Zachariassen.

\* Limited.

- N-1702  
(CT-M) PRODUCTION, QUALITY, AVAILABILITY, AND PRICE OF  
COLUMBIUM METAL AND TANTALUM. (MUC-ABG-286)  
November 6, 1944.  
By A. B. Greninger.
- N-1703  
(CT-C) CORROSION OF T SPINNERS, COUPLED AND UNCOUPLED WITH  
2S Al. (MUC-NG-12)  
November 4, 1944.  
By N. Goldowski and G. Sherman.
- N-1704  
(CT-C) RELATIONSHIP BETWEEN pH AND CONDUCTIVITY IN DISTILLED  
AND W WATER. (MUC-NG-11)  
November 8, 1944.  
By N. Goldowski.
- N-1705  
(CT-C) THE CORROSION OF METALS AND THE EFFECT OF COUPLE ACTION  
IN A SPINNER SYSTEM. (MUC-NG-9)  
November 6, 1944.  
By N. Goldowski and G. Sherman.
- N-1706  
This report is composed of a group of memoranda, letters,  
and reports dealing with RECOVERY OF 37.
- N-1707\*  
(CN-S) ISOLATION STANDARD #3.  
October 12, 1944.  
By L. L. Larson.
- N-1708  
(CP-G) WEEKLY REPORTS.  
March 21 to April 25, 1942.  
By H. L. Anderson.
- N-1709  
(CT-C) THE USE OF ZINC FOR CATHODIC PROTECTION OF ALUMINUM  
TUBES AT THE STAINLESS STEEL END FITTING. (MUC-JED-141)  
November 10, 1944.  
By R. B. Hoxeng.
- N-1710  
(CP-I) TESTS ON STANDARD ALPHA COUNTERS. (MUC-GTS-1106)  
November 8, 1944.  
By O. C. Simpson, R. L. Seifert, and W. D. Erway.
- N-1711  
(CT-C) EXPERIMENTAL DATA ON THE GALVANIC CORROSION OF THE  
72S-2S ALUMINUM COUPLE. (MUC-JED-140)  
November 10, 1944.  
By R. B. Hoxeng.
- N-1712  
(CC-An) STATISTICAL TECHNIQUES APPLIED TO ANALYSIS OF DATA FROM  
COUNTING & FROM COLORIMETRIC ANALYSIS. (MUC-REC-166)  
By C. A. Bennett.

- N-1713  
(CC-R) TUBALLOY BY-PRODUCTS. DECAY CHAINS AND YIELDS. DETAILS OF DECAY PROCESSES. (MUC-NS-220)  
August 3, 1944.  
By E. L. Brady and A. Turkevich.
- N-1714  
(CT-C) CORROSION RESISTANCE OF CHEMICALLY TREATED HEAVY METAL. (MUC-NG-16)  
November 13, 1944.  
By N. Goldowski.
- N-1715  
(CP-I) A NEW WIDE ANGLE ALL-PLASTIC PERISCOPE. (MUC-GSM-166)  
November 14, 1944.  
By G. S. Monk.
- N-1716  
(CP-I) PROPOSED MODIFICATIONS OF  $BF_3$  PROPORTIONAL COUNTERS FOR OPERATION AT HIGH PRESSURES. (MUC-GTS-1116)  
November 13, 1944.  
By T. P. Kohman.
- N-1717\*  
(CS(HEW)) HEW TECHNICAL PROGRESS LETTER No. 14.  
Report for week of October 6-12, 1944.  
By S. J. Bugbee.
- N-1718\*  
(CS(HEW)) HEW TECHNICAL PROGRESS LETTER No. 15.  
Report for week of October 13-19, 1944.  
By S. J. Bugbee.
- N-1719  
See CC-2702.
- N-1720\*  
(CC-G) PROPOSED RESEARCH PROGRAM. (MUC-GTS-1107)  
October 19, 1944.  
By B. B. Cunningham.
- N-1721  
(CP-I) A MECHANICAL VELOCITY SELECTOR FOR NEUTRONS. (MUC-RJM-34)  
November 17, 1944.  
By I. Bloch.
- N-1722  
(CC-G) THE PREPARATION OF  $TF_6$  FROM  $TF_4$  AND  $O_2$ . (MUC-GTS-1118)  
November 14, 1944.  
By S. Fried and N. R. Davidson.
- N-1723  
(CP-G) END CAP TEMPERATURE CALCULATIONS. (MUC-GY-24)  
November 16, 1944.  
By W. Karush and G. Young.
- N-1724  
(CP-G) T TARGET FOR van de GRAAF GENERATOR.  
November 2, 1944.  
By M. L. Wiedenbeck.

\* Limited.

- N-1725  
(CC-Az) ANALYSIS OF THORIUM METAL SAMPLE. (MUC-AJD-28)  
November 25, 1944.  
By A. J. Dempster.
- N-1726  
(CP-I) HIGH FREQUENCY AMPLIFIER CIRCUIT. (MUC-GTS-1129)  
November 20, 1944.  
By G. T. Seaborg.
- N-1727\*  
(CS-P) SUGGESTION FOR PREPARATION OF N<sup>15</sup>. (MUC-EPW-128)  
November 20, 1944.  
By E. P. Wigner.
- N-1728\*  
(CN-S) CONDITIONS FOR FINAL TWO CYCLE RUNS.  
October 31, 1944.  
By W. Q. Smith.
- N-1730  
(CT-C) CANNING OF BISMUTH SLUGS. EQUIPMENT AND PROCESS.  
August, 1944.  
By H. M. Sawyer.
- N-1731\*  
(CP-G) PHOTO-NEUTRONS FROM T + Be. (MUC-WHZ-AW-47)  
November 22, 1944.  
By A. Wattenberg.
- N-1732  
(CP-I) DESIGN OF NEW VACUUM TUBE SUITABLE FOR USE IN  
HIGINBOTHAM SCALER.  
November 9, 1944.  
By F. Safford.
- N-1733\*  
(CP-G) ISOTOPIC ANALYSIS BY BETA COUNTING. (MUC-GTS-1138)  
November 24, 1944.  
By G. T. Seaborg.
- N-1734  
(CE) TELL-TALE GASES FOR TESTING THE PILE FOR PRESSURE  
TIGHTNESS.  
July 15, 1944.  
By R. H. Osterloh.
- N-1735  
(CP-G) CHART OF IONIZATION AS FUNCTION OF GAMMA RAY ENERGY  
IN AIR.  
May 26, 1943.  
By J. A. Wheeler.
- N-1736\*  
(CS-I(H)) HEALTH DIVISION PROGRAM AUTHORIZATIONS.  
(MUC-KSC-200 to MUC-KSC-323 and MUC-RSS-341)  
By R. S. Stone and associates.
- N-1737  
(CP-G) TRACER PRODUCTION BY CYCLOTRONS.  
November 22, 1944.  
By C. D. Coryell.

- N-1738\*  
(CS-I(G)) REFLECTION OF RADIO WAVES BY AN IONIZED ATMOSPHERE.  
November 22, 1944.  
By L. W. Nordheim.
- N-1739  
(CP-G) THE SLOW NEUTRON CROSS SECTIONS OF INDIUM, GOLD, SILVER,  
ANTIMONY, LITHIUM AND MERCURY AS MEASURED WITH A NEUTRON  
BEAM SPECTROMETER.  
By W. W. Havens, Jr.
- N-1740\*  
(CS-P) PROPOSED POSTWAR ORGANIZATION OF PROJECTS.  
(MUC-TDGE-579)  
November 29, 1944.  
By J. O. Maloney.
- N-1742  
(CP-G) TEMPERATURE EFFECTS ON CHARACTERISTICS OF TYPE 552 FILM.  
June 21, 1944.  
By R. F. Peterson.
- N-1743  
(CC-G) FLUORINATION OF HEXAFLUOROKYLENE WITH COBALT TRIFLUORIDE.  
June 1, 1944.  
By C. F. Irwin and R. G. Benner.
- N-1744\*  
(CN-An) ANALYTICAL DIVISION.  
Report for month ending November 30, 1944.  
By G. W. Struthers.
- N-1745\*  
(CS-I(G)) TECHNICAL DIVISION.  
Report for month ending November 20, 1944.  
By M. C. Leverett.
- N-1746  
(CC-G) THIS COMBINATION CONTAINS VARIOUS ORGANIZATIONAL CHARTS  
OF THE ML.
- N-1747  
(CC-G) IDENTIFICATION AND CRYSTAL STRUCTURE OF  $Pt(OH)_2$ .  
(MUC-FWHZ-88)  
December 2, 1944.  
By W. H. Zachariassen.
- N-1748  
(CP-G) SEARCH FOR REGULARITIES IN ACTIVATION CROSS SECTION. (MUC-KW-35)  
December 1, 1944.  
By K. Way.

\* Limited.

- N-1749\*  
(CH) CONTRACT W-7401-eng-49. (REPORT No. 12)  
Report for month of October, 1944.  
By R. Bochs, W. Bels, H. Hodge, and associates.
- N-1750\*  
(CC-G) MEMO ON VAPOR PRESSURE OF  $\text{TC16}$ .  
November 30, 1944.  
By A. S. Newton.
- N-1751  
(CP-G) REVIEW OF INFORMATION ON RESONANCE ABSORPTION. (MUC-SMD-7)  
November 3, 1944.  
By S. M. Dancoff.
- N-1752\*  
(CN-S) EVALUATION OF PEROXIDE PRECIPITATION AND HEXONE EXTRACTION  
METHODS FOR W ISOLATION. (MUC-TDGE-602)  
December 6, 1944.  
By R. E. Clark.
- N-1753\*  
(CN) INDEX TO T.D.G.E. FILE ON ETHER EXTRACTION.  
November 30, 1944.  
By J. O. Maloney ?
- N-1754  
(CP-G) DENSITY AND PURITY OF GRAPHITE, PROPOSAL FOR ZONING IN  
W PILE, ETC. (MUC-LAO-31, MUC-CH-1)  
November-December, 1943.  
By J. A. Wheeler, W. R. Huey, and E. V. Lewis.
- N-1755  
(CC-G) LATTICE CONSTANTS OF BERYLLIUM. (MUC-FF-228)  
November 29, 1944.  
By F. Foote and P. Gordon.
- N-1756\*  
(CH) RECOMMENDED PROGRAM OF RESEARCH ON BIOLOGICAL EFFECTS OF  
RADIATION AND ACTIVE MATERIALS. (MUC-RSS-351)  
December 5, 1944.  
By C. J. Watson.
- N-1757\*  
(CK-P) BREIT-WIGNER RESONANCE FORMULA CONSTANTS FOR 49 AND 85.  
(MUC-HCU-6)  
December 4, 1944.  
By H. C. Uchiyamada.
- N-1758  
(CT-C) EFFECT OF DIPPING TEMPERATURE AND TIME ON COMPOUND REACTION  
LAYER THICKNESS AND HARDNESS OF Al/Si BONDED SLUGS. (MUC-FF-230)  
October 17, 1944.  
By R. L. Reed and D. L. Schwartz.
- N-1759  
This report is composed of a group of memoranda, letters,  
and reports dealing with TPA EXTRACTION PROCESS.

\* Limited.

- N-1760 PERSONNEL LIST OF THE METALLURGY DIVISION FROM DECEMBER 1, 1944, TO MAY 1, 1945.
- N-1761 This report composed of a group of memoranda, letters, and reports dealing with SODIUM ALUMINUM SOLICATE COATINGS.
- N-1762  
(CT-M) EXISTING INFORMATION ON THE METALLURGY OF THORIUM.  
(MUC-FF-234)  
December 9, 1944?  
By P. A. Lauletta.
- N-1763  
(CP-I) TESTING OF COUNTER-SCALER UNITS FOR "STATISTICS."  
January 1, 1945.  
By R. R. Coveyou.
- N-1765  
(CC-G) CRYSTAL STRUCTURE OF  $Ba_3(PO_4)_2$  AND  $Sr_3(PO_4)_2$ . (MUC-FWHZ-90)  
December 13, 1944.  
By W. H. Zachariassen.
- N-1766  
(CT-C) COMPARISON OF SINGLE-DIP TO TRIPLE-DIP Al/Si PROCESS.  
(MUC-FF-233)  
July 31, 1944.  
By B. Sawyer and D. L. Schwartz.
- N-1767  
(CT-C) DATA ON CORROSION OF T OF USE IN CONNECTION WITH STORAGE BASIN PROBLEM. (MUC-EWB-329)  
By E. Bruggmann.
- N-1768  
(CA-M) PROGRAM FOR PILE PROBLEMS GROUP TO JANUARY 1, 1945.  
December 13, 1944.  
By G. W. Haldeman.
- N-1769  
(CP-I) "CHANG AND ENG" - FAST NEUTRON INTENSITY METER.  
December 8, 1944.  
By W. H. Ray.
- N-1770\*  
(CN-H) THE PROBLEM OF THE TOXICITY OF PRODUCT.  
December 14, 1944.  
By R. S. Stone.
- N-1771\*  
(CP-G) ANALYSIS OF LONG TERM POISONING EFFECTS PRESENTED BY FERMI.  
(MUC-NH-3072)  
December 11, 1944.  
By N. Hilberry.
- N-1773  
(CL-CT) PRELIMINARY DRAFT OF REVISED EDITION OF CHAPTER IX OF PROJECT HANDBOOK. (MUC-LLQ-4)  
July 18, 1944.  
By M. E. Howe.

- N-1774  
(CP-G) POSSIBLE EXPERIMENT TO DETERMINE CROSS SECTION OF RADIOACTIVE ISOTOPES WITH ODD NUMBERS OF NEUTRONS. (MUC-KW-36)  
December 20, 1944.  
By E. D. Cashwell.
- N-1775  
(CP-G) RESONANCE ABSORPTION OF T AT 2000° K. (MUC-SMD-12)  
December 20, 1944.  
By S. M. Dancoff.
- N-1776  
(CP-G) GRAPH OF THE CROSS SECTION OF CADMIUM FOR 0.01-0.6 ev NEUTRONS, ACCORDING TO DATA FROM VARIOUS SOURCES.  
(MUC-SMD-11)  
By S. M. Dancoff.
- N-1777\*  
(CA-M) INDEX OF MEMORANDA ISSUED DURING THE DECONTAMINATION STUDY PROGRAM, JUNE 1-DECEMBER 1, 1944.  
December 11, 1944. ["revised version issued April 1, 1945"]  
By R. R. Williams.
- N-1778  
(CP-G) DESIGN OF SPECIAL PERISCOPES FOR X. (MUC-GSM-173)  
December 21, 1944.  
By G. S. Monk.
- N-1779\*  
(CT-M) NOTES ON METALLURGY CONFERENCE, DECEMBER 14-15, 1944.  
(MUC-ABG-310)  
December 21, 1944.  
By P. Lauletta.
- N-1780\*  
(CS-P) THE ESTIMATED COST OF ENERGY PRODUCTION IN PILES.  
April 10, 1944.  
By R. Cornog.
- N-1781\*  
(CA-M) CODE SHEET OF TERMS USED IN REPORTS.  
December 26, 1944.  
By T. S. Chapman.

\* Limited.

- N-1782  
(CP-G) POSSIBILITY OF MEASUREMENT OF CROSS SECTION OF  $^{55}\text{Sr}$  IN FILE. (MUC-KW-37)  
December 22, 1944.  
By K. Way and E. D. Cashwell.
- N-1783  
(CC-R) STANDARD PROCEDURES FOR THE RADIOCHEMICAL ASSAY OF BARIUM.  
December 22, 1944.  
By D. N. Hume, C. M. Nelson, and W. F. Boldbridge.
- N-1784  
(CH) THE URINE EXCRETION OF NORMAL RABBITS. COMPT. REND. SOC. BIOL. 68, 691-3 (1910) (MUC-HG-923)  
By E. and J. Gautrelet (tr. M. Taylor).
- N-1785\*  
(CF) APPARATUS FOR MEASURING THE ENERGY DISTRIBUTION OF NEUTRONS IN THE REGION  $10^3$  TO  $10^5$  e.v.  
By T. M. Snyder.
- N-1786  
(CP-G) LOSS FOR Si-T ALLOYS. (MUC-CMC-322)  
November 24, 1944.  
By C. M. Cooper.
- N-1787  
This report is composed of a group of memoranda, letters, and reports dealing with PURITY OF 23 SAMPLE USED BY MAY AND ANDERSON.
- N-1788\*  
(CK-P) PROPOSED EXPERIMENT ON FISSION OF PRODUCT BY SLOW NEUTRONS. (MUC-AJD-40)  
By A. J. Dempster.
- N-1789\*  
(CC-G) PROGRESS REPORT ON CHLORIDES AND METAL PRODUCTION.  
July 1, 1943.  
By C. A. Kraus.
- N-1790\*  
(CP-G) THE CONCENTRATION OF DEUTERIUM OXIDE BY VAPOR PHASE CATALYTIC EXCHANGE AT LOW PRESSURES. FINAL REPORT ON CONTRACTS OEM no 407 AND OEM sr-166 SUPPLEMENT 2.  
December 16, 1942.  
By A. K. Redcay.
- N-1792\*  
(CF) THRESHOLDS FOR FAST NEUTRON FISSION IN THORIUM AND TUBALLOY.  
March 18, 1942.  
By J. E. Hill, W. E. Shoupp, and F. W. Stallman.
- N-1793  
(CH) RADIUM HAZARDS.  
June 25, 1942.  
By R. G. Elson.

\* Limited.

- N-1794\*  
(CC-G) REDUCTION OF T HALIDES TO METAL BY METALLIC SODIUM.  
October 23, 1942.  
By R. Rosen.
- N-1795\*  
(CC-G) THE ANALYSIS OF C-216 - APPLICATIONS TO C-216 PRODUCTION  
AND USE. PROBLEM REPORT ON CONTRACT W-7412-eng-151. (JWD-34)  
October 22, 1944.  
By S. G. Turnbull, Jr., and R. C. McHarness.  
WITH APPENDICES: "THE DETERMINATION OF HF IN C-216, VAPOR PRESSURE  
METHOD", MAY 28, 1944; AND "THE ANALYSIS OF 'C-216 CONVERTED  
GAS'", MAY 31, 1944.
- N-1796\*  
(CS-I(C)) TECHNICAL DIVISION. REPORT FOR PERIOD OF  
November 20 to December 20, 1944.  
By M. C. Leverette.
- N-1798\*  
(CC-An) ANALYTICAL DIVISION. REPORT FOR MONTH ENDING  
December 30, 1944.  
By G. W. Struthers.
- N-1802  
(CC-G) CRYSTAL STRUCTURE OF  $PbHPO_4$ . (MUC-FWHZ-93)  
December 28, 1944.  
By W. H. Zachariasen.
- N-1803  
(CP-G) TYPES OF MASS SPECTROGRAPHS. (MUC-AJD-43)  
December 29, 1944.  
By A. J. Dempster.
- N-1806\*  
(CS-F) COMPLETE LISTING OF EXPERIMENTS ON ANIMALS AND  
ASSOCIATED PROBLEM ASSIGNMENT NUMBERS. (MUC-KSC-184)  
Revised as of December 26, 1944.  
By [E. S. Cole?]
- N-1808  
(CT-M) SUGGESTION FOR PROGRAM ON METALLURGY OF THORIUM. (MUC-JC-102)  
April 18, 1944.  
By J. Chipman.
- N-1809\*  
(CK-G) GAS EVOLUTION FROM PRODUCT SOLUTIONS FOR SHIPMENT. (MUC-MB-208)  
May 2, 1944.  
By M. Burton and A. O. Allen.
- N-1810  
(CP) INVESTIGATION OF NUCLEAR REACTIONS AND SCATTERING  
PRODUCED BY NEUTRONS.  
May 29, 1944.  
By R. E. Schreiber.
- N-1811  
This report is composed of a group of memoranda, letters,  
and reports dealing with ROLE OF ADRENOTROPIC HORMONE IN  
LYMPHATIC SYSTEM.
- N-1812  
(CC-R) 90 HOUR ISOTOPE OF Cb. (MUC-NS-279A)  
January 11, 1945.  
By N. Sugarman.

- N-1813  
(CP-G) NUCLEAR REACTIONS IN THE PHOTOGRAPHIC PLATE.  
May 29, 1941.  
By W. A. Miller.
- N-1814 See CC-2656.
- N-1815\*  
(CP-G) PROGRESS REPORT ON PHOTOFISSION OF T. (MUC-SMD-15)  
January 9, 1945.  
By S. M. Danceff and H. M. Koch.
- N-1816 MINUTES OF ADMINISTRATIVE COUNCIL MEETINGS FROM DECEMBER 27,  
1944, TO FEBRUARY 22, 1945.
- N-1817 This report is composed of a group of memoranda, letters,  
and reports dealing with CRYSTAL STRUCTURE OF NEPTUNIUM  
COMPOUNDS.
- N-1820  
(CA-M) ML SECURITY MANUAL.  
January 1, 1945.  
By Security Committee.
- N-1821\*  
(CS-I(C)) RECOMMENDATIONS FOR PROGRAM OF HIGH TEMPERATURE HEAT  
CAPACITY MEASUREMENTS, AND BIBLIOGRAPHY OF WORK DONE.  
(MUC-GTS-1274)  
January 13, 1945.  
By G. T. Seaborg.
- N-1822  
(CP-G) METHOD FOR THE INVESTIGATION OF SUBSTANCES WITH THE  
AID OF NEUTRONS.  
July 7, 1942.  
By H. I. Kallman, et al. (U. S. Patent No. 2, 288, 717)
- N-1823  
(CP-G) SCATTERING OF PHOTO-NEUTRONS OF DIFFERENT ENERGIES BY  
ATOMIC NUCLEI. BULLETIN OF ACADEMY OF SCIENCE OF U.S.S.R.,  
VOL. 4, p. 317, 1940. Photostat of original filed with  
translations  
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(CC-G) DETERMINATION OF NONVOLATILE CONTENT OF R-CHLORIDES  
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