

Loc: B037/02/1-B037/08/4
Archives Accession: 72A2265
Job No: 4NN-326-87-001

RG 326
Atomic Energy Commission

Oak Ridge Operations Office

Technical Files of the
Tennessee Eastman Corp.
1942-1947

028
Entry 040
Boxes 1-399

REQUEST TO TRANSFER, APPROVAL, AND RECEIPT OF RECORDS TO NATIONAL ARCHIVES OF THE UNITED STATES

(See Instructions on reverse)

| | | | | |
|----------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------|---------------------------------------------------------------------------------------------------|--------------------------------------------------------|
| | | LEAVE BLANK | | RG |
| | | UNIT | DATE RECEIVED | UNIT |
| | | JOB NUMBER 44-326-87-1 | | JOB NUMBER |
| 1. TYPE OF ACTION | 2. TO | | 3. UNIT THAT CREATED THE RECORDS | |
| <input type="checkbox"/> A. OFFER OF UNSCHEDULED RECORDS | <input type="checkbox"/> A. RECORDS DISPOSITION DIVISION MAILING ADDRESS: GENERAL SERVICES ADMINISTRATION (NCD) WASHINGTON, DC 20408 | | A. AGENCY OR ESTABLISHMENT Manhattan Engineer District | |
| <input checked="" type="checkbox"/> B. TRANSFER OF SCHEDULED RECORDS | <input type="checkbox"/> B. NATIONAL ARCHIVES MAILING ADDRESS: GENERAL SERVICES ADMINISTRATION (NND) WASHINGTON, DC 20408 | | B. MAJOR SUBDIVISION Oak Ridge Operations Office | |
| | <input checked="" type="checkbox"/> C. REGIONAL ARCHIVES FEDERAL ARCHIVES AND RECORD CENTER GENERAL SERVICES ADMINISTRATION 1557 St. Joseph Avenue East Point, Georgia 30344 | | C. MINOR SUBDIVISION | |
| 4. CURRENT LOCATION OF RECORDS | <input checked="" type="checkbox"/> A. AGENCY SPACE (Give location) US Department of Energy, P. O. Box E Oak Ridge, Ta. Bldg. 2714 | | D. NAME OF UNIT Tennessee Eastman Corporation | |
| | <input type="checkbox"/> B. FEDERAL RECORDS CENTER (Identify center and FRC accession no. and enter location) | | E. NAME OF PERSON WITH WHOM TO CONFER ABOUT THE CONTENT OF THE RECORDS Bill J. Hatmaker | |
| | | | | F. TELEPHONE (Include area code) 615-576-102 |
| | | | | G. REQUESTED TRANSFER DATE |

5. RECORDS DATA

A. DESCRIPTION OF RECORDS (Give overall title of records, individual documents, dates, and attach Standard Form 135, if records are now in FRC. Continue on separate sheet of paper, if necessary.)

SF 135 ATTACHED: **Technical (declassified) records generated by Tennessee Eastman Corporation under Contract No. W-7401-Eng-23 1942-1947**

SEPARATE SHEET(S) ATTACHED

| | | |
|----------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| B. EST. VOLUME cu. ft. 137 | C. ARE RECORDS SUBJECT TO PRIVACY ACT? (If yes, cite agency system number and P.R. volume and page number for most recent notice and attach a copy) Yes. DOE-5, DOE-15, DOE-33, DOE-43, DOE-52, 47 F.R. No. 64 (applicable pages attached) (April 2, 1982). | D. SPECIFIC RESTRICTIONS TO BE IMPOSED (Include justification and cite statute or FOI exemption that authorizes such restrictions) 5 U.S.C. § 552(b)(6) authorizes the withholding of personnel and medical files and similar files the disclosure of which would constitute a clearly unwarranted invasion of personal privacy. |
| E. RECORDS CONTROL SCHEDULE/ITEM NO. OR APPRAISAL JOB NO. DOE-1324.2 RS/016, 5. A. | F. AGENCY REMARKS | |

6. STATEMENT OF AGENCY REPRESENTATIVE

The records described above and on the attached pages are hereby offered for deposit with the National Archives of the United States in accordance with 44 U.S.C. 2103. It is agreed that these records will be administered in accordance with the provisions of 44 U.S.C. Chapter 21, 41 C.F.R. 101-11.11, 41 C.F.R. 105-61, and such other rules or regulations as may be prescribed by the Administrator of General Services or the Archivist of the United States. Unless specifically stated otherwise, there are no restrictions on the use of these records other than the general and specific record group restrictions on the use of records in the National Archives of the United States that have been published in 41 C.F.R. 105-61.53 or in the Guide to the National Archives of the United States. The Archivist of the United States may destroy, donate, or otherwise dispose of any containers, duplicate records, unused forms, blank stationery, looseleaf print, or processed material, or other nonrecord material in any manner authorized by law or regulation without further consent of this agency. I certify that any restrictions specified by this agency on the use of these records are in conformance with the requirements of 5 U.S.C. 552 and that I am authorized by the head of this agency to act for the agency on matters pertaining to the disposition of agency records.

| | | | |
|---------------------------------------|-------------------------------------------------|---------------------------------------------------------------------------------|---------|
| A. SIGNATURE OF AGENCY REPRESENTATIVE | B. TITLE Departmental Records Officer | C. MAILING ADDRESS 1000 Independence Ave. SW Washington, DC 20585 | D. DATE |
|---------------------------------------|-------------------------------------------------|---------------------------------------------------------------------------------|---------|

7. ACTION TAKEN BY NATIONAL ARCHIVES AND RECORDS SERVICE, GENERAL SERVICES ADMINISTRATION

| | | | | | | | |
|---------------------------------------------------------------------------------------------------|----------------------|------|------|----------|------|------|----------------------|
| A. ACTION <input checked="" type="checkbox"/> APPROVED <input type="checkbox"/> DISAPPROVED | B. NARS CONCURRENCES | | | | | | C. FOR NARS USE ONLY |
| | INITIALS | UNIT | DATE | INITIALS | UNIT | DATE | |
| | | | | | | | |

D. NARS REMARKS REGARDING DISPOSITION/SHIPPING

| | | | |
|------------------------------------------------------------------------|---------------------------|-----------------------------------------|-----------------------------|
| SIGNATURE OF NARS AUTHORIZED REPRESENTATIVE <i>Harold P. Peters</i> | | F. TITLE <i>Director</i> | G. DATE <i>4/18/86</i> |
| B. RECORDS RECEIVED NARS DEPOSITORY | A. DATE <i>4/18/86</i> | B. SIGNATURE <i>Harold P. Peters</i> | C. TITLE <i>Director</i> |

| | | | |
|----------------------------------------------------------------------------------------------|----------------------------------------|--------------------------------------------------|--------------------------------|
| STANDARD FORM 135 JULY 1961 EDITION GENERAL SERVICES ADMINISTRATION 48 CFR 101-11.4 | RECORDS TRANSMITTAL AND RECEIPT | TO BE COMPLETED AT FEDERAL RECORDS CENTER | |
| | | ACCESSION NO. 72A2265 | RECORD GROUP NO. 326 |

| | | |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------|----------------------------------------|
| INSTRUCTIONS Send original and two copies to appropriate Federal Records Center. EXCEPTION —Send original and three copies to the Alexandria, Virginia, Center | SIGNATURE <i>[Signature]</i> | DATE RECORDS RECEIVED 5-2-72 |
| | TITLE <i>[Title]</i> | |

| | |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------|
| FROM: (Name and address of Agency transferring records) U. S. Atomic Energy Commission Oak Ridge Operations Office P. O. Box E, Oak Ridge, Tennessee 37830 | TO: Federal Records Center, GSA 1557 St. Joseph Avenue East Point, Georgia 30044 |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------|

1. CITE SECURITY CLASSIFICATION AND/OR RESTRICTION ON USE OF RECORDS, IF ANY
UNCLASSIFIED (Access limited to the Official Use of U. S. AEC employees)

| | | | | | |
|---------------------------------|-------------|-----------------------------|-----------------------|------------------------|--------------------------------------|
| 2. SQUARE FEET OF SPACE CLEARED | | 3. FILING EQUIPMENT EMPTIED | | | 4. CUBIC FEET OF RECORDS TRANSFERRED |
| A. OFFICE | B. STORAGE | A. FILE CABINETS (No.) | B. TRANS. FILES (No.) | C. SHELVING (Lin. Ft.) | |
| | 22.8 | | | 228 | 228 |

| | | |
|-----------------------------------------------------------------|-------------------------------------------|-------------------------------------------------|
| 5. NAME OF AGENCY CUSTODIAN OF RECORDS A. L. Mayfield | 6. BUILDING AND ROOM NO. 2714-H | 7. TELEPHONE NO. 483-8611 Ext. 3-4586 |
|-----------------------------------------------------------------|-------------------------------------------|-------------------------------------------------|

8. MAY THE RECORDS BE DESTROYED AS SCHEDULED WITHOUT FURTHER AGENCY CONCURRENCE? YES NO

| | | |
|-------------------------------------------------------------------------------|---------------------------------------------------|-----------------------------------|
| 9. AGENCY OFFICIAL SIGNATURE <i>[Signature]</i> R. A. Evans, Jr. | 10. TITLE Chief, Office Services Branch | 11. DATE April 28, 1972 |
|-------------------------------------------------------------------------------|---------------------------------------------------|-----------------------------------|

| | | |
|-----------------|-----------------------------------------------------------------------------------------------------|---------------------------------------------------|
| 12. BOX NUMBERS | 13. DESCRIPTION OF RECORDS WITH INCLUSIVE DATES (Show organizational component creating records) | 14. DISPOSAL AUTHORITY (Schedule and Item No.) |
|-----------------|-----------------------------------------------------------------------------------------------------|---------------------------------------------------|

4NN-326-87-01
504r,
main aisle

| BOX NUMBERS | DESCRIPTION OF RECORDS WITH INCLUSIVE DATES (Show organizational component creating records) | DISPOSAL AUTHORITY (Schedule and Item No.) |
|-------------------------|------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------|
| 1 thru 137 | Technical (declassified) records generated by Tennessee Eastman Corporation under Contract No. W-7401-Eng-23 1942-1946 | Indefinite |
| 138 thru 170 | Technical (declassified) records generated by Linde Air Products under Contract W-7401-Eng-14, W-26-021-Eng-46 and AT(30-1)-165, Slip No. 1426 | " |
| 171 thru 228 | U. S. AEC, ORO, (declassified) Engineering and Construction Directives. | " |

~~Retention period~~
~~Pending -Records~~
~~Involved in~~
~~litigation.~~
~~Disposal authority~~
~~will be supplied~~
~~when available.~~

1. TO (Complete the address for the appropriate records center serving your area)
 Federal Archives and Records Center
 General Services Administration
 1557 St. Joseph Avenue
 East Point, Georgia 30344

2. AGENCY TRANSFER AUTHORITY
 TRANSFERRING AGENCY OFFICIAL (Signature)
 Larry G. Blalock, Chief, Logistics Management and Services Branch
 DATE 9/28/86

3. AGENCY CONTACT
 TRANSFERRING AGENCY LIAISON OFFICIAL (Name, office and telephone No.)
 Bill Hatmaker, Logistics Management and Services Branch 615-576-1043

4. RECORDS CENTER RECEIPT
 RECORDS RECEIVED BY (Signatures and title)
 DATE

U. S. Department of Energy
 Oak Ridge Operations Office
 P. O. Box E
 Oak Ridge, Tennessee 37831
 Attn: Bill Hatmaker

Fold line

RECORDS DATA

| ACCESSION NUMBER | | VOLUME (inc. fl.) | AGENCY BOX NUMBERS | SERIES DESCRIPTION (with inclusive dates of records) | DISPOSAL AUTHORITY (Schedule and form number) | DISPOSAL DATE | COMPLETED BY RECORDS CENTER | | |
|------------------|-----|-------------------|--------------------|----------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------|---------------|-----------------------------|----------|-----|
| RG | FY | | | | | | NUMBER | LOCATION | BY |
| (a) | (b) | (c) | (d) | (e) | (f) | (g) | (h) | (i) | (m) |
| 326 | 4M | 137 | 1-137 | Technical (Declassified) Records generated by Tennessee Eastman Corp. Under Contract No. W-7401-Eng-23 for The Manhattan Engineering District /AEC | DOE-1324.2 RS/16, 5.a Permanent | | | | |

ANN-326-87-01

TEC BOX #1

Box 1

1. Engineering and Maintenance Division - 1944
2. Electrical Division - 1944
3. Correspondence, Electroplating Plant - 1943
4. Correspondence, Electroplating Plant #3 - 1944
5. Progress Reports/Kodak - 1944-46
6. Dr. McNally Conferences - 1944-45
7. Anode, Copper, Internal Drawing C10c - 10,856 - 1944
8. Plant Design, Electroplating, Source Material and Information - 1943-44
9. Standard Charge Location 9204-2 - 1944
10. Standard Charge Location 9204-2 - 1945
11. Standard Charge Location - Building 9204-1 - 1945
12. Charge Consumption 9204-1 - 1945
13. Charge Consumption 9204-2 - 1945
14. M. Washing Company 9204-2 - 1944-45
15. 9204-1 Inventory - 1945
16. 9204-1 Inventory - 1944
17. Authorized Procedure Memos - 9/21/44
18. 1.4 Dr. C. B. Mathen Sublimation Points & Correspondence - 1943.
19. B.13 Changes Bldg. 9204-1 - 1944
20. B.1.14 Standard Runs - 1944
21. D1.1 Bldg. 9204-3 General - 1944
22. I 1.2 Office Procedures - 1944
23. I 1.3 Operation Instructions and Procedures - 1944
24. E1.1 Building 9731.XBX - 1943
25. H1.7 Group Assignment - 1944
26. K1.1 Reports - 1944

TEC BOX #1

27. K1.3 Special Tests - 1944
 28. L1.1 Requisitions Office Supplies - 1944
 29. Monthly Progress Reports - 1944
 30. Tuballoy in Gunk - 1944
 31. Exp. 9204-1 - 1944
 32. Miscellaneous - 1943-44
 33. Kellex Conference - 1944
 34. Centrifuge Method - 1944
 35. Analytical Cleanup dAta - 1944
 36. Weekly Production Bal. Report - 1944
 37. Unit Washington Analysis - 1945
 38. Unit Wash Analysis - 1945
 40. Chemical Refining - 1944
-
- Box 2*
41. Progress Reports - 1944
 42. Standard Charge Location - 1944
 43. Standard Charge Location CD3645 - 1945
 44. CD 3564 Standard Charge Location - 1944-45
 45. Dept. 186 M. L. Piker A1.2 Monthly Reports - 1946 ..
 46. A2.5 H. W. Winkler - 1945-46
 47. A2.1 M. C. Wiest - 1946
 48. B1.2 Memos from Little - 1946
 49. B1.2 Memos from Little - 1946
 50. B1.1 General - 1946
 51. C1.2 Memos from Reece - 1946
 52. D1.1 General - 1946

TEC BOX #1

53. D1.2 Memos from Smith - 1946
54. E1.2 Memos from Moore - 1946
55. G1.0 Air-Borne Losses - 1945-46
56. G1.1 Analytical - 1946
57. G1.3 Authorized Signatures - 1946
58. G1.3A "BC" Dept. 185 Memo. - 1946
59. G1.8 Conferences and Meetings - 1946
60. 185 Dept. Meeting - 1946
61. Chemical Division - 1946
62. G1.9 Conference - Chemical - Refining - 1946
63. G1.10 Cost Codes - 1945-46
64. G1.11 Costs - 1946
65. G1.19 Housekeeping - 1946
66. G1.22 Instruments - 1946
67. G1.23 Inventory - 1946
68. G1.25 Losses - 1946
69. G1.27 Miscellaneous - 1946
70. G1.27A Monitors - 1946
71. G1.29 Organizational Charts - 1945-46
72. G1.35 Production Control - 1946
73. G1.36 Questionable Charge Rejections - 1946
74. G1.38 Records - 1946
75. G1.39 Req. Beta Term. Report - Ref. - 1946

76. G1.44 Security - 1946
77. G1.42 Safety - 1946

TEC BOX #1

78. G1.43 Salvage - 1946
79. G1.43A Salvage Progress Report - 1946
80. G1.46 Stock - 1946
81. G1.50 Circulted BR's - 1945-46
82. H1.2 General - 1946
83. H1.3 H. W. Winkler - 1946
84. 11.4 General - No Date
85. J1.1 Memos from Patterson - 1946
86. J1.3 D.2 - Elliott - 1946
87. B1.4a Costs - 1944
88. B1.2 Approval Cards - 1944
89. B1.46 Detection Instruments - 1944
90. B1.4 Changes 9204-1 - 1944
91. B1.8 General 9204-1 - 1944
92. B1.14 Management Memos - 1944
93. B1.15 Monthly Report (Supplements) - 1944
94. B1.18A Spills - 1944
95. B2.4 J. W. Morfitt - 1944
96. B2.14 H. W. Winkler - 1944
97. G1.2 Conferences - 1944
98. G1.2B Miscellaneous Memoranda - 1944
99. H1.2 A. E. Ballard - 1944
100. H1.2A H. R. Brigham - 1944
101. H1.3A Interdepartmental Memoranda - 1944
102. H1.6 J. W. Moyer - 1944

TEC BOX #1

- 103. H1.8 Refining Division - 1944
- 104. H1.9 E. A. Smith - 1944
- 105. H1.10 Technical Inspectors - 1944
- 106. H1.11 W. P. Vandusen - 1944
- 107. I1.3 Health and Safety - 1944
- 108. I1.7 Personnel Lists TEC - 1944
- 109. I1.8 Merit Ratings - 1944
- 110. I1.9 Operating Group Assignments - 1944
- 111. I1.12 Salary Rate Authorizations - 1944
- 112. A1.2 Dept. Organization - 1945
- 113. A2.3 Memo from T. H. Little - 1945
- 114. A2.1 General - 1945
- 115. A2.2 Maintenance - 1945
- 116. A2.4 Memos to T. H. Little - 1945
- 117. A1.3 Monthly Reports - 1945-46
- 118. A2.5 Progress Reports T. H. Little - 1945
- 119. Beta Recovery - 1945

- Box 4* 120. B1.1 R. F. Hunt - 1945
- 121. C1.3 Memos from J. S. Reece - 1945
- 122. D1.1 9204.3 Changes - 1945
- 123. D1.2 Maintenance - 1945
- 124. D1.3 Memos from T. A. Smith - 1945
- 125. G1.1 Bldg. 9201-5 - 1945
- 126. H.1.1 Agreement to Heed Procedures - 1945
- 127. H1.1A Air-Borne Losses - 1945

TEC BOX #1

- 128. H1.4 Authorized Signature - 1945
- 129. H. 5A Charge Material - 1945
- 130. H1.8 Conferences and Meetings - 1945-46

TEC BOX #2

1. CD-2713 23/A to 26/A - 1945
2. CD-4016 38/A - 1945
3. CD-4017 45/A - 1945
4. CD-4019 38/A - 1945
5. Cd-4020 37/A - 1945
6. CD-4021 38/A - 1945
7. CD-4023 38/A - 1945
8. CD-4030 39/A - 1945
9. CD-5403 2/A - 1945
10. CD-5404 3/A - 1945
11. CD-5405 CD5406, 2/A - 1/A - 1945
12. CD-5407 1/B - 1945
13. CD-5850 4/A - 1945
14. CD-5819 4/A - 1945
15. B-0.340.1 51/A - 1945
16. B-3.381.1 4/A - B-3.381.2 4/A - 1945
17. C-1.360.2 33/A - 1945
18. C-1.360.3 28/A - 1945
19. CD-2258 3/A - 1945
20. CD-2384 5/A - 1945
21. CD-2391 18/A - 1945
22. CD-2712 22/A to 26/A - 1945
23. CD-2257 6/A - 1945
24. CD-5402 2/A - 1945
25. CD-5023 12/A - 1945
26. CD-5025 2/A - 1945

TEC BOX #2

- 27. CD-5020 5/A - 1945
- 28. CD-4723 6/A - 1945
- 29. CD-4706 5/A - 1945
- 30. CD-4035 37/A - 1945
- 31. CD-4033 39/A - 1945
- 32. CD-4032 38/A - 1945
- 33. CD-4031 38/A - 1945
- 34. CD-2382 6/A - 1945
- 35. CD-2279 8/A - 1945
- 36. CD-2275 1/A - 1945
- 37. CD-2274 1/A - 1945
- 38. CD-2273 1/A - 1945
- 39. CD-GS-37 38/A - 1945
- 40. CD-GS-38 38/A - 1945
- 41. ~~CD-GS-38 38/B - 1945~~

BOX

- 42. CD-GS-39 39/A - 1945
- 43. CD-315 27/A - 1945
- 44. CD-313 2/A - 1944
- 45. CD-335 27/A - 1945
- 46. CD-1906 9/A - 1944
- 47. CD-2220 14/A - 1945
- 48. CD-2242 41/A - 1945
- 49. CD-2247 2/A - 1945
- 50. CD-2248 2/A - 1945
- 51. CD-2250 2/A - 1945

TEC BOX #2

52. CD-2259 38/A - 1945
53. CD-2270 35/A - 1945
54. 2.16 Warnock, Sampling - 1945
55. 3.4 General - No dates
56. 3.3 Codes - No dates
57. 3.6 Job Description - 1945
58. 4.4 Safety Reports - 1945
59. 1.4.1 Emergency Plan - 1945
60. 2.10 Precision and Accuracy Studies - 1945
61. 1.3 Bldg. 9207 (Blue Prints) - 1944
62. 1.12 Meetings - 1945
63. 3.9 Salary Rates Authorized - 1945
64. 4.7 Index Numbering Code - 1945
65. 2.9 Methods of Analyses - 1945
66. 1.24 Training School - 1945
67. Memorandum (Issued) 1.13 - 1945
68. 1.21.2 Chemical Store Catalog - 1945
- ~~69. 1.14 Memorandums Received - 1945~~
70. H1.47 Security - 1945
71. H1.47 Security - 1945
72. Memo's - 1945
73. Job Description - Dept. 186 Marian DeWitt - 1944
74. I.2 General - 1945
75. I.3 Group Assignments - 1945
76. I.6A Salary Rates Authorized - 1945

TEC BOX #2

77. J.1.1 Memos from Patterson A. E. Ballard - 1945
78. Memos to A. E. Ballard J1.2 - 1945
79. J1.3 H. R. Bingham - 1945
80. J1.5 C.D. Hull - 1945
81. J1.6 Refining Division - 1945
82. J1.6A Refining Oper. - 1945-46
83. J1.8 D. W. Stewart - 1945
84. K1.3 Work Requisitions (By No. 2) - 1945
85. 2.14 Time Requirements for Analysis - 1945
86. 1.15 Organization Charts - 1944-45
87. 2.1 Assay - 1945
88. 2.2 Backlog (Memos) - 1945
89. 2.5 Compositing - 1945
90. 2.6.1 Hydrogen Peroxide - 1945
91. 2.11 Records, Requisitions, etc. - 1945
92. Piker Physical Inventory - 1945 - (1000 Beta Recycle Physical Inventory Procedure - Material Balance Procedures)
93. H1-32 Miscellaneous - 1945
94. H1.35 Precipitation - 1945
95. H1.36 Procedures (Operation) - 1944-45
96. H1.38 Production Control - 1945
97. H1.45 Safety - 1945
98. H1.46 Salvage - 1945-46
99. Clark's Secret Documents - 1945

① H1.89 — H1.29

TEC BOX #3

Box 7

1. Statistical Summary of Operations and Production - 1944
2. (Original) Statistical Summary Operations and Production - 1944
3. August - December Weekly Termination Report - 1944
4. April - July Weekly Termination Report - 1944
5. Statistical Summary Operations and Production - 1944
6. (Original) Statistical Summary 16-19 Operations of Production - 1944
7. C-1.365. 36/A - 1945
8. C-1.375.3 48/A - 1945
9. C-3-300.1 38/A - 1945
10. C-3.300.2 27/A - 1945
11. C-3.381.7 9/A - 1945
12. C-3.385.3 39/A - 1945
13. C-4.360.9 32/A - 1945
14. C-4.360.9 32/A - 1945
15. C-4.360.2 36/A - 1945
16. C-4.360.3 36/A - 1945
17. C-4.360.1 34/A - 1945
18. C-4.290.1 6/A - 1945
19. CD-213 15/A - 1945
20. CD-2244 4/A - 1945
21. CD-2253 22/B - 1945
22. CD-2228 23/A - 1945
23. 1.2 Bldg. 9733-3 & 9733-4 - 1945
24. 1.3 Bldg. 9207 (Letters) - 1945
25. 4.1 Spare Monthly Reports - 1945
26. 4.2 Monthly Reports - 1945

Box 8

TEC BOX #3

27. 4.5 Steering Committee - 1945
28. Foremen - 1945
29. I.6 Expense Statements - 1945
30. Samples Analytical Monthly Reports and Miscellaneous Correspondence
1944-45
31. Samples, Analytical Monthly Reports and Miscellaneous Correspondence
1944-45
32. How Sheets - Department 180 - Bldgs. 9202 and 9201 - 1945
33. Weekly Run Statistics - 1945 - A-2
34. Weekly Run Statistics - 1945 - A-1
35. Weekly Run Statistics - 1945 - A-3
36. Weekly Run Statistics - 1945 - A-4
37. Weekly Run Statistics - 1945 - A-5
38. Weekly Run Statistics - 1945 - A-6
39. Weekly Run Statistics - 1945 - A-7
40. Weekly Run Statistics - 1945 - A-1

41. Weekly Run Statistics - 1945 - A-9
42. Weekly Run Statistics - 1945 - A-9
43. Weekly Run Statistics - 1944 - A-2
44. Weekly Run Statistics - 1944 - A-3
45. Weekly Run Statistics - 1944 - A-4
46. Weekly Run Statistics - 1944 - A-5
47. Weekly Run Statistics - 1944 - A-6
48. Weekly Run Statistics - 1944 - A-8
49. Weekly Run Statistics - 1944 - A-7

50. Weekly Termination - July - December 1945

TEC BOX #3

51. Weekly Run Statistics - 1944 - A-9

52. Alpha Weekly Termination Reports - January - June 1945

TEC BOX #4

1. Miscellaneous Reports - 1944
2. Critical Material Inventory - 1943
3. Control Point Correspondence - 1944
4. KRX Graphs (Operating Manual - Department 181 - Master Copy) - 1946

- Bx 10* 5. Inventory of Units (Process Division) - 1945
6. Beta Assays and Analyses - 1945
7. Alpha Gloria Exp. "E" - No Date
8. BXCR 1-75 - 1945
9. BXCR 22 - 1945
10. Inventory Data - 1943-45
11. 1st PQ. Alpha - 1944-45
12. 3rd Pd. Work Reports Alpha - 1945
13. 4th Pd. Track Reports - 1945
14. Material Receipts - Chemical #723 - 1944-45
15. 4th Period Quantitative Reports - 1945
16. 2nd Pd. Alpha Work Reports - 1945
17. Track Reports 1-2-3-4-5 - 1945
18. Production Report for 2nd Pd. 9201-2-3-4-5 - 1945
19. Physical Inventory 3rd Pd. - 1945

- Bx 10* 20. 5th Period Physical Inventory - 1945
21. 5th Period Quantitative Reports - 1945
22. Physical Inventory 4th Pd. - 1945
23. 6th Pd. Inventory - 1945
24. Alpha 10th Period Physical Inventories - 1944
25. Alpha Chemistry - 1944
26. Miscellaneous - Memo's - 1945

TEC BOX #4

27. Alpha Quantitative Report Bottling Department - 1944
28. Bottling - 1945
29. 7th Pd. Inventory - 700 - 1945
30. Physical Inventory 1st Pd. - 1945
- ~~31. Physical Inventory 2nd Pd. - 1945~~
- Box 11* 32. 11th Period Inventories (Physical) - 1944
33. 6th Period 1944 - Physical Inventory - 1944
34. 30.61 E. Orlemann Monthly - 1945
35. M.P.R. - Individual - C.A.C.D. - 1944-45
36. Chemical 931-C Charge - 1945
37. B Material - 1944
38. Sublimation Reports (900 Recycle) - 1945
39. Bulk Treatment Reports 900 Recycle - 1945
40. Liquid Phase Reports 900 Recycle - 1945
41. 800 Recycle Physical Inventories - 1945
42. 900 Recycles Office Copy 3rd wk. 6th Pd. - 1945
43. Physical Inventory 900 7th Pd. - 1945
44. Finished 700 & 900 Weekly Inv. - 1945
45. Physical Inventories 900 Cycle 5th Pd. - 1945
46. 900 Recycle Alpha Tracks - 1945
47. Finished Weekly Reports 900 Recycle - 1945
48. 900 Recycle 7th Period, 1st wk. - 1945
49. 900 Recycle Sublimation 7th Period - 1945
50. 900 Recycle Bottling and Bottle Washing - 7th Period - 1945
51. 900 Recycle Alpha Chem. Conversion - 1945

TEC BOX #4

~~52. 373 Batches 950-999 - 1945~~

53. 375 Batches 41-2009- 1945

54. 376 Batches 146-250 - 1945

55. 700 Recycle 6th Period, 3rd Week Office Inv. File - 1945

56. 900 Recycle 7th Period, 2nd Week Office File - 1945

57. Alpha Conversion Material Account - 7/15/45

58. 4th Wk. Office Copy 6th Pd. 900 Recycle - 1945

59. 4th Wk. 6th Pd. Office Copies - 1945

60. 900 Recycle S.R. 7th Period - 1945

61. 900 Recycle 7th Period, 4th Wk. Office File - 1945

62. 7th Period - 4th Wk. - 1945

63. 7th Pd. - 3rd Wk. - 1945

64. 7th Pd. - 2nd Wk. - 1945

65. 7th Pd. - 1st Wk. - 1945

66. 700 Recycle for Week Ending 7/1/45

67. 700 Recycle for Week Ending 7/1/45

68. 700 Recycle for Week Ending 6/24/45

69. 900 Recycle Week Ending September 1, 1945 - 3rd of the 9th Period

70. 900 Recycle Week Ending September 1, 1945 - 3rd of the 9th Period

71. A.C.A. Reports - 1945

72. 900 Recycle Week Ending August 25, 1945 - 2nd of the 9th Period

73. 900 Recycle Week Ending August 18, 1945 - 1st of the 9th Period

74. 900 Recycle Week Ending August 25, 1945 - 2nd of the 9th Period

75. 900 Recycle Week Ending August 4, 1945 - Inv. and Report 2nd of 8th Period

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76. 900 Recycle Week Ending August 4, 1945 - 3rd of 8th Period
77. 900 Recycle 7th Period, 3rd week - Office File - 6/30/45
78. Weekly Report 900 Recycle 1st week of 8th Period - 1945
79. Acc. 8th Period 700 - 1945
80. Bottling and Bottle Washing 700 8th Period - 1945
81. 700 Recycle for Week Ending 7/14/45
82. Track Reports - 1945
83. 700 Sublimation 8th Period - 1945
84. Bulk Treatment 700 8th Period - 1945
85. 700 Recycle 3rd week - 8th Period - 8/4/45
86. 900 Recycle Week Ending August 11, 1945 4th of 8th Period
87. 700 Recycle 2nd week - 8th Period - 7/28/45
89. Period Inventories - 1944
90. Ref. Rec. 31st MB 5/20/45 - 6/6/45 - 6/27/45
91. Waybill Classification - 1945
92. Beta Recycle Inventory Procedure - No data
93. Miscellaneous Records - 1945
94. Miscellaneous - 1945
95. Current - Warfare Classification - 1945
96. Mattie F. Cheatham - 1945

BOX 13

TEC BOX #5

1. Manufacturing Experiments - 1944
2. Alpha Recovery - Misc. - 1943
3. Memo from Management - 1944
4. Weekly Meetings - 1944
5. Training - No Date
6. Supervisory Conferences - 1943
7. P-20010-CP (Triple Thickness Viewing Fall Carbons) - 1944
8. Records - E.A. Smyth - 1944
9. Storage Vault - 1943
10. Miscellaneous - 1944
11. XAX - 1944
12. Disassembly of the E. End - 1944
13. III - Electrochemical Services - 1943
14. Experiments and Tests in Process Division - 1944
15. Liquid Phase Charge Material - 1944
16. Manufacturing Experiments Meetings - 1944
17. Misc. Annual Reports - 1943
18. Coulometer Readings - 1944-45
19. Viewing Face Q Carbons Moved Back to Original Positions X-9 - 1944
20. RMB/CD2-5274 Richard M. Galbreath - 1945
21. S-50 - 1944
22. DZE/CD (DZ Elliot - Chem. Div.) - 1944-45
23. EIDMU-132-6 - 1944-45
24. EIDM 0-27-A MS - 1944
25. DZE-CD2 - Elliott's Memos, etc. - 1945
26. C.S.C.'s Bldgs. 9201, -2, -3, -4, -5 by Bromley - 1944

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27. DH-1 (1100 Material - B Recycle Material) - 1945
28. D Special #29 Characteristics of Pluto - 1944
29. DWS-PM - (Shipments - Analysis for T and Miscellaneous Correspondence) 1944-45
30. Eng. 15W-SAW-A - 1945
31. MXL-ACS-#1 AC Schmidt - 1945
32. DEM-1 Oran E. Miller - 1945
33. PD-PROC-NO-43 ADCaley - 1945
34. PE-2355 - 1944-45
35. Dr. J. C. Hecker's Annual Progress Report for Process Division - 1944
36. PM-(Dr. J. C. Hecker) - 1945

- 2x14 37. CPM-MPR's - 1944-45
38. EMT/CD's Vapor Phase Reactor Reports - 1945
39. FTH-10 Chemical Technical Seminars - 1944
40. Listing of Classified Documents - 1945
41. ETH-11 Chemistry Seminar Notes - 1945
42. ETH-16 Chemistry of T - 1944
43. GAA-A/CM-27 George A. Akin - 1945
44. JES-CD/9 - 1945
45. JHW - (J. H. Webb) - 1945
46. JM-104 - 1944-45
47. JMG-CD-6670 (J. M. Googin) - 1945
48. JPB-a - 1944-45
49. J.R. C. 27-ML-44 - 1945
50. JWM Alpha II Recovery Meeting - 1944-45
51. LEB-CD-6501 Loyd E. Barnes - 1945

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52. Med-171 J. M. DallaValle (Medical) - 1945
53. (LGW - 1945
54. Letter - 1944
55. P.R.O.'s Recovered Material from Extraction Residues (Ether) - 1944-45
56. P.R.P. #2 Primary Recovery Production - R. P. Seven - 1945
57. RDO DPSS - Statistics Summary - Daily - 1944.
58. RJS/CD2 - 1808 Effluent Salvage, Bldg. 9211 - 1944-45
59. RJS/CD₂ - 1830 - 1944-45
60. Special Messengers - (Analytical Specimens to Bldg. 2714) - 1944-45
61. SR-225 John Rogers - 1945
62. TE-ID #211 - Invention - F. A. Smyth - 1945
63. WAC-a - 1945
64. WJH-a - 1944
65. WLL - List of Special Reports, Technical Library - 1944-45
66. PD-PROC-NO-43 A. D. Caley - 1945
67. WM-700's F. R. Conklin - 1944-45
68. WRB:a - W.R. Burton - 1945
69. XL.50.6.4 Alpha Recovery Mueller - 1945
70. Emergency Plan - 7/3/45
71. A. E. Cameron - 1945
72. D. W. Stewart - 1945
73. L. E. West - 1945
74. B. W. Bromley - 1945
75. Miscellaneous - 1945
76. L. G. Warren - 1945

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77. Procedures in Effect - 1944-45
78. Miscellaneous - 1944-45
79. Safety - 1945
80. Security - 1945
81. Report of Steering Committee Meeting on Technical Training - 1943-45
82. Engineering - General - 1945
83. M. L. Piker - 1945
84. E. A. Smith - 1945
85. J. L. Patterson - 1945
86. F. R. Conklin - 1945
87. B-0 Chemical Prod. Mgr. DC Hull - 1945
88. S-185's - 1945
89. 1 Analytical - 1945
90. TEC Reports - 1944
91. AB-CD-S - Alan Bell - 1945
92. C-D 191.360 GP Hopp and UE Cameron - 1945
93. Inventory Breakdown - 1945
94. CD-185 - RRR's - 1945
95. Med's - Sterner, DallaValle, etc. - 1945
96. 2.21 Rejected Charges - 1945
97. 3.6 PSW Data - 1945
98. 2.1 Alpha Charge Quality Statistics - 1945
99. 3.11 X-Laboratory Results - 1945

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100. 3.1 IBM Procedures - No dates

101. 60.1 Official Memos - 1945

102. 60.2 - Shipments - Chemicals - 1945

103. 70.1 Boston Correspondence - 1943

104. Ralph Berner - 1945

TEC BOX #6

1. 4.3 Insulator Reports - 1944-45
 2. 4.30 Dept. 184 Staff Reports - 1945
 3. 3.9 Salvage - 1944-45
 4. 3.8 Refining Recovery - 1945
 5. 3.1.2 material Balance Data - 1945
 6. 3.4 Miscellaneous - 1945
 7. 2.4 Refining Chemical Coordination- 1945
 8. 3.3 Metallurgy - 1945
 9. 4.2 Beta Design Meeting - 1944-45
 10. 4.7 Sump Progress Reports - 1944-45
 11. 4.83 Drying and Calcining of Tuballoy Oxide, Parts A, B, C - 1945
 12. 4.82 Beta Hexafluoride Conversion Parts I, II and III - 1945
 13. 4.84 Tuballoy Peroxide, Parts III and IV - 1945
 14. 4.9 Used Summary of Terminations 9201-3 - 1944-45
-
- 17 15. 4.8 TEC Reports - 1945
 16. 2.2 Bad Charge - 1945
 17. 1.2 Assay - 1945
 18. 1.12 Analytical Tests - 1945
 19. 1.11 Analytical Results - 1945
 20. 1.5 Special Analyses from Wilcox - 1945
 21. 1.3 Charge Bottle Residue Analyses (Correspondence) - 1945
 22. 2.11 Beta Charge Quality Statistics - 1945
 23. 4.5 Process Efficiency Runs - 1945
 24. 4.22 Beta Operations Reports - 1945
 25. 4.4 Pilot Plant Development Report - 1943-44
 26. 3.2 Meetings - 1944

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27. 3.1.1 Inventory - 1945
28. 3.0.1 Beta Flow Sheet
29. 3.0 Cadmium in Beta Recycle - 1945
30. 2.3 Special Charge Tests - 1945
31. 40.1 - Prints - 1943
32. 4.92 Used Summary of Terminations 9201-5 - 1944-45

- 18 33. 4.91 Used Summary of Terminations 9201-4 - 1944-45
34. 4.93 Used Summary of Terminations 9204-1 - 1944-45
35. 4.94 Used Summary of Terminations 9204-2 - 1944
36. 70.4 XA Correspondence - 1942-43
37. 70.2 - P.I. Correspondence - 1943-45
38. 70.3 Salvage Bulding Correspondence - No date
39. Alpha - 1945
40. 80.3 Miscellaneous - 1945
41. 80.2 Personnel - 1945
42. Listing of Classified Documents - 1945
43. Book - Record of Standard Charges Investigation on Basis of Track-Operation - 1945
44. Book - "Record of Special Charges - 9204-3" - 11944-45
45. Book - "CEW-TEC Standard Assay Methods" - 1945
46. Library Rept. List Hanson - 1944-45

- 19 47. D. W. Stewart - "Alpha II Training Manual" - 7/44
48. D. W. Stewart - A1b = "H.V. Cubicle and Elec. Circuites" - 1944
49. "Cacmium in Beta Recycle" - No date
50. Beta Chemical Div. Operational Flowsheet - 1945
51. 40.4 Divisional - 1944-45

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- 52. Analytical Answers - 1944-45
- 53. Correction Factors - 1944-45
- 54. Assay Answers - 1945
- 55. Material Transferred from Aeballard to Lowest, - 1945

TEC BOX #7

1. Minutes of Electrical Meeting for Discussion Beta Equipment - 2/14/44
 2. Ltr. - Allis - Chalmers Drawing K-425300 - Bldg. 9204-2 - 1/18/44
 3. Ltr. - to Dr. S. W. Barnes; from RM - 12/18/43
 4. Report - "Beta Holdup and Corrosion" - 8/7/45
 5. A. M. Perry - 1/20/45
 6. J. C. Hecker - 1944/45
 7. Meetings on Progress of Beta "M" Redesign and Miscellaneous Correspondence - 1943-44
 8. Development and Plant Installation of the Philips Gage for Measurement of High Vacuum - 1945
-
- 20 9. Miscellaneous Reports and Correspondence - 1943-45
 10. Miscellaneous Reports and Correspondence - 1944-45
 11. Dr. L. E. West - 1945
 12. Lee G. Warren - 1945
 13. Work Req. Clarification - 1945
 14. Miscellaneous Incoming 3 - 1945
 15. Dan J. O'Leary 5 - 1945
 16. Emergency Procedure Alpha - No data
 17. Unit Wash Analysis - 1944-45
 18. Supervisory Problems, Dept. 186 - 1945
 19. Suggestions - 1944-45
 20. Dept. 186 - Personnel - 1944-45
 21. Employment Requisition Summary - 1944-45
 22. S.S.C. Rich - 1945
 23. Bldg. 9202 - 1945
 24. Bldg. 9204-1 - 1945
 25. Approval Sheets - 1944-45

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26. W. R. Chambers - 1945

27. Conferences - 1945

21 28. Dr. Conklin - 1945

29. R. L. Flanary - 1945

30. Dr. Hecker - 1945

31. F. L. Hopkins - 1945

32. D. C. Hull - 1945

33. Larson's Daily Progress Report - 1945

34. Job Analysis - 1945

35. Thos. A. McKenzie - 1944-45

36. Miscellaneous - 1944-45

38. Overtime Reports - 1945

39. Security - 1943-45

40. E. A. Smith - Daily Report on Alpha - 1945

41. 20.3 Miscellaneous (Assays) - 1945

42. Refining Chemical H. R. Bingham - 1945

43. D. W. Stewart - 1945

44. Special Materials and Equipment - 1944

45. Chemistry Reports, Minutes of Meetings and Miscellaneous Reports
1944-46

46. Physics, Reports, Minutes of Meetings and Miscellaneous Reports - 1944-46

47. Physics Reports and Chemistry Reports - 1946

22 48. Minutes of Research Progress Meetings - 1944-45

49. Technical Reports Index - 1945-46

50. Minutes of Meetings, Technical Reports and Miscellaneous Reports -
1944-46

TEC BOX #8

1. Alpha II E's Progress Report for 11-16 through 30, 1944
2. To File - Carbital Raffinate KR-2 - dated 2/21/45 Document #CD-3849
3. XLID - Used - TEC Process Improvement Groups Alpha II E's Progress Report for November 16-30, 1944
4. Used Alpha II E Progress Report for October, 1944 - 11/5/44
5. Used - P.I. Group Beta M Progress Report - March 1945
6. Ltr. to Dr. F. R. Conklin; from W. B. Reynolds - 4/12/44
7. Nomograph - Idea and Theory by Eugene Gardner - Calculation and Drawing by Glen W. Watson - 5/21/45
8. Ltr. - to Mr. Elmer L. Kelly; from Authur J. Hudgins - 7/24/44 (2 copies)
9. Ltr to Mr. Elmer L. Kelly; from Authur J. Hudgins - 7/30/44 (2 copies)
10. Report of Meeting on Improvements to: The Drain and Shielding System on Alpha 2 M's; - June 5, 1945
11. Ltr - to W. B. Reynolds; from M. S. Storkelson - 9/7/44
12. Manufacturing Specifications for the Ion Current Amplifier, "Snergy" May 29, 1944
13. Technical Report D-4.480.6 - January 29, 1946
14. Ltr. to Dr. H. L. Hull; from D. W. Steward - 9/21/43
15. Weekly Sample Summary - September 2-8, 1945 - 9/14/45
16. MEmo to C. D. W. Thornton; from Victor N. Howard - 2/20/45
17. Department 192 and 190 Steering Committee Meeting No. 4., February 19 - 2/22/45
18. Memo to D. C. Hull; Subject "Analysis of Polished Ammonia Filtrate S-4" April 9, 1945
19. Ltr. to W. R. Chambers; from Chauncey Starr - 2/25/44
20. Ltr. to H. L. Hull; from Chauncey Starr - 2/25/44
21. Portable Two - Stage Radiation Meter - 8/29/44
22. Portable Two - Stage Radiation Meter - 8/29/44
23. Process Improvement and Operation Report - Covering Period, October 21-23, 1943 - 10/28/43

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24. Department 192 and 190 Steering Committee - Minutes of meeting No. 10
4/9/45
25. Memo to W. T. Hanson, Jr.; Subjet: Department 192 Weekly Progress
Report for Week Ending October 28, 1944 - 11/2/44
26. A survey of Sampling Methods and Samples - No date
27. Monthly Progress Report Department 185 and 190 - 4/28/44
28. Progress Report of the Beta Division for the Month of March 1945 - 4/7/45
29. Progress Report of the Beta Division for the Month of February, 1945 -
3/5/45
30. Progress Report of the Beta Division for the Month of January, 1944 -
2/2/45
31. Bulk Treatment Department Conferences - Building 9207 - 6/13/44
32. Report on Trip to the Naval Research Laboratory in Anacostia, Washington,
D.C. and the Submarine Signal Company, Boston, Massachusetts to Discuss
Possible Applications of Sonic and Supersonic Vibrators - 6/16/45
33. Sump Progress Report for May and June, 1944 - 7/12/44
34. Technical Report - 9/8/45
35. Technical Report - 9/8/45
36. Tank Washing Procedure - 3/19/45
37. 24 Bin Experimental Tank Cleaning Program - 3/19/45
38. The Use of Counting Instruments in the Alpha Utilization Efficiency
Experiments - May-June, 1945
39. Alpha II - Preliminary Report of the Tank Cleaning Committee of the
Alpha - 2, Recovery Group - 2/19/45
40. The Status of Facilities for Alpha Recovery - 6/29/45
41. Minutes of Research Progress Meeting Basement of XBX - 8/8/45
42. Weekly Report - Process Efficiency Runs - 6/7/45
43. Memo to Ralph Peters; from R. E. Bailey - 8/25/44
44. Ltr. to V. C. Hall; from H. L. Hull - 5/26/44
45. Ltr to W. R. Chambers; from Chauncey Starr; - 4/8/44

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46. Memo to R. E. Argersinger; From B. Peters; "Door Mechanism on Alpha 2 Receiver" - 4/3/44
47. Ltr. to H. L. Hull; from Chauncey Starr; Improvement of Receiver Design on Alpha 2 - 3/24/44
48. Ltr. to W. R. Chambers; from Chauncey Starr; Chlorine for Alpha 1B and Alpha 2 = 3/24/44
49. Test Specification for Alpha 1/5 Units - No date
50. Westinghouse Vacuum Analyzer Development - 7/28/44
51. "B" Analyze Design - 7/31/44
52. Electrical Circuits for Operation of R Door Mechanism - 7/14/44
53. Experimental Information Concerning Electrical R. Door Operation - 7/25/44
54. Alpha 1/5 and Alpha II Inspection Meeting - August 14, 1944
55. Alpha 1/5 and Alpha II Inspection Meeting - August 7, 1944
56. Sixth Track Coordination Meeting - August 7, 1944
57. Alpha Two Coordination Meeting - August 14, 1944
58. Fifth Track Coordination Meeting (Electrical) - August 1, 1944
59. Fifth Track Coordination Meeting (Electrical) - July 15, 1944
60. Corrosion and Solvent Resistance of Metals and Materials (Abstracts and Index) - 1945
61. Special Reports Received in the Technical Library - March 6-11, 1944
62. Distribution of a Weekly List of Special Reports Received in the Technical Library - Building 9735 - 3/2/44
63. Reports from the Radiation Laboratory - 2/18/44
64. Reports Received in the Technical Library January 22-27, 1945
65. Reports Received in the Technical Library January 15-20, 1945
66. Reports Received in the Technical Library January 8-13, 1945
67. Special Reports Received in the Technical Library January 1-6, 1945
68. Special Reports Received in the Technical Library December 25-30, 1945

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69. Special Reports Received in the Technical Library December 18-23, 1944
70. Special Reports Received in the Technical Library December 11-16, 1944
71. Special Reports Received in the Technical Library December 4-9, 1944
72. Special Reports Received in the Technical Library November 27-December 2, 1944
73. Special Reports Received in the Technical Library November 20-25, 1944
74. Special Reports Received in the Technical Library November 13-18, 1944
75. Special Reports Received in the Technical Library October 30-November 4, 1944
76. Special Reports Received in the Technical Library October 30-November 4, 1944
77. Special Reports Received in the Technical Library October 23-28, 1944
78. Special Reports Received in the Technical Library October 16-21, 1944
79. Special Reports Received in the Technical Library - 33 Reports Miscellaneous Dates, 1944-45
80. Weekly Status of Experiments and Tests P.I.U.S.E.D. Beta Test Group - 30 Reports - 1944-45
81. Alpha II Recovery Meeting M Assembly Washing - November 29, 1944
82. Review of Phillips Ion Gauge Literature to January 1945 - 2/15/45
83. Graph - No dates
84. Ltr. to Louis Wouters; From: R. L. Harris - 2/6/45
85. Conversion of TF6 to T03 - 1/3/45
86. Conversion of TF6 to T03 - 12/22/45
87. Batchwise Extraction of Beta Gunk - 11/13/44
88. The Spectrographic Determination of T in Extracted Gunk Solutions - Undated
89. A New Method for the Recovery of T from Gunk Solutions - 11/15/44
90. Fluorescence Analysis for T - 7/1/44
91. Lecture Notes - 1943

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92. Temporary Office Procedures #II - 1945
93. A. C. Detector 'A' (Howler) D-4.480.4 - 1946
94. An A. C. Operated Beta Rate Meter of Improved Design - 12/19/44
95. Report on Observation at RL - April 12-29, 1945
96. Electrical Reports (Abstracts) - 1943
97. Miscellaneous - 1945
98. A. B. Cardwell - Report on Refractory Collimating Slots - 1945
99. Alpha II, Alpha Recovery and Miscellaneous Correspondence - 1944-45
100. D. W. Steward Alpha II Training Manual - July 1944
- 24 101. Special Assay Summary - No date
102. Memo to Bert Moyer; from J. W. Ramsey - 4/27/45
103. Ltr. to H. L. Hull; from Chauncey Starr - 3/23/44
104. Ltr. to H. L. Hull; from Wallace G. Stone Hash - 3/15/44
105. Memo to C. D. Shane; from B. F. Miller - 3/24/44
106. Ltr. to Kenneth G. Macleish; from V. C. Hall - 4/4/44
107. Teletype to H. L. Hull; from Berkeley - 3/30/44
108. Ltr. to Ralph Rogers; from V. C. Hall - 6/30/44
109. Teletype to V. C. Hall; from J. H. Webb - 3/13/44
110. Alpha - Beta Utilization Efficiency Runs - 6/20/45
111. Ltr. to V. C. Hall; from B. M. Werly - 8/29/44
112. Memo: "Distribution and Concentration of Material in Irene Receiver" - 1/20/45
113. Memo - to V. C. Hall; From L. O. Waite; Drawings for Alpha I Conversion 7/3/44
114. Weekly Production Balance Report No. 12 - 11/16-22/44
115. Result of a Study of the Characteristics of Pluto, 11/7/44

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116. Weekly Production Balance Reort No. 14 - 11/23-28/44
117. Weekly Producton Balance Report No. 15 - 11/29-12/5/44
118. Progress Report of High Voltage Transient Group to August 11, 1945 - 8/22/45
119. Chemical Reports - 7/9-14/45
120. Physics Report - 7/9-14/45
121. Routine Preparation of Small Samples of Tuballoy hexafluoride Form Oxide - 3/12/45
122. An Improved Spectrometer Tube Envelope - 3/16/45
123. Revised Magnet Power Supply for the General Electric Mass Spectrometer 4/2/45
124. Improved Equipmet for Assay by Fisson Counting - 3/26/45
125. The Determination of Minutes Amounts of T by t Fluorescence Method (Experimental Work - November 3-16, 1944) - 12/6/44
126. A Rapid Method for Determination of Water in T03 - 2/16/4
127. Ltr. to Albert E. Ballard; from Brown Univ. - 9/6/44
128. The Poppy Monitor - 8/31/45
129. Transport of Tuballoy Samples to Metallurgical Laboratory, University of Chicago - 9/16/44
130. Fundamental Constants - 3/1/45
131. Conferences on Alpha and Beta Products February 10, 12, 1944 Building 9733
132. Detection of Traces of T in the Presence of Iron - 4/25/44
133. Examination Analysis of Graphite - 8/29/44 (2 copies)
134. CD-RS-1 Refining Recovery Balance - 4/19/44
135. Progress Report of the Beta Division for the Month of December, 1944
136. Monthly Progress Report for the Month of Sep. 1944 - 9/29/44
137. Monthly Progress Report Department 185 Summary - 8/30/44

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138. Monthly Progress Report Department 185 Summary - 7/28/44
139. Monthly Progress Report Departments 185 and 190 - 6/29/44
140. Monthly Progress Report Departments 185 and 190 - 5/29/44
141. Graphs, 30 total - 1944
142. Department 192 and 190 Steering Committee Meeting No. 2, January 29, 1945
143. Department 192 and 190 Steering Committee Meeting No. 2, January 29, 1945
144. Precision of P.E. and Oxalate Methods on Samples from PSW Daily Batches - 3/1/45
145. Department 192 and 190 Steering Committee Meeting no. 21 - 6/25/45
146. Steering Committee Meeting No. 21 - 6/25/45
147. Department 192 and 190 Steering Committee Meeting No. 4, February 26, 1945
148. Report on Liner Design Trip of L. D. Burtenhaw - 9/25/44
149. Weekly Sample Summary 2-8 September 1945, 9/14/45
150. Monthly Progress Report, Dept. 192 - 12/26/44
151. Monthly Progress Report, Dept. 192 - 12/26/44
152. Steering Committee Meeting No. 13, April 30, 1945 (2 copies)
153. Chicago Trip - 5/9/45
154. Steering Committee Meeting No. 14, May 7, 1945
155. Memo - Insoluble Material in Oxidized Alpha Gunks - 5/11/45
156. Steering Committee Meeting No. 12 - April 23, 1945
157. Modernization of Beta Me - 4/25/55
158. Modernization of Beta Ms - 4/14/44
159. Ltr. to Marvin Margin, from J. R. Richardson - 4/13/44
160. Memo to R. Thornton, from James W. Bell
161. Heater Installation for the Redesigned Beta Unit - 2/15/44
162. Ltr. to ~~3/27/44~~ Klein, Initial Condition of First Westinghouse Model II

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163. Summary of Meeting on Beta Schedules Westinghouse Electric and Mfg. Company - 1/5/44
164. Ltr. To A. C. Klein; from W. R. Chambers; "Heaters for Bea M" - 3/4/44
165. Memo To A. C. Klein; from W. R. Chambers; "Heaters for Bea M" - 3/4/44
166. The Following Reports have Recently been Turned over to the Technical Reports and Information Office by Dr. H. A. Young, - 7/24/45
167. Ltr. to E. D. Kane; from G. W. Pickels - 1/13/44
168. Memo to Misc; from Paul C. Guager; Building 9204-3, Machine Location Plans - 5/26/44
169. Report on Experiment US 10124US - 8/9/45
170. X Can Report - 1945
171. Assay Results on Special Sample - 1/17/45
172. 1.54 Weekly Status of Experiments Bldg. 9731 - 1944-45
173. Report on Coding Systems - 1/2/46 *Mission*
174. Special Reports A-II Meeting and Experiment Status - 1944-45
175. ~~A-2~~ (Miscellaneous Reports) - 1943-44

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TEC BOX #9

1. USED-TEC Process Improvement Groups Progress Reports Dec. 15-31, 1944 - Alpha II's - 1/10/45
2. Memo - To: Chauncey Start Firm: A. H. Dayl - Results of Compiled Data on Useful K Life - 9/21/43
3. Memo - to C. B. Barkley, from Hugh G. Neil - Absorption Cell Photo-tube Amplifer - 6/25/45
4. Scan Report Summary - 8/18/45
5. Minutes of Research Progress Meeting - 8/29/45
6. Minutes of Research Progress Meeting - 8/22/45
7. Xcan Report Control (M) - 7/20/45
8. Ltr. dated 1/26/45 to Albert E. Ballard, from E. Charles Evers
9. Ltr. dated 3/10/45 to Albert E. Ballard, from E. Charles Evers
10. Ltr. dated 2/6/45 to Albert E. Ballard, from E. Charles Evers
11. Memo dated 6/9/44 - Ether Extraction of Rare Earth Nitrates
12. Xcan Report 1252 AG 0 Degree Salome - 7/20/45
13. Xcan Report PI-20036-P Alpha Gloria Experimental E - 7.30/45
14. Xcan Report - Summaries to date - 8//45
15. Xcan Report - P-20050-P Decreased R Slot - 7/17/45
16. Xcan Report - Enhancement and Efficiency Tests Summary - 8/13/45
17. Alpha II Recovery Meeting - 12/29/44
18. Alpha II Recovery - 1/19/45
19. Variation of Ion Gage Reading with Changes In Ambient Temperature - 4/25/45
20. Teletype - 4/45 - Need of Circuit Diagrams
21. USED - PI Group Progress Report Feb. 15-28, 1945 Alpha II E's - 3/16/45
22. Reports Received and Issued by the XL Information Division - 3/5/45
23. Reports Received and Issued by the XL Information Division--January 1945 - 2/6/45

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24. Vacuum and Bake-out Group Progress Report for November 18 - December 1, 1944 - 12/5/44
25. Memo dated 12/13/44 to B. J. Moyer, from J. G. Teasdale
26. XL53.5.21 Appendix - Undated
27. Memo dated 8/2/44 to Dr. R. W. Chaney, from C. M. Van Atta Program for Improved Slot Shapes for Alpha 2 (2 copies)
28. List of Reports Returned to be Destroyed - 9/12/45 (2 copies)
29. Memo dated 8/14/44 to R. W. Chaney, from T. E. Allibone - Determination of F Shapes at Site (Alpha 2)
30. Memo dated 8/14/44 to R. W. Chaney, from C. M. Van Atta Improved Receiver for Alpha 2 with drawings
31. Tolerances on Alpha-1 Shims and Process Tanks Discrepancy between Theoretical and Plant Shims - 2/10/44
32. Ltr. dated 9/10/43 to Dr. H. L. Hull, D. W. Stewart
33. "Z" Special #31 Design of Auxiliary Shims - 2/20/44
34. Application of the Mass-Angle Diagram to Barber Shop Design for the Case of an Inhomogeneous Z-Field - 12/9/43
35. Motion of an Ion in an Approximately Uniform Z Field an Elementary Derivation of the Equations of Motion Useful in Consideration of Barbershop Vane Settings - 12/1/43
36. Development of the Equaton - 6/23/44
37. A "Concentricity Measurement Devia" - 2/16/55
38. Tests of Clamp-on Heater Arrangements in a Vacuum - 4/12/44
39. Heat Radiation and Emissivity Measurements - 5/6/44
40. Ltr. dated 12/28/44 to E. F. Orlemann, from Lt. Col. John R. Ruhoff
41. Technical Report - 12 Tank Progress Report July 1 to August 1, 1945 - 8/21/45
42. K Group Activities - 12/7/44
43. Radiant Heat Shielding - 6/17/44

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44. Ltr. dated 1/12/44 to H. L. Hull, from Chauncey Starr
45. Memo dated 3/13/45 to C. D. W. Thornton, from Victor N. Howard - Check on the Precision of Analyses of MW Laboratory for the Period 3/5/45 to 3/10/45
46. Memo dated 3/14/45 to C. D. W. Thornton, from Victor N. Howard - Check on the Precision of Analysis of PSW Laboratory for the Period 3/5/45 to 3/10/45
47. Memo dated 3/8/45 to C. D. W. Thornton, from Victor N. Howard - Check on the Precision of Analysis of MW Laboratory for the Period 2/27/45 to 3/4/45
48. Steering Committee - Meeting #27 - August 6, 1945
49. Memo dated 3/1/45 to C. D. W. Thornton, from Victor N. Howard - Check on the Precision of Analyses of the MW Laboratory for the Period 2/21/45 to 2/24/45
50. Memo dated 3/10/45 to C. D. W. Thornton, from Paul R. Seufzer check on the Accuracy of Analyses of the MW Laboratory for the Period 3/2/45 to 3/3/45
51. Department 192 and 190 Steering Committee Meeting #4, February 26, 1945 - 3/1/45
52. Department 192 and 190 Steering Committee Meeting #3, February 12, 1945
53. Memo dated 3/8/45 - Transfer of Samples to Building 2714F and 2714G
54. Memo dated 2/8/45 - Analyses of Samples Requested by the Army
55. Department 192 and 190 Steering Committee Meeting No. 5 - 3/5/45
56. Steering Committee Meeting #19 - June 11, 1945
57. Department 192 and 190 Steering Committee Meeting #7, 3/19/45
58. Memo dated 3/15/45 to Dr. W. T. Hanson, Jr., From L. E. West Analysis of Carbitol Raffinate KR₂
59. Memo dated 3/16/45, Check on the Precision and Accuracy of Analyses of Alpha Laboratory for the Period 3/9/45 to 3/13/45
60. Determination of Traces of Tuballoy Using the Polarograph the Catalytic Reduction of Nitrate Ions in the Presence of Tubanyl Ions - 4/10/45
61. Memo dated 12/26/44 - Monthly Progress Report

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62. Memo dated 3/26/45 - to C. D. W. Thornton, from W. M. Salminen
63. Memo dated 10/17/44 to Miscellaneous, from W. T. Hanson, Jr.
64. Progress Report - Month Ending December 26, 1945
65. Memo dated 4/3/45 - Preparation of Standard Hot T. Solution
66. Flow Diagram - C48 - 5/22/45
67. Progress Report for the Month of November 1944
68. Memo dated 11/20/44 - Department 192 Weekly Report for Week Ending November 18, 1944
69. Progress Report - Department 192 Month Enging January 26, 1945
70. Memo dated 11/20/44 - Department 192 Weekly Report for Week Ending November 18, 1944
71. Memo dated 11/6/44 - Department 192 Weekly Progress Report for Week Ending November 4, 1944
72. Memo dated 1/23/45 to Mr. Warnock, from A. G. Jones
73. Memo dated 1/23/45 to D. V. Walker, from A. G. Jones
74. An Investigation of the Determination of T in Residues using Current Counting Techniques - 5/5/45
75. Monthly Progress Report - Analytical Development Month Ending May 26, 1945
76. Monthly Progress Report - Month Ending April 26, 1945
77. Memo dated 7/17/45 - Removal of Beta Particle Activity by the Alpha Chemistry Process
78. Drawing - Sections "E" High Voltage Terminal Box - #VT1205 - 4/4/44
79. Drawing - Plan "E" High Voltage Terminal Box - #VT1204
80. 14.a General File #3 - 1944
81. 30.a Material Transfers to the Site - 1943-44

- 74 82. 12-d Amplifiers - 1943-44
83. 12-e Rectifiers - 1943-44

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84. 12-f Suppressors - 1944
85. 13-a General - 1943-44
86. 14-a General - 1944
87. 14-a General - 1944
88. 14-a General - 1944
89. 14-a General - 1943
90. 14-b Circuits - 1944
91. 14-c "Sump" Progress Reports - 1944
92. 14-c "Sump" Progress Reports - 1943
93. 14-d Special Sump Reports (UCRL) - 1944
94. 15-a Mechanical Design, Drafting & Shop Schedule - 1943-44
95. 16-a Training - 1943-44
96. 17-a General - 1943-44
97. 14-e Barbershop Mechanical - 1944
98. 17-b Progress Reports - Building 9731-XAX- 1943-44
- 27 99. Log Book (Radiation Laborator- XA; Except XA; TEC Drawing; GE Drawings; Stone & Webster Drawings - undated
100. 21-b Fundamental Theory - 1943-44
101. 27-a Correspondence - 1943-44
102. 27-b Transactions in Bostons - 1944
103. 28-b Electrical - 1944
104. 29-b Magnetic Measurements - 1943-44
105. 33-d UCRL Chemistry Reprints - No data inside folder
106. 34-a Correspondence - 1943
107. 35-a Teletypes and Telegrams - 1943
108. 33-a Assays - 1943-44

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109. 33-b Equipment - 1943-44

110. 33-c Correspondence - 1943-44

111. 35-2 Teletypes and Telegram - 1944

112. 20.a Reports on Telephone Calls - 1943-44

TEC BOX #10

1. 17-e Pilot Plant Developments - Building 9731-XAX - 1944
2. 6-g Mechanical Division Group in Berkeley - 1943-44
3. 35-a Teletypes and Telegrams - 1944
4. Hull, H. L. - 1944
5. Hull, H. L. - 1944
6. Hull, H. L. - 1944
7. Hull, H. L. - 1944
8. Hull, H. L. - 1944
9. Hull, H. L. - 1944
10. Hull, H. L. - 1944
11. Hull, H. L. - 1944
12. Hull, H. L. - 1944
13. Hull, H. L. - 1944
- 29 14. Hull, H. L. - 1943
15. A.C.S. - Alpha 2 Flow & Heat Data - 1944
16. Tank Cleaning File - 1945
17. Hull, H. L. - 1943
18. 2.a Weekly Reports to Dr. H. L. Hull - 1943-44
19. Electrical Equipment for Power Supply to Magnets and Tanks of Alpha Plant, Magnets #1, #2, #3, #4, and #5 - 4/17/43
20. 3-b XAH Daily Abstract Runs - 1943-44
21. 3-b XAH2 Daily Abstract Runs - 1944
22. 6-3 Mechanical - 1943
- 30 23. 28-2 Mechanical - 1943-44
24. 1-a Coordination Meetings - 1943
25. High-Voltage Rectifiers, Heater and Control Equipment for Alpha 1B - 8/9/43

TEC BOX #10

26. 32-a U.C.P.L. Equipment - 1943

27. 3-f Operational Digests - XA1 - 1943

28. 31-a Instruction Books - 1944

29. 3-R XAH-1 Special Reports - 1943-44

31 30. 3-i XAH-1 Semimonthly Reports - 1944

31. 6-e Mechanical - 1944

TEC BOX #11

1. 5-d Alpha 1B - 1943-44
2. 6-d heates - 1943-44
3. 5-e Mechanical - 1943-44
4. 6-e Mechanical - 1944
5. 6-b General - 1943-44
6. 6-e Mechanical - 1944
7. 6-e Mechanical - 1943-44
- 32 8. 7-b General - 1943-44
9. 6-f Electrical - 1943-44
10. 7-e Mechanical - 1944
11. 9-c Alpha II Test Equipment - 1943-44
12. 9-b Alpha I Test Equipment - 1943-44
13. 9-a General - 1943
14. 9-a General - 1943-44
15. 8-h Beta Termination Summaries (U.S.E.D.) - 1944
16. 8-f Electrical - 1943-44
17. 8-i Manufacturing Experiments on Beta (Refining Division) - 1943-44
18. 8-e Electrical - 1943-44
19. 8-b General - 1943-44
20. 7-f Electrical - 1943-44
21. 10-b Ion Gags - 1943-44
- 33 22. 12-b High Voltage REgulators - 1943-44
23. 10-b Ion Gages - 1943-44
- 33 24. 10-b Ion Gages - 1944
25. Machine Shop - 1943-44
26. Machine Tools - 1943

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27. Magnets - 1943-44
28. Main Entrance Gate - 1943
29. Main Process Bldgs. - 1943
30. Manufacturers Prints and Instruction Books - 1944-45
31. Manufacturer's Prints and Instruction Books - 1943-44
32. Marley Company, Inc. - 1944
33. Material and Equipment Lists - 1943-44
34. Mechanical Division- 1943-44
35. Mechanical Division Design Staff - 1944
36. Mechanical Division Progress Report - 1944
37. Mechanical Shops Department History - 1944
38. Mech. W. W. Reynolds - 1943
39. Medical Science - 1943
40. Meters - 1943
41. Memorandums, Misc. - 1944
42. Miscellaneous - 1943
43. Monorail - 1943
44. Monthly Reports - 1944
45. Motor General Sets - 1943
46. Motor List - 1943
47. Notes of Conference - 1943-44
48. Nickel Plating Services - 1943
49. Notes of Conference - 1943

TEC BOX #12

1. Notes of Conferences - 1943
2. Notes of Conferences - 1943
3. Notes of Conferences - 1943
4. Notes of Conferences - 1943
5. Notes of Conferences - 1943
6. Notes of Conferences - 1943-44
7. Office Procedure - 1943
8. Oil System - 1943-44
9. Painting - 1943
10. Passes - 1943
11. Personnel - 1943
12. Personnel - Boston Office - 1943
13. Personnel Boxtton Office - 1943
14. Personnel Boston Office - 1943

- 35 15. Petroleum - 1943
16. Phosgene Gas - 1943
17. Pilot Plant - 1943
18. Pilot Plant - 1943
19. Plant Protection - 1943
20. Plant Protection - 1943
21. Planting - 1943
22. Pilot Plant - 1944
23. Port of Entry - 1943
24. Plate Washing Area - 1943-44
25. Power Supply - 1943
26. Prints - 1944

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27. Prints - 1943
28. Prints - 1943-44
29. Prints - 1943
30. Priorities - 1943
31. No. 2 Process Bldg. - 1943
32. Photographs - Alpha 2 8-A Conversion - 1945
33. Prints on Alpha 2 8-A Conversion - 1945
34. Reports - 1945
35. Westinghouse Tool Man - 1945
36. S&W Allis-Chalmers - 1943
37. S&W BAffles - 1944
38. S&W Beta "E" - 1944
39. S&W Beta "M" - 1944
40. S&W Building 1501-1-2 - 1943
41. S&W Building 9201-4 & 5 - 1943-44
42. S&W Building 9202 - 1943-44
43. S&W Building 9203 - 1943
44. S&W Building 9204 - 1943
45. S&W Building 9204-1-2 - 1943-44
46. S&W Building 9401-2 Boiler House - 1943
47. S&W Building 9731-XBX - 1944
48. S&W Building 9744 Electroplating - 1944
49. S&W Chapman Value - 1943
50. S&W Construction Schedule - 1944
51. S&W Doors - 1943

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52. Procedures in Boston Office - 1943-44
53. PE's - 1943-44
54. Process Tank Windows - 1943
55. Product Storage Vessels - 1943
56. Process Equipment Designs - 1943
57. Purchase Delivery Schedules - 1943
58. Purchase Schedules - 1943-44
59. "Q" Electrode Insulator's - 1944
60. Alpha 2 Transformer Cooling Water - 1945
61. Conferences t Berkeley - 1945
62. Conversion Cost Data - 1945
63. Personnel Assigned to R. L. - 1945
64. Conversion Kits - 1945
65. General Electric Data - 1945
66. Jigs & Alignment Fixtures - 1945
67. Coast - Telephone Conversations - 1943-44
68. TEC Bin Connections - 1943
69. U.S.E.D. Replacement Parts - 1944
70. U.S.E.D. Tubes - 1944
71. U.S.E.D. Westinghouse - 1943-44
72. U.S.E.D. Relay and Protection - 1944
73. U.S.E.D. Chapman Valve - 1943-44
- ~~74. U.S.E.D. Personnel - 1943-44~~
75. U.S.E.D. Building 9206 - 1943
76. U.S.E.D. Building 9731 - 1944

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77. U.S.E.D. Carbon Requirements - 1944
78. U.S.E.D. Circulating Oil - 1944
79. U.S.E.D. Clocks - 1944
80. U.S.E.D. General Electric - 1943-44
81. U.S.E.D. Link - Belt - 1943-44
82. S&W Westinghouse - 1943-44
83. S&W Westinghouse "M" and "M-1" - 1943-44
84. S&W Wilson Seal - 1944
85. General Location Plan - Y-12 Plant Map - 1944
86. S&W Y-12 Extension - 1944
87. U.S.E.D. Allis-Chalmers - 1943-44
88. U.S.E.D. Beta "E" - 1944
89. U.S.E.D. Building 9202 - 1943
90. U.S.E. Building 9203 - 1943
91. TEC Electric Distribution - 1944
92. TEC Electric Division - Drawing - 1944
93. TEC Electroplating - 1943
94. TEC General Electric - 1943
95. TEC Ion Gage Assembly - 1944
96. TEC Miscellaneous - 1944
97. S&W Vapor Value and Slit Cleaner - 1944
98. S&W Water Requirements - 1943-44
99. TEC Building Index - 1944

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100. TEC Building 9201-3-4-5, 1944
101. TEC Building 9202 - 1944
102. TEC Building 9202-2, 1943
103. TEC Building 9731 & XAX-H - Pilot Plant - 1943-44
104. TEC Cubicles - 1943-44
105. Coast Correspondence - 1943
106. Coast Teletypes - 1943-44
107. S&W Summary Test Equipment - 1944
108. S&W Evaporators - 1943-44
109. S&W Gages - 1944
110. S&W General Electric - 1943
111. S&W H-J Assembly - 1943
112. S&W Interlocks - 1943
113. S&W "J" Thermocouple - 1943
114. S&W "K" Assemblies - 1943-44
115. S&W "K" Tools - 1944
116. S&W Liquid Nitrogen - 1944
117. S&W Material & Equipment Lists - 1944
118. S&W Miscellaneous - 1943-44
119. S&W Air Motors - 1944
120. S&W Notes of Conference
121. S&W Prints - 1943-44
122. S&W Pumps - 1943-44
123. S&W Reactor - 1943
124. S&W Spectrometer - 1943

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125. S&W Steam - 1943

3 126. S&W Tank Test Reports - 1944

127. S&W Telephones - 1943

128. S&W Tubes - 1943

129. S&W Valves - 1944

130. U.S.E.D Liquid Nitrogen - 1944

131. U.S.E.D. Notes of Conference - 1944

TEC BOX #13

1. TEC Personnel - 1943-44
2. TEC Prints - 1944
3. TEC Procedures in Boston Office - 1943
4. TEC Procedures in Boston Office - 1943
5. TEC Procedures in Boston Office - 1943
6. TEC Notes of Conference - 1944
7. TEC Procedures in Boston Office - 1944
8. TEC Procedures in Boston Office - 1944
9. TED Procedures in Boston Office - 1944
10. Westinghouse Electric & Mfg. Co. Door Unit Vacuum Test Sheet - 1944
11. Spare Parts Alpha II - 1944
12. Specifications - 1944
13. Teletypes - Undated
14. Westinghouse Design Changes - 1944

15. TEC Procedures in Boston Office
- 38 16. TEC Answers to "Procedures in B.O." - 1943-44
17. TEC Progress Report - Bldg. Const. Y-12 ARea - 1943-44
18. TEC Progress Report - Building Const. Y-12 Extension - 1943-44
19. Alpha II and Track 5 Coordination Meeting - 1944-45
20. Transactions in Boston - 1944
21. Transactions in Boston - 1944
22. Pilot Plant Developments - 1943-44
23. Procedures in Boston - 1944
24. Procedures in Boston Office - 1943-44

- 39 25. Procedures in Boston Office - 1944
26. Revision Prints - 1944

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27. XAXH Unit - 1944
28. Alpha I - 1943
29. Alpha II - 1943
30. Beta - 1943
31. Conferences - Miscellaneous - 1943
32. Handling Equipment - 1943
33. PI - 1943
34. Procedures in Boston - 1943
35. Special Design Problems M. M. Fielder - 1943
36. Stock - 1943
37. XA Experiments - 1943
38. XAX - 1943
39. RL Building 9709 - 1943
40. RL Drawings - 1943
41. RL Handling Equipment - Alpha - 1943
42. RL Handling Equipment - Beta - 1943
43. RL M&E - Alpha - 1943
44. RL M&E - Beta - 1943
45. Miscellaneous - 1940-43
46. RL Procedures - 1942-43
47. RL Stock - 1943
48. RL Vacuum Equipment - 1943
49. RL Water - 1943
50. Spare Parts List Index & Supplements #1 through #10 - 1943
51. Spare Parts List Supplements #11 through #20 - Undated
52. Spare Parts List Supplements #21 through #30 - 1943

TEC BOX #14

1. Spare Parts List Supplements #31 through #40 - 1943
2. Spare Parts List Supplements #41 through #50 - 1943
3. Alpha I Conversion - 1945
4. Alpha I - M Water Lines - 1945
5. Approval Requests for Experiments on Plant Equipment - 1945
6. Carbon Parts - Alpha I - 1945
7. Chemical Recovery Problems - 1945
8. Emergency Plan - Undated
9. Dr. Shippy (Experiments) - 1945
10. H. J. Casting Heaters - 1944
11. Blue Print Receipts - 1944
12. Design Report - 1944
13. Termination Report - 1944
14. Carbon Specification- 1944
15. Stone & Webster Correspondence - 1944
16. Vacuum - 1944
17. Wilson Seals - 1944
18. XAXH Conversion - 1944
19. Project No. 6-3 (Closed) - 1943
20. Building Equipment Requirements - 1943
21. Chemical Recovery - 1943
22. Wilson Seal Gasket - 1943
23. TEC Change Requests - 1943
24. Equipment List - Undated
25. Alpha I "D" Unit by O.K. Lewis - 1945
26. Alpha I Conversion - 1945

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27. Alpha II - 1944-45
28. Alpha II Carbons - 1945
29. Alpha II Conversion - 1945
30. Alpha II Liner - 1945
31. Alpha II M - 1945
32. Alpha II "M" Rebuilding Program - 1945
33. Approval Sheets - Alpha 1/5 and 2 - 1945
34. Approval Sheets - Misc. - 1945
35. Conferences - Alpha II M Bushing - 1945
36. Conferences - Alpha II Recovery - 1945
37. Conferences - Misc. - 1945
38. Conversion - Job Outline - 1945
39. Dante's Inferno - 1945
40. Estimates - 1945
41. Handling Equipt. Alpha II - 1945
42. Insulators - 1945
43. K Support - Undtd
44. Liner Runs - TEC - 1945
45. Conferences Alpha I - 1944
46. Conferences Alpha II - 1944
47. Conferences - Alpha II M Bushing Group - 1944
48. Conferences - Alpha II Recovery - 1944-45
49. Conferences Miscellaneous - 1944-45
50. Conferences - Mech. Coordin. Mtg. - 1944-45
51. Conferences Miscellaneous - 1944

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52. Drawings Issued - 1944
53. Handling Equipment Alpha II - 1944
54. History of Engineering Department - 1943-44
55. Miscellaneous - 1944
56. B. Analyzer - 1944
57. Alpha Beta Liner - 1945
58. B-2 J Conversion - 1945
59. Alpha II Conversion - 1945
60. Alpha II - Model 400 - 1945
61. Chapman Values 20" x 27" - 1944
62. Time Charges - 1944-45
63. Unexplained Phenomina - 1944
64. Vapor Values - 1944-45
65. Water Flow and Valves - 1944
66. Westinghouse - 1945
67. XAX-H Conversion- 1944
68. Alpha High Voltage Insulator Report - 1945
69. Report on Mechanical Service and Supply Meeting - 1945
70. Plant Equipment Approval Requests for Experiments - 1944-45
71. Trip Reports - 1944
72. Revision of Alpha II and Alpha 1/5 M Terminal Box - 1945
73. Instructions for "E" Kovar "R" Water Line Insulator Installation - 1945
74. Materials Specifications - 1944
75. Alpha I H.V. Cubicle (Memos) - 1944
76. C&G Rectifiers 1-A-1 - 1944

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77. Tubes (KC4, WL-616, ZP624, 893 & 562) 1-A-2 - 1944
78. Recycles 1-A-4 - 1944
79. 1-A-5 "C" Regulators - 1944
80. 1-A-6 "R" REgulators - 1944
81. 1-A-7 Ion Gages Power Supply - 1943
82. 1-A-1 Step-Start Panel - 1944
83. Heater Cubicle (Memos) 1B - 1943-44
84. Tanks (Memo's) - 1944
85. Beta Change Sheets - 1945
86. 1-F-1 G.E. Dummy Loads - 1943-44
87. 1-F-2 P.E.M. Corp. Dummy Loads - 1943-44
88. 1-G-1 Dummy H.V.C. - 1944
89. Transformers - 1945
91. 11-C-1 "Z" Regulators - 1944-45
92. 111-C Cubicle and Power Readings for S&W (Conversion Data) - 1944-45
93. 111-H-2 Ditto Originals - 1944-45
94. 111-H-22 Ditto Originals - 1945
95. Procedures Data & Information 11/100 - 1944-45
96. Property Tools 9/700 - 1944
97. Electrical Installation Progress Report 9201-2 - Undated
98. Electrical Installation Progress Report 9201-1 - Undated
99. Vapor Valve Charge Circuit Change Serial 503 (Cancelled) - 1945
100. Recycler Change Serial 111 1-D-2e - 1944-45
101. 1-D-4 Equipment Changes not Issued - Undated
102. 1-D-5 Alpha 2 Change Sheets - 1944-45

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103. Change Sheets Issued before 8-4-44 1-D-7 - 1944
104. Alpha 1B Change Sheets Recieved from A2 Staff - 1944
105. Holton's Copy of Change 1-D-9 - 1944-45
106. II-C-4 "Z" Excites Alarm - 1944
107. Alpha II Conversion - 11-E-2 - 1945
108. Temporary Office Procedures 111-A-1 - 1944
109. 111-A-2 Receipts for Classified Material - 1943-45
110. 111-B Outage and Trouble Report (Memos) - 1944

TEC BOX #15

1. Fifth Track Coordination Meeting Reports (Confidential & Receipts) 1944-45
2. Miscellaneous Secret, Confidential & Restricted - 1943-45
3. Miscellaneous Restricted Reports - 1943-44
4. Operating Data - 1944-45
5. Operating Expense Statements and Receipts - 1944-45
6. Equipment Changes - 1944
7. Equipment Changes - 1944
8. Equipment Changes - 1944
9. Equipment Changes - 1944
10. Equipment Changes - 1944
11. Equipment Changes - 1944
- 43 12. Personnel Assignments & Requirements 1/300 - 1944
13. Personnel - Job Description from Wage Standards 1/701 - 1945
14. Personnel 1/1000 Military and Naval Personnel - 1945
15. Personnel Training 1/1400 - 1943
16. Notebook - Process Outage Codes - 1-4-44
17. Memorandum - 1944
18. 111-B-6 Alpha 2 Conference - 1944
19. 10/200 Prints - 1945
20. 10/100 Accounting Codes - 1945
21. 9/900 M-G Set - Undated
22. 9/700 High Voltage Cubicle - 1943-44
23. 9/401 Dummy Load Test Equipment - 1944
24. 9/300 Electrical Miscellaneous Supplied - 1943-45
25. 9/119 Tube and Tube Testing - 1944

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26. 9/118 Transformers - 1944
27. 9/115 Relays - 1944
28. 9/114 Regulators - 1944-45
29. 9/107 High Voltage Bin Equipment - 1944
30. 9/105 Gages (Ion & Prarani) - 1944
31. 9/102 Cables - 1944
32. 8/700 Servicing and Servicing Instructions - 1944
33. 5/500 Operation Reports - 1944-45
34. 5/700 Shutdown & Outage Reports - 1944-45
35. 5/400 Operating Expenses - 1944-45
36. 5/300 Miscellaneous Reports - 1943-44
37. 1/1100 Training - Undated
38. 2/200 TEC Assignments - 1943-44
39. Alpha II Staff - 1945
40. XII-8 Polyethylene X-Ray Cable - 1945
41. Electrical Power Inspection Sheets XI-7 - 1944
42. X-19 "Z" Testing - 1944
43. Start Up Wiring Changes Track "C" X-5 - 1944
44. "D" Testing and Maintenance X-3 - 1944
45. Electrical Stores - 1945
46. Blueprint Status IV-2 - 1943
47. Organization III-9 - 1944-45
48. Memorandum's to Records Clerk - 1944
49. Supervisory and Technical Conference - 1945
50. Z Regulators - 1943-45

TEC BOX #15

51. Tubes I-21 - 1945
52. I-16 Regulators (Electronic) - 1944
53. Memos from Norton I-13 - 1944-45
54. Leak Detector I-11 - Undated
55. Lapp Coils - 1944
56. General I-1 - 1944
57. Log Book - Classified Material - 1944-45
59. Dummy Load Memos - 1943-44
60. Monthly Progress Report - 1944
61. Monthly Progress Report - 1944
62. Miscellaneous Electrical Trouble Records - 1945
63. Letter to Seckendorff - 1944
64. Interlocks - 1944
65. Bin Jumpers - 1944
66. Load Studies - 1944
67. 9/101 Substones Electrical 9201-4&5 - 1945
68. 4/102.2 Memoranda 9201-4 & 9201-5 - 1945
69. 4/108 Memoranda Motor Generator Sets - 1945
70. Executive Elec. Div. 3/100 - 1945
71. Process Electric II Book - Undated
72. Personnel General Personnel Memoranda 1/1600 - 1944
73. Spare Parts Transformers 9/205 - 1944
74. Property Miscellaneous Electrical Equipment 9/300 - 1944-45
75. Property Tubes 9/111 - 1943-45
76. Property Rectifiers 9/107 - 1945

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77. Constructions and Maintenance Changes in Electrical Equipment and Experiments 8/500 - 1944
78. Construction and Maintenance Changes in Electrical Equipment and Experiments - 1944
79. Construction and Maintenance Heating and Ventilation - 1945
80. Construction and Maintenance Changes in Process Building - 1944
81. Process Building Memoranda 7/1000 Alpha Conversion - 1944-45
82. Process Building Memoranda Alpha II Building 7/500 - 1945
83. Process Building Memoranda 7/400 9201-3 - 1943-44
84. Process Building Memoranda 7/200 9201-1 - 1944
85. Process Building Memoranda Operating Memoranda 7/100 - 1944
86. Reports Trouble Reports 5/500 - 1944
87. Reports (Reports on Shutdowns and Outages) 5/300 - 1944
88. Reports Inspection Reports 5/200 - 1944
89. Safety and Security Fire Prevention 4/500 - 1945
90. Safety and Security General Safety Policies and Recommendations - 1944
91. 4/100 Safety and Security Classified Material - Undated
92. Services Miscellaneous Services 3/400 - Undated
93. Organization TEC Assignments - 1944
94. Organization Organization Charts and Lists 2/100 - 1944-45
95. Work Requisitions Data - 1944
96. Minutes to Meetings - 1944
97. Electrical Mechanics Manual Process #2 Book #30 - 1944-45
98. Electrical Mechanics Manual Process #2 Book #33 - 1944-45
99. Electrical Mecahnics Manual Process #2 Book #31 - 1944-45
100. Electrical Mechanics Manual Process #2 Book #47 - 1944-45

TEC BOX #16

1. Electrical Changes - 1944-45
2. Emergency Plan - Undated
3. Emergency Plan - Undated
4. Emergency Plan - Undated
5. Production Report (900 Recycle) - 1945
6. Department 181 Operational Procedures - 1945
7. Departmental Monthly Report - 1944-45
8. Procedure Manual - Primary Recovery Department - 1945
9. Material Ready for Shipment - 1945
10. Alpha II Nomenclature FTH-9 - 1944
11. Restricted Material - 1944-45
12. Operational Procedures - Dept. 181 - Undated
13. Number System - Procedures Manual Primary Recovery Dept. - 1945
14. Department 181 - Operational Procedures - 1945
15. Department 181 - Operational Procedures - 1945
16. Department 181 - Operational Procedures - 1945
17. Number System - Procedure Manual - Primary Recovery Department - 1945
18. Operation Procedures for Alpha II Copy XIII - 1944
19. Synchronous Motor - 1945
20. Emergency Plan - Undated
21. Job Description - Trade - 1945
22. Job Description - Power - 1946
23. IIIA.9 Department Directories - 1944-45
24. Departmental Classifications - 1945
25. Job Description - Clerical - Undated
26. Inventory of Material In Safe and File Cabinet - Undated

TEC BOX #16

27. Job Description - Stockkeepers - 1945
28. Job Description - Miscellaneous - 1944
29. Merit Rating - Enlisted Personnel - 1944
30. 111C.7 Job Description and Rates - 1945
31. 1A.3 General Correspondence - 1944
32. 11D.10 Emergency Committee - 1945
33. 111A.3 Electrical Division - 1944
34. 111A.6 Miscellaneous - 1945
35. Classification of Blueprints - Undated
36. 11B.2 Foreman Conference Notes - 1944
37. Staff Change 34Z - 1945
38. Record of Change-Outs - 1944-45
39. IIIB.3 Supervisors Conference Notes - Undated
40. Wage Rates - 1945-46
41. Merit Rating Procedures - 1944
42. Inventory of Tube Serial Numbers - 1945
43. Extra Copies Procedure - 1944-45
44. Misc. - 1945
45. IIIB.5 Receipts for Classified Material - Undated
46. Appointments Ext. P.E. 9201-3-4-5 1101-1599 - 1944
47. Ext. PE's Bldgs. 9201-1; -2; -3; -4; -5 - 1944-45
48. Ext. PE's Bldgs. 9201-3; 4; 5 #12 thru 853 - 1944
49. Ext. PE's Bldgs. 9201-3; 4; 5 #855 thru 1100 - 1944
50. Ext. P.E. 9201-3; 4; 5 #1601 thru 2099 - 1944-45

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TEC BOX #17

1. Ext. P.E. 9201-3; 4; 5 2100-3300 - 1944-45
2. Ext. PE's Buildings 9201-1-4-5 3301 thru 4000 - 1945
3. Ext. PE's Other Bldg. #39 thru 1000 - 1944-45
4. Ext. PE's Other Bldg. 1001 thru 1200 - 1944
- 49 5. Charge Installation 2301-2400 - 1944-45
6. Ext. PE's Other Bldgs. 1201-1399 - 1944
7. Ext. PE's Other Bldgs. 1400-1550 - 1944
8. Ext. PE's Other Bldgs. 1551-1674 - 1944
9. Ext. PE's Other Bldgs. 1675-1799 - 1944
10. Ext. PE's Other Bldgs. 1800-1899 - 1944
11. Ext. PE's Other Bldgs. 1900-1999 - 1944
12. 2000-2200 Other Bldgs. - 1944
- ~~13. 2201-2300 Other Bldgs. - 1944~~ MISSING
- 50 14. Ext. Other Bldgs. 2501 - 1945
15. Ext. Other Bldgs. 2401-2500 - 1944-45
16. Ext. PE's Other Bldgs. 2600-2700 - 1945
17. Ext. PE's Other Bldgs. 2800 thru 2900 - 1945
18. Ext. PE's Other Bldgs. 3000 thru 3100 - 1945
- 51 19. Ext. PE's Other Bldgs 3100 thru 3220 - 1945

TEC BOX #18

1. Progress Report on Corrosion Tests - 1945
2. Q Carbon (Morgan) - 1945
3. Q Carbon (Thick) - 1945
4. Reynolds, W. B. Memoranda - 1943-45
5. Tank Cleaning - 1945
6. Task Breakdown Sheets - 1944
7. Technical Reports & Information Office - 1945
8. Insulators - 1944
9. Instructions for Use of Daily Operation - 1944
10. Inspection - 1944-45
11. Inspection - 1944
12. Forms (M Termination and Transit) - 1944
13. Equipment - 1944
14. Conferences - 1944
15. Conferences - 1944
16. Classified Material - 1944
17. 009 Forms (Samples, all types) - 1944
18. 001 Memorandum (Misc., Unclassified) - 1944
19. Water Leaks in Building 9201-2 - 1945
20. Thin Slits - 1945
21. Termination and Start-up - 1944
22. Termination - 1943
23. Telephones (Memos) - 1944
24. Technical Reports Index Numbering Code - 1945
25. Liner Reports - 1945
26. Manifold Chapman Tests - 1943-44

TEC BOX #18

27. Procedures Operating - 1944-45
28. Process Improvement Weekly Progress Report - 1944-45
29. Helium Leak Detector - 1945
30. Library Special Reports Received - 1945
31. Disaster Program - 1945
- 52 32. Fifth Trade Coordination Meeting - 1944-45
33. Film Studies Photographic Service - 1944
34. Alpha Steering Committee Report - 1945
35. Berkeley Weekly Reports - 1944
36. Chemical Charge - 1945
37. Chemical Charge Abnormal & Bad - 1945
38. Chemical Memos, graphs, reports, etc. - 1944
39. Cubicle Operation Technical - 1944
40. WA - 1000 thru 1110 F General - 1945
41. Alpha II Recovery Meeting - 1944-45
42. Alpha Replacement Program Alpha II Report - 1945
43. Tabulation of Material - Undated
44. WAS's Other Building (F-General) 1100 thru 1200 - 1945
45. Servicing - 1944
46. Servicing - 1943
47. Spare Parts for "XAH" - 1944
48. Ext. Other Bldgs. Pers. 2800 thru 3000 - 1945
49. Ext. PE's Other Building 3346 thru 3400 - 1945
50. Ext. PE's Other Buildings 3309-3345 - 1945
51. Electrolytic Solutions - Undated

TEC BOX #18

52. Ext. PE's Other Buildings 3222-3308 - 1945
53. "K" Shields - 194
54. "M" Units - 1944
55. Material, Critical (Lists & Memo) - 1944
56. Mechanical Services - 1944
57. Meetings - 1944
58. Memorandums (Dept. Supts.) - 1945
59. Memorandums (Distribution) - 1945
60. Memorandums (Misc.) - 1944-45
61. Memorandum (Records Office) - 1945
62. Memorandum - 1944-45
63. Nomenclature - 194
- 53 64. Non-Expandable Property - Undated
65. Outage Classification and Assignment - 1945
66. Process Outage Codes - 1944
67. Process Termination Code (Alpha I) - Undated
68. Receivers (Alpha II) - 1944
69. Report (M. Bushing Improvement) - 1944
70. Status of Experiments - 1944
71. 203 Employee Training & Education - 1944
72. Badges - 1945
73. 314 Conferences - 1944
74. 319 Obsolete Organization - 1943
75. 601 Outage Code - 1944
76. 319 Organization Charts - 1943

TEC BOX #18

77. 606 Distribution of Process Reports - Undated
78. 626 "D" Assembly - 1944
79. 700 Memorandum on Process Development - 1944
80. Alpha I Conversion (U.S.E.D.) - 1945
81. Alpha Termination Charts - 1945
82. P-20017-PC Blackening Alone for Cooling Purposes - 1944
83. D&V Reports - 1945
84. Innage Distribution - 1945
85. Innage Distribution- 1945
86. List of Projects - Undated
87. Personnel - Organizational Listing by Departments - 1944
88. Production Index - 1944-45
89. Manhours per Service Cycle - 1945
90. Run Termination Summary - 1945
91. Special Reports - 1944-45
92. P.D. Changes 9201-5 Approved Sheets - 1945
93. Water-Cooled E-Ratches Alpha II - 1945
94. Summary Report of "D" Cycle Time 9201-1 - 1944
95. Status of "D" S (Work Copier) - 1944
96. Status of "D" S and "M" S (permanent) - 1944
97. "D" S In Tank - 1944
98. "D" Transit Cycle A1, A2 - 1944
99. "D" Cycle Report A1, A2 - 1944
100. "D" Transit Cycle A3, A4 - 1944
101. "D" Transmit Cycle A1 & A2 Permanent - 1944

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102. "D" Transit Cycle A3 and A4 - 1944
103. "D" Transit Cycle A-3 and A-4 (Ditto Copy) - 1944
104. "K" Data Report A-1 and A-2 (Ditto Copy) - 1944
105. "K" Data Report A1-A2 - 1944
106. Weekly Rejection A1-A2 - 1944
107. Weekly Rejection A-1 and A-2 (Ditto Copy) - 1944
108. Weekly Rejection A3-A4 - 1944
109. Active Tests - 1944
110. Special Reports - 1944

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TEC BOX #19

1. Dept. 192 Miscellaneous Corresp. - 1944-45
2. Dept. 192 Miscellaneous Technical Reports - 1945
3. Dept. 192 Monthly Progress Report - 1945
4. Dept. 193 Miscellaneous Corresp. - 1944-45
5. Dept. 194 Miscellaneous Corresp. - 1945
6. Dept. 194 Bromley, B.W. - 1944-45
7. Dept. 195 Miscellaneous Corresp. - 1943-45
8. Dept. 195 Monthly Progress Reports - 1945
9. Dept. 195 Young, H.A. - 1943-45
10. Dept. 195 Technical Reports C-0.350.1 - 1945
11. Dept. 195 Technical Reports C-0.360.1 - 1945
12. Dept. 195 Monthly Progress Reports - 1944
13. 195 Misc. Tech. Reports - 1943-45
14. Dept. 195 Larson, C.E. - 1944-45
15. Dept. 195 CD-PPO Reports - 1945
16. Dept. 195 Monthly Progress Reports - 1945

17. Dept. 195 Technical Reports C-1.350.1 - 1945
18. Dept. 195 Technical Reports C-1.360.1 - 1945
19. Dept. 195 Technical Reports C-1.365.1 - 1945
20. Dept. 195 Technical Reports C-1.370.1 - 1945
21. Dept. 195 Technical Reports C-1.375.1 - 1945
22. Dept. 195 Technical Reports C-3.385.1 - 1945
23. Dept. 195 Technical Reports C-3.320.1 - 1945
24. Dept. 195 Technical Reports C-2.350.1 - 1945
25. Dept. 195 Technical Reports C-2.375.1 - 1945

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26. Dept. 195 Technical Reports C-3.375.1 - 1945
27. Dept. 195 Technical Reports C-5.340.1 - 1945
28. Dept. 195 Technical Reports C-5.350.1 - 1945
29. Dept. 195 Technical Reports C-5.355.2 - 1945
30. Dept. 195 Larson Reports CEL-500 Series - 1945
31. Dept. 195 Technical Reports C-4.360.1 - 1945
32. Dept. 195 Larson Reports 5000 Series - 1945
33. Dept. 195 Technical Reports CDC Series - 1944-45
34. Dept. 199 Miscellaneous Corresp. - 1944-45
35. Dept. 199 - Steward, D.W. - 1944-45
36. W.B. Reynold's Office Miscellaneous Technical Reports - 1944-45
37. 15.3 Conferences - Beta Polatron Meetings - 1943-44
38. 41.1 Reports Progress - 1943-44
39. 42.1 Refining Division Reports on Runs (XBX-Daily and Weekly) - 1944
40. 41.8 Reports - Salvage - 1944
41. 42.1 - Refining Division Reports on Runs (XBX Daily and Weekly) - 1943-44
42. 41.5 Reports-Process Sampler - 1944
43. Reports - Chloride - 1944
44. 41.2 - Reports -Charge Bottle Filling - 1943-44
45. 41.7 - Reports - Refining Sampler - 1943-44
46. 41.6 Reports - Recovery (XBX) - 1943-44
47. Kyger - Meetings - 1945
48. Alpha Recovery Meeting - 1945
49. Chemical Division Operating Manual - Master Copy - 1945

TEDC BOX #20

1. Meetings and Conferences - 1944
2. 1.0 Miscellaneous Lists B.P. Nos. - 1943
3. 1.1 Miscellaneous - Blueprints, Charts & Sketches - 1943
4. ~~Blueprints 9204-3 - 1943~~
- 57 5. Quantative Oper. Report - 1944-45
6. Chem. Oper. Expense State - 1944-45
7. House Keeping Report - 1945
8. Lists of Reports - 1944-45
9. Meetings - Utilization Efficiency Runs - 1945
10. D.C. Hull General Data - 1945-46
11. Chemical Catalogue - Undated
12. 10 Weekly Sample Summary - 1944-46
13. 11 Weekly Precision and Accuracy Reports - 1945-46
14. Operating Procedure Department 180 - 1944
15. The Still (Building 9202) - 1945
16. The Oliver Filter - 1945
17. Record of Incoming Secret and Confidential Reports - 1945-46
18. ~~Miscellaneous from Various Depts. - 1945-46~~
- 58 19. 40.4 Reports from H.W. Winkler - 1945-47
20. 40.4 Reports from W. J. Wilcox - 1945-46
21. 40.4 Reports from John W. Morfitt - 1945
22. 40.4 Reports from R. H. Morris - 1945
23. 40-12 Rockett Efficiency Results - 1945-46
24. 40.41 Medical Department Reports - 1945
25. Departmental Inventory Report - Transfers - 1946

TEC BOX #20

26. Departmental Inventory Report - Transfers - 1946
27. Departmental Inventory Report - Transfers - 1946
28. Departmental Inventory Report - Transfers - 1946
29. Departmental Inventory Report - Transfers - 1946
30. Departmental Reports (Inventory) Transfers - 1946
31. Departmental Inventory Report - Transfers - 1946
32. Departmental Inventory Report - Transfers - 1946
33. Departmental Inventory Report - Transfers - 1946
5434. Departmental Inventory Report - Transfers - 1946
35. Departmental Inventory Report - Transfers - 1946
36. Departmental Inventory Report - Transfers - 1946
37. Departmental Inventory Report - Transfers - 1946
38. Departmental Inventory Report - 1945-46
39. Departmental Inventory Reports - 1946
40. Departmental Inventory Report Transfers - 1946
41. 1000 Recycle - 1947

TEC BOX #21

1. Q.D.I.R.1 - 1946-47
2. Departmental Inventory Report - 1945
3. Departmental Inventory Reports - 1945
4. Departmental Inventory Report - 1946
5. Departmental Inventory Report Transfers - 1946
6. Departmental Inventory Report Transfers - 1946
7. Departmental Inventory Transfers - 1946
8. Departmental Inventory Report Transfers - 1946
9. Departmental Inventory Report Transfers - 1946
10. Departmental Inventory Report Transfers - 1946
11. Departmental Inventory Report Transfers - 1946
12. Departmental Inventory Report Transfers - 1946
13. Departmental Inventory Report Transfers - 1946
14. Requests for Analysis and Essays - 1944
15. Accounting - Operating Expense Statements - 1944-45
16. 10.86 - Conferences - Miscellaneous - 1943-45
17. 10.84 - Chemical Division Conferences - 1944
18. 10.83 - Chemical Division Weekly Conf. - 1944
19. 10.43 R.O. - States of Batches - 1944
20. Report Lists - 1943-44
21. 10.55 Weekly Progress Reports - Misc. - 1943
22. 10.81 Beta Chemistry Conference Notes - 1943-44
23. 10.82 Beta Design Meetings - 1944-45
24. Library Reporting Lists Kyger - 1945
25. Dept. 195 - Smyth, F.A. - 1944
26. Miscellaneous - Department 192 - 1944-45

TEC BOX #21

27. Batching - 1944-45
28. Daily Production Inventory Report Alpha II - 1945
29. Personnel - Old Requirements - 1944
30. Report - Personnel Summary C-878 - 1945-46
31. Safety and Housekeeping - 1944-45
32. C.A.C.D Division Meeting - Minutes - 1044-45
- 61 33. Sampling Reports - 1944-45
34. Organizatio Charts - 1944-45
35. Monthly History Report - CACD - 1944-45
36. Steering Committee - Minutes - 1945
37. Procedure for Transmitting Material from Y-12 to Bldg. 2714G - 1945
38. Young Reports Patterson's File 4001 to 4010 - 1945
39. Young Reports Hanson's File 4001 to 4010 - 1945
40. Young Reports Patterson's File 4101 to 4110 - 1945
41. Young Reports Hanson's File 4101 to 4110 - 1945
42. Young Reports Hanson's File 4011 to 4020 - 1945
43. Young Reports Patterson's File 4022 to 4020 - 1945
44. Young Reports Patterson's File 461 to 470 - 1944
45. Young Reports Patterson's File 472-480 - 1944
46. Young Reports Patterson's File 481 to 490 - 1944

TEC BOX #22

1. CD-F-4 Pattersion - 1945
2. Cd-GS-21-30 Patterson - 1945
3. CD-GS-41-50 - 1945
4. Dept. 175 Monthly Progress Report- 1944
5. Salvage - 1945
6. 10.65 Corrosion - 1944-45
7. CD-GS Reports Patterson's File 11 to 20 - 1945
8. CD-GS Reports Hanson's File 11 to 20 - 1945
9. CD-GS Reports Patterson's File - 1944-45
10. CD-GS Reports Hanson's File 1 to 10 - 1944
11. CD-4031-4040 - 1945
12. Young Reports 4021-4031 Patterson - 1945
13. Young Reports Patterson's File 491-500 - 1944-45
14. Miscellaneous Reports - 1944-45
15. Richardson, J.R. - 1944
16. W. B. England - 1945
17. Chem S 571-580 - 1944-45
18. Chem S 561-570 - 1945
19. Abstract Extension - PE's - 1944
20. CD-GS-31-40 Hanson - 1945
21. Cd-GS-21-30 Hanson - 1945
22. CD-GS-31-40 Patterson - 1945
23. Record of Use of Classified Material - 1944-45
24. Sublimation 900 Material - 1945
25. Secret and Confidential Incoming Mail - 1943-45
26. Incoming Secret and Confidential Mail REcord - 1943-44

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27. Records of Use of Classified Material - 1943-44
28. Secret and Confidential Outgoing Mail - 1943-44
29. Special Recovery and Bulk Treatment- 1945
30. Refining Salvage Department Operational Procedures - undated
31. Alpha General - 1945
32. Alpha 188 - 1945
33. Alpha 181 - 1945
34. Daily Material Balance Line 2 - 1944
35. Alpha 180 - 1945
36. Alpha II Design Etc. - 1944-45
37. Daily Production Reports - 1944
38. S-50 - 1944-45
39. Production Charts - 1944-45
40. Miscellaneous Reports - 1945-46
41. JAK-CD 6635 - 1945
42. JAK-CD 7016 - 1945
43. JM Googin Reports - Kyger's Copies - 1945
44. Contract 7401 Eng 23 - 1945
45. Effort of Change Bottles of Uniform Concentration - 1945
46. Program Rept. on Corrosion Test TC-14 - 1945
47. Dust & Fumes - 1944-45

TEC BOX #23

1. Emergency Plan - Undated
2. Emergency Procedure - Alpha Process Division - Undated
3. 175.2 Approval Sheets - 1944-45
4. 9204-1 Centrifuge Weep Holes - 1945
- 65 5. 9204-1 Amberlite System - 1945
6. 9204-1, 2, 3, 4 Dept. 186 "H" Casting Funnel - Cover - 1945
7. 9204-1, 2, 3 Measuring Tank - 1945
8. 9204-1 "J" Casting Plug Clamp - 1945
9. 19.0 Analytical Levels of RSP Solutions Dept. 180 - 1946-47
10. 9204-3 Evaporating Systems - 1945
11. 9206 Centrifuge Books - 1945
12. 9211 Blue Prints and Drawings - 1945
13. 9212 Chemical Area - 1945
14. Restricted PE's - 1945
15. 9733-4 Lightening Stirrer Bracket - 1945
16. 9733-4 Auxiliary Piping Distilled Water and Drainage Rm. -1, 201 - 1945
17. 40.5 Schmidt, A.C. - 1945-46
19. 40.5 Reports from Gordon Steele - 1945-46
20. 40.5 Reports from D. W. Meier - 1945-46
21. 40.5 Reports from D. W. Stewart - 1945
22. Flow Sheets - Alpha Chemical Div. 1945
23. Flow Shets - Alpha Chemical Division - 1945
24. Beta, Chemicals Div. Operational Flow Sheets - 1945
25. 175-5. Kyger, J.A. - 1945
26. 175-7. Abbott, W. K. Staff Report - 1945
27. 175-8. Allen, J. B. Staff Report (b) - 1945

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28. 175-8. Allen, J. B. Staff Report - 1945
29. 175-9. Andoutsopoulos, A. Staff Report - 1945
30. 175-10. Barnes, L. E. Staff Report - 1945
31. 175-11. Boody, F. P. Staff Report - 1945
32. 175-12. Devein, B. D. Staff Report - 1945
33. 175-13. Graham, A. F. Staff Report - 1945
34. Data Record Forms - 1943
35. 9206-1 Plans and Elevations - 1944
- 66 36. 9706-1 Remodling - 1944
37. Points and Drawings Lists - 1943
38. Diagram of Carbons - 1944-45
39. Procedures Book - Department 181 - 1945
40. Job Breakdown Sheets for Training Man on New Job - 1944
41. Emergency Plan - 1945
42. Alpha Conversion 900 Material - 1945
43. Emergency Plan - 1945
44. Primary Recovery 900 Material - 1945
45. Salvage Department 900 Material - 1945
46. Bottling 900 Material - 1945
- 67 47. Refining Primary Recovery Dept. - 186 - Operation Procedures - 1944
48. All Departments 900 Material - 1945
49. All Departments 700 Material - 1945
50. Chemical Division Organization - 1946

TEC BOX #24

1. R. Pearlman 181 - 1945
2. Dept. 185 Ballard, A. E. - 1944-45
3. Dept. 182 Special Daily Report (800 Series) (a) - 1944-45
4. Dept. 182 Elliot O.Z. Correspondence - 1944-45
5. Dept. 182 Special Daily Report (900 Series) (a) - 1945
6. Dept. 182 Schmidt, R. J. Correspondence - 1944-45
7. Dept. 182 Special Daily Report (800 Series) (b) - 1945
8. Shipments of 4 to X - 1943
9. Dept. 180 Miscellaneous Technical Reports - 1945

- 68 10. List of Confidential and Secret Documents and Letters Emanating from Code #4 and Chem. Group - 1943
11. Dept. 182 Schrader, R. J. correspondence - 1944-45
12. Dept. 182 Miscellaneous Corresp. - 1944-45
13. Dept. 185 Misc. Correspondence - 1943-44
14. Dept. 182 Monthly Progress Report - 1944-45
15. Dept. 185 Brighman, H. R. - 1944-45
16. Dept. 185 Miscellaneous Technical Reports - 1943
17. Dept. 182 Miscellaneous Technical Reports - 1945
18. Dept. 185 Griffith, R. L. - 1944
19. Dept. 185 DeCross, G.C. - 1943-44
20. J. Arthur Widmer - 1943
21. Corresp. Flamary, R. L. - 1943
22. Akin, George A. - 1943
23. Stone & Webster Receiving & Inspection Sheets - 1943
24. 3.8 Knoxville Correspondence - 1943
25. Dept. 185 Monthly Program Report - 1944

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26. 9733 Materials Ordered - 1943
27. Corres. Conklin, F. R. - 1943
28. To and From A. E. Ballard - 1943
29. Corres. - M - R - 1943
30. Correspondence S. Z. - 1943
31. P&D Schedule - 1943
32. Ames, S. B. - Undated
33. Corres. A-E, 1943
34. Dept. 180 Chemical 920 - 1945
35. Dept. 181 Production Reports by Buildings (b) - 1945
36. Dept. 181 Production Reports by Buildings (2) - 1944-45
37. Dept. 181 Weekly Production Report (900) - 1945
- 69 38. Dept. 181 Miscellaneous Corres. - 1945
39. Dept. 181 Weekly Production Report (700) - 1945
40. Dept. 180 Monthly Progress Report - 1943-45
41. Dept. 181 Quina, Martin Correspondence - 1944-45
42. Dept. 181 Wilder, C. D. Correspondence - 1944-45
43. Dept. 181 Monthly Progress Report - 1944-45
44. Dept. 181 Wilder, C. D. Correspondence - 1945
45. Dept. 175 Misc. Technical Reports - 1945
46. Dept. 180 Chemical 731 - 1944-45
47. Dept. 180 Miscellaneous Corres. - 1944-45
48. 175 - 19 Miller, W. M. Staff Report - 1945
49. 175 - 22.1 Rorick, J. A. Staff Report - 1945
50. 175 - 22.1 Perschon A. R. Staff Report - 1945

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51. 175 - 23 Schmidt, Kentler & Sprague Staff Report - 1945
52. Dept. 180 Coordination Meetings J. A. Kyger - 1945
53. Dept. 180 Charge Materials - 1944
54. Dept. 180 Bottling Reports - 1944-45
55. Dept. 180 Graphs - 1943-44
56. Dept. 180 S-50 & K-25 Feed Materials - 1944
57. 175-1 Patterson Misc. Corresp. - 1943-44
58. 175-2 Memos to Department Heads - 1945
59. 175-14 Neath, R. A. Staff Report - 1945
60. 175-15 Henry, J. M. Staff Report - 1945
61. 175-16 Leonard, R. A. Staff Report - 1945
62. 175-17 McCoy, W. E. Staff Report - 1945
63. 175-18 Meir, D. W. Staff Report - 1945
64. 175-22 Morris, V. R. Staff Reports - Undated
65. 175-23.1 Seven, Ray - 1945
66. 175-33 Schmidt, Alfred C. - 1945
67. 175-32 Gillis, Milne & Koppel - 1945
68. 175-30 Googin, Strickland & Sprague - 1945
69. 175-27 Wieland, R. M. Staff Report - 1945
72. 175-26 Walker, D. V. Staff Report - 1945
71. Phenomena In the J FTH-6 - 1944
72. 175-24 Stephens, J. F. Staff Report - 1945
73. Dept. 177 Akin, G. A. - 1943
74. Dept. 178 White, D. H. - 1945
75. Dept. 180 Bell, Alan - 1945

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76. Dept. 180 Weekly Reports Bulk Treatment Production - 1944

- 70 77. 180 J. M. Googin - 1944-45
78. Dept. 180 Bell, Alan Correspondence - 1944-45
79. Rebuilding of Alpha II M Units - 1945
80. Dept. 180 Experimental Work by Googin, Strickland, & Noble - 1944-45
81. 180 J. R. Noble - 1944-45
82. W. B. Webster - 180 - 1945
83. Ginkle, W. L. - 180 - 1945
84. Dept. 180 Brown & Green Residues - 1944
85. Dept. 180 Chemical 931-C - 1945
86. Dept. 180 Chemical 723 (Mallinkrodt) - 1944
87. Course Outline 180-182 - 1945
88. Operating Procedures - Dept. 180 - 1944
89. Operating Procedure Dept. 180 - 1944
90. Beta Stage Purification Research Program and Personnel Requirements
1943
91. Organization Charts - obsolete - 1943
92. Inventory Records Crede and Sublimed Material - 1943-45
93. Job Description - 1943

TEC BOX #25

- 71 1. 1.4 Ellis, James - 1943
2. 1.31 - Conklin, F. R. - 1943-45
3. 1.61 - Hull, D. C. - 1945
4. 1.6 - Hecker, J. C. - 1944
5. Record of Use of Classified Material - 1944-45
6. Memorandum to Capt. G. W. Willard - "Outage Rating of Failure Terminations" - 1/18/45
7. Special Samples Submitted to Chemists for Analysis - 1943
8. Notebook - Miscellaneous Correspondence - 1943
9. PE (Misc.) - 1944-45
10. Chem S-149 CG-25/6 - 1943
11. Chem S-149 CG-25/5 - 1943
12. Chem S-149 CG-25/2 - 1943
13. Chem S-149 CG-25/3 - 1943
14. Chem S-149 CG-25/4 - 1943
15. 3.2 to and from J. G. McNally - 1943
16. Daily Inventories, Unsublimed 4 - 1943-45
17. 3.4 Weekly Progress Reports by C. E. Larson - 1943-45
- 72 18. 3.3 Weekly Progress Reports to J. G. McNalley - 1943
19. 2.14 Beta Recovery - 1943-45
20. Miscellaneous Correspondence - 1943
21. Patterson, J. L. Rochester Correspondence - 1943
22. Tucker, W. M. - 1943
24. Hanson, W. T. Rochester Correspondence - 1943
25. Ballard, A. E. Rochester Correspondence - 1943
26. Rochester Correspondence (Misc.) - 1943

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27. Boyer, Robert Q. - 1944
28. Rich, S. S. C. - 1943-45
29. Jenkins, T. A. - 1943-44
30. Kamen, Martin B. - 1943
31. X.A. Correspondence - TEC Group - Miscellaneous - 1943
32. X.A. Correspondence - R. L. Group - Miscellaneous - 1944
33. Starr, Chauncey - 1943-44
34. Safety - 1944-45
35. Information 1-Library Report Lists - 1943
36. 3.8 Safety - 1944
37. 37 Refining - 1943-44
38. Process Imp. Tec. Liner Runs - 1945
39. Process Improvement - 1945
40. Process Improvement - 1945
41. 3.6 Process Improvement - 1944-45
42. 3.5 Process - 1943-45
43. 3.4 Operating Services - 1944
44. Chem. Division Buildings and Equipment Prog. 3.2-15 - 1945
45. Engineering - Request for Work Requisites - 1945
46. Engineering - SER Approvals - 1944
47. Engineering - General Corresp. - 1945
48. Engineering - General Corresp. - 1944-45
49. Engineering - General Corresp. - 1943-45
50. 3.1 Electrical - 1944-45
51. J. P. Baxter - 1945

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- 52. 1.91 - Webb, J. H. - 1945
- 53. 1.8 Powers, S. A. - 1943
- 54. 1.9 - Warren, Lee G. - 1945
- 55. J. G. McNalley 1.7 - 1945
- 56. 1.7 McNalley, J. G. - 1943-44

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1. Wines - 1943-1944
2. 2.1 Kraus, C. A. - 1943-1944
3. Miscellaneous - 1943-1944
4. Hall, V. C. - 1943-1944
5. Miscellaneous Technical Reports - 1943-1944
6. Telephone Conversations - 1943-1944
7. Approval of Equipment Changes - 1944
8. Alpha II Recovery - 1944-1945
9. 10.62 Tests on Trancil Oil - 1944
- 74 10. 10.91 - Chemical Division Procedures - 1943-1944
11. 10.92 - Process Division Procedures-9201 - 1943
12. 2.3 Robinson, M. K. - 1943
13. Precision and Accuracy Report - 1945
14. 2.2 Lawrence, E. O. - 1944
15. U.S. Army Miscellaneous Technical Reports - 1944
16. Sublimation of 731 by Schmidt & Sprague - 1943
17. Counting Reports by R. L. Morris - 1944
18. 10.68 - List of Reports Received from USED - 1944
19. 10.66 - Reports-Health Hazards - 1943-1944
20. Daily Production Inventory Report - 1944
21. 10.54 - 9731 XBX Progress Reports - 1943-1944
22. 10.51 - Monthly Reports to Dr. Hecker - 1943-1944
23. 10.42 - D.P.C.R. - Process Samples - 1944
24. 10.53 - Weekly Reports to Dr. Hecker - 1943-1944
25. 10.56 - History Report - 1943-1945
26. CD - MPR Hecker - 1945

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27. Miscellaneous Reports - 1944-1945
28. 10.64 - Allen, C. F. H. - 1943
29. Miscellaneous Reports - 1943-1945
30. 10.85 - Conference Re Equipment (S&W, etc.) - 1943-1944
31. Authorized Procedure A. E. Ballard - 1945
32. PE-2300 - 1943-1945
33. PE-2400 - 1944-1945
34. PE-2470 - 1944-1945
35. PE-2500 - 1945
36. PE-2500 - 1945
- 76 37. PE-2600 - 1945
38. PE-2700 - 1945
39. PE-2800 - 1945
40. PE-2900 - 1945
41. PE-3100 - 1945
42. PE-3000 - 1945
43. PE-3200 - 1945
44. PE-3300 - 1945
45. PE-3400 - 1945

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1. Miscellaneous Reports and Correspondence - 1943-1945
2. Miscellaneous Reports and Correspondence - 1943-1945
77. Variables Affecting Cold Peroxide Precipitation of T in Beta Gunk Under Conditions of Plant Production and A Recommended Operating Procedure - 1946 (4 copies)
4. General Theory - 3/17/44
5. Miscellaneous Reports - 1944-1945
- 78 6. Pictures - 1944
7. Barbershop and Sump - 8/28/44
8. Correspondence - Stone & Webster - Miscellaneous - 1943-1944
9. Variables Affecting Cold Peroxide Precipitation of T in Beta Gunk Under Conditions of Plant Production and A Recommended Operating Procedure - 1/10/46
10. Building 9202 - 1943-1944
11. 9202 - 1944
12. Building 9202-Ext. - 1944-1945
13. Building 9201-1, 2, 3, 4, and 5 - 1943-1945
14. S&W Correspondence - 1945
15. Building 9203 - 1943-1944
16. Building 9203-Equipment Lists - 1944
17. Building 9204-1, 1943-1944
18. Building 9204-1 & 2 - 1943-1944
19. Building 9204-2 - 1943-1944
20. Building 9204-2 & 3 - 1944
21. Building 9204-3 - 1944
22. Building 9206-Equipments Lists - 1944
23. Building 9205 - 1943
24. Building 9206 - 1944

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25. Building 9207 Bulk Treatment - 1944
26. Building 9207 - 1944
27. Building 9207 - 1944-1945

28. Building 9210 - 1944
29. Building 9211 - 1944-1945
30. Building 9731 - 1943
31. Building 9723 - 1944
32. Building 9733 - 1943
33. Building 9744 - 1944
34. Procedures In Boston Office Weekly Report - 1943-1944

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1. Med. Report - 1945
2. Reports - Shrencengost (Building 9201-3) Dr. Shipley's copies - 1945
3. Used Data - 1944-1945
4. University of California - 1943-1944
5. X-Can Backlog - 1945
6. Progress Reports - 1944
7. Progress Reports - 1945
8. Instructions for "E" Kovar "R" Water Line Insulator Installation -
2/2/45
9. Progress Reports - 1944
10. Progress Reports - 1945
- 80 11. Progress Reports - 1945
12. Progress Reports - 1945
13. Progress Reports - 1945
14. Progress Reports - 1945
15. Progress Reports - 1945
16. Test Approval Memos - 1945
17. Terminations-Used Summary, 9201-3 - 1944-1945
18. Terminations-Used Summary, Beta - 1944-1945
19. Termination Summary-Used Summary, 9201-5 - 1944-1945
20. Termination-Used Summary, 9201-4 - 1944-1945
21. Water Leaks-Used, PI, Weekly Reports - 1944
22. Water Leaks-9201-2 - 1945
23. Water Cooling on Alpha 1/5 μ Units - 1944
24. Vacuum Analyzer, Westinghouse - 1944
25. Trouble Shooter's Manual, Operating - 1944

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26. Reports - Weekly, Buildings 9201-4 and 9201-5 - 1944-1945
27. Trancil Oil - Building 9201-3 - 1944
28. Trancil Oil - Building 9201-1 - 1944
- 8/29. Pre Med Tests - 1944
30. Defining Slot - 1944
31. C-Nose-Special Design - 1944-1945
32. Report-Status of Special Features in 9201-2 - 1945
33. Alpha Production Projects No. 60, 61, 62, and 63 - 1945
34. Alpha Production - 3/28/45
35. Alpha Process Division, An Emergency Procedure for - 1945
36. Alpha 14B Conversion - 1944-1945
37. Alpha IE Adopted - 1944-1945
38. D. J. Shrencenpost Receipts for Classified Material - 1945
39. Type IV Collimating Slot - 1945
40. Charge Bottle Heaters - 1944
41. Coulombmeter Data - 1944
42. Equipment-Alpha Process, Additions and Alterations - 1944-1945
43. Enhancement Tests - 1945
44. II Alpha Wiring Diagrams - 1944
45. E Program - 1944
46. H Temperature and Average Pumpdown Time - Undated
47. Gage and Tool Change Notice Alpha Process Division - 1945
48. Description of G&M Flurry Suppressors - 1945
49. Equipment - Alpha Process, Additions and Alterations - 1945
50. Library, Technical Additions - 1944-1945
51. Leak Hunting - 1945

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- 52. "K" - Special Data Report - 1944
- 53. K Filaments, Report on Special - 1945
- 54. Job Priorities - 1944

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TEC-BOX #29

1. Organization Charts - 1945
2. Army & Navy Personnel - 1944
3. Miscellaneous Correspondence - 1944
4. Personnel Submitted - 1945
5. Veal - XAXH Operations Manual - 4/14/44
6. Alpha II Nomenclature FTH-9 - 1944
7. Plant Roll - 1944
8. Operating Procedures - 12/31/43
9. Technical Suggestion Committee - 1945
10. Magnetic Shims FTH-3 - 6/30/44
11. Hourly Roll - 1945
12. Salary Rate Authorization - 1945
13. Supervision - 1945
14. Change Sheet, Serial #451 and Revisions - 1945
15. Emergency Plan - 7/3/45
16. Emergency Plan - 7/3/45
17. SO Catalogue Alpha I Plates - 1945
18. Emergency Plan - Alpha Process Division - 1945
19. Catalog Alpha II Plates 37 - 7/27/45
20. Q Carbons, Morgan vs. Standard - 1945
21. McLeod Gages - 1945
22. M&E Tolerances: 9201-5 - 1945
23. M Bushing - Daily Status Report - 1944
24. M Bushing Diagrams - Alpha II - 1944
25. M Bushing Group Report - 1944-1945
26. M Bushing Improvement Group - Alpha II - 1944

TEC-BOX #29
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27. Mechanical Service Procedure - 1944
28. Med - Miscellaneous - Obsolete - 1943-1944
29. Meetings - Alpha I - MED - 1945
30. Meetings - Alpha 1/5 Recovery - 1944-1945
31. Meetings - Alpha II Recovery - 1944
32. Meeting -- Alpha II and Track 5 Coordination - 1944
8433. Meeting - High Voltage Measurements, Alpha II - 1944
34. Meeting - Mechanical Coordination PI Division - Undated
35. Meeting - RL and Process Personnel - 1944
36. Mechanical Service and Supply Meeting - 1945
37. Nickel Content - 1945
38. Nomograph - 1945
39. Operating Procedures II - 1945
40. Operational Test of Slightly Bowlegged K's - Final Report - 1945
41. Operations Group Used - PI - 1944
42. Parts Catalog-Alpha I Parts - 1945
43. Alpha 1/5 & II Parts - 1945
44. Personnel - Used - PI Assigned to Alpha II - 1944-1945
45. Philips Ion Gage, Graphs, etc. - 1944
46. Philips Ion Gage, Minutes of Meeting on - 1944-1945
47. Philips Ion Gage, Report on D.C. - 1944
48. PI & RL Tests - No. 101-199 on Bushings - 1944
49. PI & RL Tests - No. 401-499 K (No Applications) - 1944
50. PI & RL Tests - Unnumbered Tests Blue Prints - 1944
51. Pressure, Effect of Production on - 1945
52. Procedures, Authorized - 1944

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53. Process Servicing Instruction Sheets Servicing 9201-1 - 1944-1945
54. Process Efficiency Tests - 1945
55. Q and U Adjustments - 1945
56. Reports A. P. Schreiber - Undated
57. Rubber Model - Photographs - 1945
58. Photographs - 1945
59. Skirt, Q - 1945
60. Solder Analysis - 1944
61. Tank Wall Protection by Metallic Curtains - 1945
62. TEC Policies - 1943
63. Technical Library Document Code System - 1945
64. Terminations, Outage Rating of Failure - 1945
65. Emergency Procedure - Alpha Process Div. - 1945
66. Process Manual Alpha I - 1945
67. Sparking Flurries - 1945
68. Emergency Plan - Undated

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1. Procedures (General) - 1943-1945
2. Memoranda, A. D. Caley - 1945
3. Memoranda, A. D. Caley - 1945
4. Annual Progress Report - PD - APR - 1944
5. Weekly Meeting Report - PD -WPR - 1945
6. Weekly Mechanical Coordinator Meeting - 1945
7. Monthly Progress Report - PD - MPR - 0 - 1944
8. ~~Weekly Status Sheet - FAWD - S - 0 - 1945~~

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9. Monthly Progress Report - PDMPR - 1945
10. Weekly Progress Report - FAWD - 0 - 1944-1945
11. General - 1945
12. Passes - 1944-1945
13. Organization Charts (CEW - TEC), 1943-1945
14. Department Numbers (All Divisions and Departments) (1944-1945
15. Classified Material - 1943-1945
16. Manufacturing Experiments Department Meeting Report - 1944-1945
17. Manufacturing Experiments Department Weekly Report on Experiments -
1944-1945

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18. General - 1944-1945
19. Military Personnel - 1944-1945
20. Job Description - 1945
21. Incentives - 1944
22. Employees In Training (Weekly Report) 1944
23. Employment - 1944-1945
24. Appointments (Other Departments) - 1944
25. Accidents and Injury - 1944-1945

TEC-BOX #30
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26. Experiments Building 9201-2 - 1944-1945
27. Refining Division - Weekly Report on Experiments - 1944-1945
28. Post-run Inspections - 1945
29. Manufacturing Experiments Department Monthly Report on Experiments
1944-1945
30. Miscellaneous - 1943-1945
31. Weekly Personnel Summary (By jobs) - 1944-1945
32. Safety Department - 1943
33. Personnel Summary (Monthly) - 1945
34. Personnel Reports and Manpower Studies - 1943-1945
35. Personnel Summary - 1944-1945
36. Personnel Summary - 1945
37. Personnel Reports and Manpower Studies - 1943-1945
38. Transportation - 1945
39. Training - 1943-1944
40. Rates and Merit Rating - 1944-1945
- 88 41. Report on 1/3 Reduced Geometry - 1945

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- 89 1. 113-A-2 Progress Reports XAX-PR - 1943-1944
2. 113-A-3 Daily Operational Digest XAX-DOD - 1944
3. 113-A-4 Weekly Operational Charts XAX-WOC - 1943
4. 113-A-5 Statistical Summary of Runs XAX-STAT - 1943
5. 113-A-6 Daily Abstracts XAX-BA - Undated
6. 113-B-4 Weekly Run Summary 9201-1-WRS - 1943
7. 113-B-7 Digest of Tank Operations 9201-1-STAT - 1943
8. 900-A Manufacturing Preliminary Prints, etc. - 1943
9. 900-B Manufacturing Approved Prints, etc. - 1943-1944
10. 900-C Stone & Webster Prints - 1943
11. 900-D Manufacturing Instructions Books - 1943-1944
12. 900-G TEC Sketches - 1943
13. 900-F Transmittal of Prints, etc. - 1943
14. Daily Operational Digest - 1943
15. Weekly Progress (Status) Report PD-WPR-0 Minutes of Meetings -
1943-1944

- 90 16. Daily Operational Digest - VAX Record - 1944
17. 113-A-1 Weekly Run Summary VAX-WRS - 1943-1944
18. Building 9201-1 - 1945
19. 113-E-5 Weekly Status Sheet - FAWD-S1 - 1944
20. Status Report (Replacement Program) - 1945
21. Weekly Run Summary-9731 XAX - 1943
22. Weekly Run Summary 9201-1 - 1943
23. 113-E-6 Production Division - Statistical Summary of Operations &
Production-PM - 1944
24. XAX - Weekly Report on Experiments - 1945
25. Experiments-Building 9201-4 and 5 - 1945

TEC-BOX #31
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26. Experiments-Building 9201-3 - 1945
-
- 91 27. Weekly Progress (Status) Report PD-WPR-0 - 1944
28. Weekly Progress Report - 1944
29. Weekly Progress Report PD-WPR - Undated
30. 113-E-1 Weekly Progress Reports (All Buildings) FAWD - 1944
31. Weekly Progress Report - 1943-1944
32. Weekly Abstracts 9731-XAX - 1943
33. Run Termination 9731-XAX - 1944
34. Reports - Alpha II and Track 5 Coordinator Meeting - 1944
35. 115-D Production Manager's Meetings - 1943
36. Monthly Progress Report 9201-4 - 1944
37. Monthly Progress Reports 9201-3-WPK-0 - 1944
38. Monthly Progress Reports 9201-2-MPR-0 - 1943-1944
39. Monthly Progress Reports 9201-1-DSR-0 - 1943-1944
40. 115-B Foreman's Meeting - 1943
41. 113-B-3 Daily Progress Reports 9201-1 Prod. D. - 1943
42. Correspondence originally assigned to R. L. Rogers - 1943
43. Boston Procedure - 1944

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1. Daily Operational Digest XAX - 1943
2. Daily Operational Digest-9201.1 - 1943
3. Daily Operational Digest-9731-XAX-XAX-DOD-101 through 140 - 1943-1944
4. List of Manufacturers Prints - 1943
5. Manufacturer's Instruction Books - 1943
6. Tank Operation Record - 1943
7. Running Operation Sheet-9201-1 - 1943
8. Running Operation Sheet-9201-1 - 1943
9. Special Reports Received in Technical Library - 1944
10. Material & Equipment Records - Material and Equipment Records Obsolete File - 1943
11. Process Division Annual Progress Report - 1945
- 93 12. Chemical Recovery - 1945
13. Alpha I Conversion - 1944-1945
14. Construction (S&W) - 1945
15. Construction (S&W) - 1943-1944
16. Deficiencies - 1943
17. Electrical - 1945
18. Electrical - 1943-1944
19. Mechanical - 1944-1945
20. Post Run Inspection (Daily Report) - 1944
21. Servicing - 1944
22. Vacuum - 1944
23. Shutdown Procedures - 1945
24. Re-Efficiency Run - 1945
25. Low Image and No. Image Reports - 1945

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26. Mechanical Data (Misc., Memos, etc.) - 1945
27. Water System - 1944
28. Daily Status Report - 1944
29. Alpha II Improvements - 1944
30. Production Data Miscellaneous Information Memos, etc. - 1944-1945
31. Mechanical - 1944
32. Alpha 1/5 & II Enhancement (Enhanced Feed, Special Charge, etc.) - 1944-1945
33. Production Index Data - 1944
34. Production Data (Prediction Curves, Charts, figures, etc.) - 1944-1945

- 92* 35. Operations - 1945
36. Vacuum - 1945
37. Chemical Recovery - 1943-1945
38. Alpha II Model 400 Units - 1945
39. Charge Bottle - 1944-1945
40. Oil System - 1944
41. Operations - 1944
42. Miscellaneous - 1943-1944
43. Water System - 1943-1944
44. Chemical Recovery - 1945
45. Electrical - 1943-1944
46. Mechanical - 1944-1945
47. Construction S&W - 1943-1945
48. Mechanical - 1944
49. Oil System - 1945
50. Operations - 1944-1945

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51. Operations - 1943-1945
52. Serving - 1945
53. Serving - 1943-1944
54. Vacuum - 1945
55. Water System - 1945
56. Oil System - 1944
57. Special Projects Reports Alpha Production -- 1945
58. Termination Report (Daily) - 1945
59. Termination Report (Daily) - 1945
60. Termination Report (Daily) - 1945
61. Accounting Code - 1945
62. Badges & Passes (To Y-12 Area) - 1945
63. Personnel - Personnel Summary Needs - 1944-1945
64. Personnel - Operating - 1945
65. Safety - 1943-1945
66. Suggestion Supervisor - 1945
67. Nomenclature - 1943
- 95 68. Construction (S&W) - 1945

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1. Termination Analysis - 1944
2. Weekly Rejection Report - 1944
3. Survey of XAX Operations - 1943
4. Statistical Summary - 1943
5. Start-up and Testing Schedule - Building 9201-1 - 1943
6. Special Tests - 1944
7. Schedule Completion Y-12 Schedule for Stainless Steel "J" Assembly
1944
8. Monthly Operation and Progress Reports XAX - 1943
9. Memos from Mr. Reynold's Office - 1943-1944
10. Equipment Numbering System - 1943
11. Color Code and Chemical Nos. - 1943
12. Assembly for D's for 9201-2 - 1943
13. Approval Sheet - 1943
14. Alpha I Slit Cleaner - 1944
15. Progress Report (Weekly-Building 9201-1) - 1943-1944
16. Progress Report (Daily - Building 9201-1) - 1943
17. Vac-General - 1944-1945
18. Thick Q Carbons - 1945
19. Special Tests - 1944-1945
20. Control of Vapor Pressure In The "J" T.M.II - 6/6/45
21. Water-Water Lines - 6/29/45
22. Gauges-Phillips - 1945
23. Meeting - Manufacturing Experiments - 1944
24. General Process Theory T.M. 60 - 7/3/45
25. Wall Protection - 1945

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26. Miscellaneous - 1945
27. Proposal for Alpha I Conversion - 1944-1945
28. Production and Assay Summary (Daily) - 1944-1945
29. Process Efficiency - Alpha I - 1945
30. Manual On Check List Items for Cubicle Operators - 11/44
31. Tank Outgassing FTH-25 - 1945
32. Leak Detector Trouble Shooting Manual - 1944
33. Service Office Procedure - 1944
34. Service Instructions - 1944
35. Mechanical Servicing Manual Department 138 (Alpha I) - 2/45
36. Small Parts Handling - 1945
37. Special Instructions On Units - 1945
38. Special Projects OCI - 1945
- 96 39. Start-Up Procedure - 1944
40. Suggestions - 1944
41. Supplies - 1945
42. Inventory Of Units - 1945
43. Image Distribution - 1945
44. Weekly Status Sheet - Additions & Alterations To Equipment - 1944
45. Tank Time Last Due To Inter-Run "D" Handling - 1944
46. Summary Report of "D" Cycle Time - 1944
47. Survey of Runs Without Innage - 1944
48. Status of D's - 1944
49. "K" Data Report - 1944
50. Header Losses - 1944
51. Time Required For Each Operation In "D" Transit Cycle - 1944

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52. "D" And "M" Status Report - 1944
53. Average Time To Change D's In A Tank - 1944
54. Experiment & Test Status (Weekly) - 1944-1945
55. Additions and Alterations To Equipment - 1944-1945
- 97 56. Alpha Production (A. D. Caley) - 1944-1945
57. Charge Material - 1945
58. Confidential - 1943-1945
59. General Process Theory T.M. 60 - 7/3/45
60. The Reception At The E.T.M.I - 6/5/45
61. Miscellaneous - 1944
62. Division Factors (Process) - 1945
63. Definitions of Terms - Undated
64. "D" History Analysis - 1944
65. Training - 1944
66. U.S.E.D. - 1944
67. Instruction Book - 8/43
68. Vacuum Equipment - 1944
69. Vacuum Instructions - 1944
70. Vacuum Procedure - 1944
71. Vacuum Service - 1944
72. Vapor Valves - 1944
73. Weekly Alph Engineering Status Report - 1944
74. Westinhouse Order - 1944
75. Wilson Seals - Undated
76. Graphs - 1944-1945
77. T.A. Reports (Status of Special Features) - 1944-1945

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78. Termination Codes - 1945
79. Tools, Jigs, Fixtures - 1943-1945

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1. Miscellaneous - 1944
- ~~2. Notebook - Vacuum Training Course - 1942~~
- 98 3. Alpha High Voltage Insulation Picture Catalogue - 1945
4. Miscellaneous - 1943-1944
5. Manufacturing Experiment's Report - 1945
6. Miscellaneous - 1944-1945
7. Miscellaneous - Undated
8. Alpha I Parts Catalog - 1944
9. General Process Theory T.M. 60 - 7/3/45
10. The Reception At the E T.M.I. - 6/5/45
11. Control of Vapor Pressure In The "J" T.M. II - 6/6/45
12. Operating Expense Statement - 1944-1945
13. Operational Summary (Weekly) - 1945
14. Personnel Summary (Robin Thompson) - 1944-1945
15. Production Figures From C.S.C. Report - 1944
16. Production Index For Alpha I - 1944
17. Miscellaneous - 1944-1945
18. Project #22 Charge Bottle Heaters-Memo - 1945
19. Project #9 Thermal Vapor Valve - 1944
20. Progress Report (Data for Weekly) - 1945
21. Progress Report Department 135 - 1944-1945
22. Reports - 1945
23. ~~M End Shorts Due To Condensate And Flakes - 1944~~
- 99 24. Elimination of C. Liner Water Lines - Undated
25. E End Short Burner - 1944

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26. Causes of Unconfirmed Short Circuits Causing Terminations - 1944
27. Project #87 Sketches "K" Assembly - Sketch Tracings - 1944-1945
28. Project #68-Memo and Quality Tests Tracings - 1945
29. Project #51-Memo 1/6 Reduced Geometry With Standard J's - 1945
30. Project #46-Temperature and Pressure Test Memo - 1945
31. High Voltage Test In Routine Servicing - 1944
32. Proposal Vacuum Procedures-Vacuum - 1945
33. Operation Vacuum - 1945
34. Leak Detector Vacuum - 1945
35. Hilco Oil Filter - 1945
36. Dry Docks - 1945
37. Diffusion Pumps - Undated
38. The Need For A High Voltage Test In Routine Servicing - 1944
39. Project #68 - 1945
40. Slit Cleaning - 1944
41. General Safety - Undated
42. Miscellaneous Records Process - 1945
43. Start-Up Process - 1944-1945
44. Spot Check Procedures - 1944
45. General: Department Procedures - 1944-1945
46. Final Correspondence-Building 9201-2 - 1945
47. General Forms - 1944
48. Minutes of Meetings/Conferences - 1944-1945
49. Supervisory Meetings Group #2 - 1945
50. Tank Cleaning Chemical - 1945
51. Technical Meetings - 1945

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52. Weekly Heater Element Reports - 1945
53. Water Leak Material - 1945
54. Blank Forms - 1945
55. Minutes of Department 138 Weekly Meetings - 1945
56. Minutes of Alpha I Conference - 1943-1944
57. Minutes of Department 138 Weekly Meetings - 1944
58. Minutes of Process Division Meetings - 1944
59. Alpha I Project Status - 1945
60. Procedures (Dr. McCormick) Completed Purchase Orders - 1945
61. Alpha I Projects - 1945
62. Minutes of Manufacturing Experiments Meeting - 1944
63. Status of Special Features - 1944-1945
64. Restricted Material-Miscellaneous - 1943-1945
65. Sketches of Vacuum System - 1943

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1. Miscellaneous Material - 1943-1945
2. Additions and Alterations To Equipment - 1945
3. Alpha Engineering Status Reports - 1944-1945
4. Alpha High Voltage Insulator Report - 1945
5. Alpha I Meetings - 1944
6. Average Time To Change D's in Tank - 1944
7. Critical Parts-Status of - 1944-1945
- 101 8. "D" History Analysis - 1944
9. Assigned Projects Mechanical - 1944-1945
10. Equipment and Parts On Outside Purchase Orders - 1944
11. Gage Distribution Reports - 1945
12. Mechanical Department Meetings - 1944-1945
13. Mechanical Service and Supply Meeting - 1945
14. Process Department Meetings - 1944-1945
15. Production and Assay Summary (Daily) - 1944
16. Project #2 Removal of C Liner Water Lines - 1944
17. Project #15 Carbon Shields Hung On Hangers From C Nose - Undated
18. Project #35 "Built Up" Birdcages With Thick Q Carbons - 1945
19. Project #37 1/6 Reduced Geometry Thin Slits - 1945
20. Mechanical Coordination Meetings - 1944-1945
21. Progress Report - Department 138 (Monthly) - 1944-1945
22. Reasons for Terminations By Weeks - 1944
23. Report of Activities - 1944
24. Report on Time Required To Change D's - 1944
25. Status Report (Weekly-Div.) - 1944

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26. Thin Slit Reports - 1945
27. Notebook - Instruction Sheets - 1945
- 102 28. Status Report (Weekly-Div.) - 1944
29. Status Report (Weekly-Div.) - 1944
30. 62 Catalog Alpha I Plates Nomenclature Parts; TEC Numbers Catalog Numbers - 1945
31. Miscellaneous - Undated
32. 2 Shift Data - 1945
33. Thin Slit Terminations - 1945
34. Miscellaneous - 1945
35. 20 Catalogue Alpha I Plates Nomenclature Parts, TEC Numbers Catalogue Numbers - 1945
36. Time Required For Each Operation In "D" Transit Cycle - 1944
37. Alpha I Parts - Undated
38. Alpha 1/5 and II Parts - Undated
39. The Need For A High Voltage Test In Routine Servicing - 9/2/44
40. Modification of Water Lines - 9/5/45
41. "E" End Short Burner - 9/28/44
42. "M" End Shorts Due To Condensate And Flakes - 9/28/44
43. Mechanical Servicing Manual - Department 138 (Alpha I) - 2/45
44. Job Descriptions - 1945
45. Alpha I Parts List - 1945

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1. Alpha II Nomenclature FTH-9 - 1944
2. The Reception At The E T.M.I - 1945
3. Control of Vapor Pressure In The "J" T.M.II - 1945
4. General Process Theory T.M.60 - 1945
5. Tank Outgassing FTH-25 - 1945
6. The Helium Leak Detector-TRS 67 - 2/45
7. Routine Servicing Procedure - 1945
8. Mechanical Servicing Progress Charts - 9/44
9. R-14 - 1944-1945
10. R-16 - 1945
11. R-17 - 1944-1945
12. S-8 - 1944-1945
13. T-I - 1944-1945
14. T-3 - 1944
15. T-6 - 1944
16. T-7 - 1945
17. V-1 - 1944
18. O-17 - 1945
19. R-6 - 1943-1945
20. R-7 - 1945
21. R-12 - 1945
22. O-2 - 1945
23. O-3 - 1945
24. O-4 - 1944-1945
25. O-5 - 1945

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26. 0-7 - 1944-1945
27. 0-8 - 1944
28. 0-9 - 1945
29. 0-10 - 1944-1945
30. 0-11 - 1945
31. 0-12 - 1944-1945
32. 0-13 - 1944-1945
33. 0-15 - 1944
34. 0-16 - 1944
35. P-1 - 1944-1945
36. P-3 - 1944
37. P-5 - 1944-1945
38. P-16 - Undated
39. R-3 - 1944-1945
40. R-4 - 1944
41. V-4 - 1944-1945
42. V-2 - 1945
43. Miscellaneous - 1945
44. Alpha II Training - 1944
10445. Operation Procedures For Alpha II - 7/12/44
46. Revision of Alpha II and Alpha 1/5 M Terminal Box - 1945
47. Leak Hunting Manual - Undated
48. Instruction For "E" Kovar "R" Water Line Insulator Installation - 2/2/45
49. Emergency Procedure Alpha Process Div. - 1945
50. Process Manual Alpha I - 1945
51. Operating Procedures - 1944

TEC-BOX #36
(Continued)

- 52. Process Manual - 1944
- 105 53. Process Manual - 1944
- 54. R-2 - 1944-1945

TEC-BOX #37

1. S&W Material & Equipment List - 1943-1944
2. Operation Procedures Building 9201-3 - 1944
- 106 3. Vacuum Procedures - Undated
4. Process Manual Alpha I - 1945
5. Alpha I-5 Operating Helps and Procedures - 1945
6. Leak Detector Trouble Shooting Manual Revised Draft - 1944
7. Vacuum Servicing - 1943
8. (Approvals) Approval Sheet For Proposed Procedure Or Equipment Changes - 1943-1945
9. Approval Request for Exp. On Plant Equipment - 1945
10. Alpha Equipment - 1944
11. Alpha Production - Report from Mr. A. D. Caley's Office PD-PROC-29 - 1945
12. Carbons - 1944-1945
13. Charge Material - 1944-1945
14. Concentration - 1944
15. Experiments-Tests & Experiments, from Mr. A. D. Caley - 1944
16. Enhanced Feed-Reports from Mr. A. D. Caley - 1945
17. Innage Distribution For Runs Terminating Report Received from R. A. Ray - 1945
18. Liner Wash and Service Areas Alpha 1/5 - 1945
19. Model Track-Report from Mr. A. D. Caley - 1944
20. Outage Distribution-Report Received from Mr. Ray's Office - 1945
21. Operational Summary-Weekly Report from Mr. Ray's Office - 1945
22. CO Reports U.S.E.D. P.I. Report Sent to Mr. A. M. Koerner - 1944-1945
23. Operation Procedures - 1944
24. Operation Procedures-Building 9201-3 - 1944
25. Procedure For Use Of Helium Leak Detectors - 1944-1945

TEC-BOX #37
(Continued)

26. Leak Hunting Manual - 1944
27. 800-Q Conferences, Miscellaneous Reports, etc. (Technical) - 1944
28. Operation Procedures-Building 9201-3 - 1944
29. General Procedures-Removal and Installation Of Units - 1944
30. Miscellaneous - 1943-1945
31. Operational Items - 1945
32. Process Outage Summary-Weekly Operational Report from Mr. Ray's Office - 1944-1945
33. Production-Process Division Factors-Report Received from Mr. Ray's Office - 1945
34. Production-Production Figures, Weekly Expected and Actual, Report from Mr. Ray's Office - 1944
35. Production Index - 1944-1945
36. Production-Graphs, Curves, Reports, etc. - 1944-1945
- 108 37. Production and Assay Summary-Report Received from Mr. F. C. Uffleman - 1944-1945
38. Progress Report-Weekly Report Received from Mr. Caley's Office - 1945
39. Run Summary-Weekly Report Received from Mr. Ray's Office - 1945
40. Alpha 1/5 - 1944

TEC-BOX #38

1. I-15 - 1944-1945
2. M-I - 1944-1945
3. M-7 - 1945
4. M-11 - 1945
5. M-12 - 1945
6. M-13 - 1945
7. M-14 - 1945
8. N-I - 1944
9. N-2 - 1944-1945
10. N-4 - 1944-1945
11. N-5 - 1944
12. N-7 - 1944-1945
13. N-9 - 1944
14. N-15 - 1945
15. December-Daily Production and Assay Summary - 1944-1945
16. September-October (Memos, Graphs, Production Figures) - 1944
17. July-August - 1944 (Carbons)
18. November-December-Weekly Summary Start-Up - Alpha II - 1944
19. September-October - Start-Up Time - Alpha II - 1944
20. July-August - 1944 - Start-Up Time
- 109 21. November-Daily Production and Assay Summary - 1944
22. November-Process Outage Summary - 1944
23. October-Process Outage Summary - Alpha II - 1944
24. November-December - Process Outage Summary - Alpha II - 1944
25. November-December - Total Production - 1944

TEC-BOX #38
(Continued)

26. November-December - Technical Library - 1944
27. December-Thin Slit Spot Check - 1944
28. November-December - Weekly Progress Report - Undated
29. September-October - Weekly Progress Report - Undated
30. July-August - Weekly Progress Report - 1944
31. August-September-October - Run Outage Summary - 1944
32. July-August - Run Outage Summary - 1944
33. September-October - Run Statistics Summary - 1944
34. November-December - Run Statistics Summary - 1944
35. Weekly Status Report - Weekly Progress Report - 1944
36. November-December - Run Termination Summary - Alpha II - 1944-1945
37. September-October - Run Termination Summary - 1944
38. July-August - 1944 - Weekly Termination Summary
39. E-12 - 1944
40. E-14 - Undated
41. E-15 - Weekly Status of Experiments and Tests - 1944
42. E-20 - Undated
43. M-8 - U.S.E.D. Summary of 9201-4 (A6 & A7) Terminations - 1944
44. M-9 M's Terminated - 1944
45. N-6 - PAX Telephones - Undated
46. O-2 - 1944
- 1/10 47. O-4 - Miscellaneous - 1944
48. O-6 - Wilson Seal Failures - 1944
49. P-2 - Drawing A4d-12512g - 1944
50. M-1 - General Procedure For Mechanical Inspectors - 2/6/44
51. M-5 - Equipment and Parts On Outside Purchase Orders - 1944

TEC-BOX #38
(Continued)

52. P-5 - Salary Rates - 1944
53. P-6 - Personnel Summary - 1943-1944
54. P-8 - Alpha II Improvement - 1944
55. P-10 - Instructions For Using Maximum Increase Tables - 1944
56. P-12 - Department Numbers and Names - 1944
57. P-13 - Bakeout - 1944
58. B-7 - December - "B" Shift Tract A-7 - Undated
59. R-1 - M Brushing - 1944
60. P-14 - Tagging of Units - 1944
61. R-2 - Coordinator Meeting - 1944
62. R-3 - Progress Reports-Test Prep - 1944-1945
63. R-7 - September - "C" Shift Trade - 1944
64. R-8 - Model Track - 1944
65. R-15 - Coordination Meeting - 1944-1945
66. T-5 - Shut Down of A-7 - 9/27/44
67. T-6 - Daily Status Report - 1944
68. V-1 - Neut. Numbers Off Kinney Oil - 1944
69. E-7 - Carbons - 1945
70. M-1 - Miscellaneous - 1945
71. M-3 - Miscellaneous - 1945
72. M-6 - H Bottle Removal - 1945
73. M-8 - A-2 Unit Numbers - 1945
74. M-11 - Linen Nomenclature - 1945
75. O-3 - Miscellaneous - 1945
76. O-4 - M Rating Factor - 1945
77. P-5 - Salary Rates - 1944-1945

TEC-BOX #38
(Continued)

78. P-12 - Miscellaneous - 1945
79. P-17 - Transfer of Military Personnel - 1945
80. PR-3 - Change Sheet - 1945
81. PR-6 - Process Change - 1945
82. PR-7 - Bakeout Analysis - 1945
83. R-1 - Miscellaneous - 1945
84. R-2 - Technical Seminars - 1945
85. R-3 - Miscellaneous - 1945
86. R-4 - Receipt - 1944
87. R-9 - Inventory of Units - 1945
88. R-12 - Alpha 1/5 and II - Mechanical - 1945
89. R-13 - U.S.E.D. Summary of 9201-4 (A6 & A7) Terminations - 1945
90. R-14 - Weekly Status Report - 1944
91. R-15 - Report on Mechanical Service and Supply Meetings - 1945
92. R-16a - Status of Experiments and Tests - 1945
93. R-4 - Preparation of the E&M Units and the Liner for Operation - Alpha Tracks 6, 7, 8 and 9 - Buildings 9201-4 and 9201-5 - 1944
94. Alpha II Nomenclature - FTH-9 - 1944
95. Alpha II Nomenclature - FTH-9 - 1944

TEC-BOX #39

1. C-5-b - Personnel Summary - 1944-1945
2. C-5 - Employee Assignment - 1944-1945
3. C-2 - Promotions - 1945
4. C-1-a - Graph - Undated
5. File Code - 1944-1945
6. C-6 - Naval Officer Personnel - 1944-1945
7. C-8 - Pay Rate Summary - 1944-1945
8. C-10 - Temporary Procedures for Standard Time - Undated
9. C-9 - Salary Rates - 1945
10. C-11 - Personnel - 1945
11. C-14-c - Comparative Absenteeism Analysis - 1944
12. C-17 - Personnel - 1944-1945
13. C-14-b - Process Absentee Report - 1944-1945
14. C-18 - Organization Charts - 1945
15. C-19 - Organization Listing - 1944-1945
16. E-3 - Oil Filter Service Facilities - 1944
17. E-5 - Mechanical Servicing of D. C. Phillips Gages - 1945
18. E-6 - Miscellaneous - 1944-1945
19. E-7 - Procedure For Dispensing Diffusion Pump Oil - 1944
20. E-8 - Job Break-Down - 1945
21. E-9 - Locking Mechanism Loudon Bridge Changed - 1945
22. E-10 - Miscellaneous - 1944-1945
23. E-14 - M Busing - 1944-1945
24. E-17 - Liners - 1944-1945
25. G-10 - Miscellaneous - 1944-1945

TEC-BOX #39
(Continued)

26. G-7 - Technical Seminars - 1945
27. G-8 - Hot Water System - 1944-1945
28. G-9 - Hot Water System - 1944
29. G-13 - Miscellaneous - 1945
30. G-I - Status of Staff Problems - 1944-1945
31. G-2 - Job Priorities - 1944
32. G-5 - Buildings 9201-4 and 5 - 1943-1944
33. G-14 - Miscellaneous - 1944-1945
34. G-15 - Trouble Shooter's Manual - 1945
35. H-1 - Miscellaneous - 1944
36. H-2 - Miscellaneous - 1945
37. H-3 - Procedure No. 803-181 H Bottle Removal All Buildings - 7/19/45
38. I-1 - Personnel Assigned - 1945
- 112 39. Salary Rate Authorization - 1943-1945
40. I-2 - M Bushing - 1944-1945
41. I-5 - Outage Spotcheck Summary - 1944
42. I-6 - U.S.E.D. Summary 9201-4 (A6 & A7) Terminations - 1944-1945
43. I-7 - U.S.E.D. P.I. Water Leak Group - 1944
44. I-8 - Irregular Mechanical Practices of Recent Data - 9/16/44
45. I-10 - K Group - 1944
46. I-11 - Coordination & Extension Meetings - 1944
47. I-12 - Large Scale Individual Material Balance, Alpha II - 4/14/45
48. I-3, M's Second Runs - 1944
49. I-13 - Alpha Termination Charts - 1945
50. I-14 - Alpha II Progress Reports - Meetings, etc. - 1944-1945
51. Progress Report Monthly Report - Building 9201-3, Department 141 - 1944-1945

TEC-BOX #39
(Continued)

52. Experiments - General Experiments Reports from Dr. E. D. Shipley's Office - 1945
53. Run Statistics Summary Weekly Report from Mr. Ray's Office - 1944
54. Spot Check - Daily Report from Mr. Ray's Office - 1945
55. Special Features Summary - Report Received from Mr. R. Ray - 1945
56. Termination and Start-Up Report-Report Received from Mr. Ray's Office - Weekly - 1945
57. Terminations (M&E Situation) Summary Terminations & Installations, Daily Report Received from Shift - 1945
58. Track Status - Daily Report from Mr. Snyder's Office - 1945
59. Terminations (M&E Situation) Summary of Terminations and Installations - Daily Report Received From Shift Supervisors - 1945
60. Track Status - Daily Report from Mr. Snyder's Office - 1945
61. X-Can Summary - Special Assay Summary - Report Received from Mr. Ray's Office - 1945
62. Absentee Report From Mr. Ray's Office - 1944-1945
63. Alpha 1/5 and Alpha II Inspection Meeting (Minutes of Meeting) - 1944
64. "M" Cycle Report - 1944
65. Spot Check Procedure - 1944
66. Spot Check (Thin Slit Spot Check) - 1944-1945
67. Unit Cycle Report (Weekly Report From R. A. Ray) - 1944
68. Spot Check - Daily Report from Mr. Ray's Office - 1945
- 113 69. Spot Check Analysis - Report from Mr. R. Ray - 1945
70. Termination Report - Daily Termination Report - Report from Mr. Caley's Office - 1945
71. Terminations - Run Termination Summary, Weekly Report From Mr. Ray's Office - 1945
72. Terminations - Reasons for No-Innage Runs and Short Innage Runs Terminated - Report Received from F. C. Uffleman (Monthly) -
73. Termination Summary - Report Received from Mr. Ray's Office - 1944-1945

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TEC-BOX #40

1. Alpha II - 1944
2. Mechanical Servicing Manual - Undated
3. Alpha I/5 & II Parts - 1945
4. File Materials - 1945
5. Frank Hawk - 1944
6. Current - Undated
7. E-1 - Miscellaneous - 1945
8. E-5 - Alpha II Assembly and Inspection Gages - 1945
9. E-6 - J Casting Alignment on S&W Overhauled A-2 "M" Units - 8/7/45
10. Alpha I; Nomenclature FTH-9 - 1944
11. Alpha II Nomenclature FTH-9 - 1944
12. Alpha II Nomenclature FTH-9 - 1944 (Five more copies of same)
13. R-16 - Weekly Status of Experiments and Tests - 1945
14. R-19 - Alpha Production - 1945
15. R-21 - Work Requisition Status Sheet - 1945
16. R-23 - Alpha II - Model 400 - 1945
17. R-25 - Termination Code - Undated
18. T-5 - Track A6 - 5/19/45
19. E-1 - Miscellaneous - 1944
20. E-2 - M Bushing - 1944
21. E-4 - Drawing SK-1687 - 1944
22. Alpha II Nomenclature FTH-9 - 1944 (three copies)
- 115 23. Emergency Procedure - 1945
24. "E" Tolerances - 1944
25. Leak Hunting Manual - 1944

TEC-BOX #40
(Continued)

26. Alpha II "M" Unit Servicing Manual Building 9201-4 - 1944 (three copies)
27. Work On The Liner Docks - 1945
28. Procedure For Use of Helium Leak Detector (G.E.) In Alpha Division - 1945
29. Alpha High Voltage Insulation Picture - 1945
30. File II - August - W.L.M. - 1945
31. File 2 - July - W. L. McKusick - 1945
32. June - File 2 - 1945
33. File 2 - May - W. L. M. - 1945
34. File 2 - April - W. L. M. - 1945
35. File 2 - March - W. L. McKusick - 1945
36. File 2 - February - W. L. McKusick - 1945
37. File 2 - January - W. L. McKusick - 1945
38. Department 144 - Box 79 - 1945
39. E-5 - Miscellaneous - 1944-1945
40. E-6 - Diffusion Pump Strainers and D Special Report #32 - 1944-1945
41. E-8 - Approval Sheets for Process Change - 1945
42. E-9 - Concerning Recommendations In Attached Sheet - 1/15/44
43. EL-1 - Total Q Meters - 1945
44. EL-2 - Change Sheet - 1945
45. M-9 - Procedure For Use of Helium Leak Detector (G.E.) In Alpha Division - 1945
46. M-1 - M Rating Factor - 1945
47. Servicing Process - New Alpha II Liner Routine Servicing Procedure - 1945

TEC-BOX #41

- 116 1. Reports Howard & Hogg 9201-4 and 5 - 1944-1945
2. Reports - Shrecengost Building 9201-3 - 1944-1945
3. 11.72 - Status of Special Salvage Batches - Department 185 - 1945
4. Emergency Procedure - 1945
5. Samples In Special Samples Laboratory - 1945
6. 41.17 - Reports - RRR Inventory - 1945
7. 41.17 - Reports - RRR Inventory - Folder #2 - 1945
8. 41.13 - Reports - Salvage Inventory - 1945
9. 41.13 - Reports - Salvage Inventory - Folder #2 - 1945
10. 41.13 - Reports - Salvage Inventory - 1945

- 117 11. Process Manual Alpha II - 8/22/45
12. Report - Weekly, Building 9201-4 and 9201-5 - MED - 1945
13. X-Cans - 1944-1945
14. Report MED Monthly - 1944-1945
15. 15.21 - Conferences - Department 186 - 1945
16. 15.21 - Conferences - Department 190 - 1945
17. Weekly Sample Summary - Department 190 - 1945
18. 11.61 - Operating Expenses - 1944-1945

- 118 19. 32 - Schedules - Shifts, etc. - 1944
20. 32.1 - Schedules - Operations Group Assignments Building 9204-3 - 1945-1946
21. 32.1 - Schedules - Operations Group Assignments - Building 9204-1 - 1945-1946
22. Graphs - Enhancement - 1944
23. 40.3 - Records Department - B. W. Bromley - 1944-1945
24. 41.2 - Reports - Refining Chemistry - 1944-1945
25. 41.2 - Progress Reports - Beta Analytical - Department 190 - 1945

TEC-BOX #41
(Continued)

26. 41.2 - Reports - Beta Chemical Division - 1944-1945
27. 40.2 - Production Control Department - 1945
28. 31.9 - Operating Procedures - Memo - 1944-1945
29. 31.7 - Salvage-Smyth - 1945
30. 31.6 - Refining Conversion-Shank - 1944
31. 31.3 - Refining Sampler Washing - DeCross - 1944
32. 31.2 - Oxide Refining Stahly - 1944
33. 31.01 - Product Analytical Labs-Price - 1945
34. 41.2 - Reports - Refining Recovery - 1944-1945
35. 40.31 - Waybill Procedures - 1945
36. 41.12 - Reports - Monthly Salvage - 1944-1945
37. PE 3500 - 1945
38. PE 3600 - 1945
39. WA - 1945
40. PE-3700 - 1945
41. PE-3800 - 1945
42. PE-3900 - 1945
43. PE-4000 - 1945
44. Suggestions - 1945
45. 22.2b - Building 9204-1 Correspondence With S&W (Klein) - 1944
46. 22.3b - Building 9204-1 Chemical Operating Equipment - 1943
47. 22.1b - Building 9204-1 Correspondence With District Engineer - 1944
48. 22.2c - Building 9204-2 Correspondence With S&W (Klein) - 1943-1944
- 119 49. 22.2e - Building 9206 Supplies and Equipment Correspondence With S&W (Klein) - 1944-1945
50. 22.Lf - Proposed Building Carbon Burning and Electroplating Building - 1944

TEC-BOX #41
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51. 22.1g - Proposed Building-Building 9752 - 1944
52. 22.1h - Proposed Building-Beta Salvage - 1944
53. 22.2j - Building 9204-3 Correspondence With S&W (Klein) - 1944
54. 22.2j - Building 9204-1, 2, 3 Correspondence With S&W (Klein) - 1945
55. 22.2i - Correspondence With Stone and Webster Building 9212 - 1945
56. 41.2 - Reports - Beta Chemistry History Report - 1944-1945
57. 15.2i - Conferences - Department #185 - 1945

TEC-BOX #42

1. Refining Primary Recovery Department 186 - Job Breakdowns - 1943
2. Experiments Notebook - 1945
3. Authorized Rate Range Schedules - 1943
4. Salary Rates Authorized - 1944
5. Personnel - Monthly Report of Distribution - 1945
6. Conference Notebook - 1945
1207. Experiment Notebook - 1944-1945
8. Personnel - Organization - 1943-1944
9. Chemical Division-Organization - 1943
10. Personnel-Requisitions - 1944-1945
11. U.S.E.D. - Mallinckrodt - 1943-1945
12. Personnel - People in Training at End of Week - 1944
13. Personnel - Training Program and Plans - Undated
14. Personnel - Monthly Report of Distribution - 1944-1945
15. Personnel - Weekly Report of Distribution - 1945
16. Personnel - Weekly Summary - 1944-1945
17. Report - Distribution of Personnel by Building - C.A.C.D. - 1945
1218. Chemical Personnel Summary - 1945
19. Personnel - Monthly Report of Distribution - 1945
20. Personnel - Miscellaneous Report - 1944-1945
21. Personnel - Progress Reports of People In Training - 1944
22. Procedures In Boston Office - Weekly Report #2 - 1944
23. U.S.E.D. - Miscellaneous - 1943-1945
24. Procedures In Boston - 1944
25. Spec. Approved For Construction - 1944

TEC-BOX #42
(Continued)

26. Stone & Webster - PE's 13 to 92 - 1944
27. Stone & Webster - PE's 206 to 900 - 1943-1944
28. Stone & Webster - PE's 901 to 1761 - 1943-1944
29. Building 9208 - 1944
30. Stone & Webster - Area Engineer Supplemental Agreements - 1944-1945
31. Stone & Webster - Supplemental Agreement - 1945
32. U.S.E.D. - Stone & Webster - 1943-1944
33. Personnel - General Correspondence (a) - 1943
34. Personnel General Correspondence (b) - 1945
35. Personnel - Training Correspondence - 1943-1945
36. Personnel - Military, General - 1944
37. Chemical Division - Personnel & Job Descriptions - 1943-1944
38. Personnel - Terminations - 1944
39. Personnel - Estimates - 1943
40. Personnel - Summary Recap - 1944

TEC-BOX #43

1. Alpha II Nomenclature FTH-9 - 1944
2. Alpha II Improvement - 1944
3. Alpha Production - 1945
4. Carbons - General - 1944-1945
5. Performance of Thin Carbon Slits - 1944
6. Dry Dock & Leak Detecting Procedure - 5/21/45
7. Dry Dock & Leak Detecting Procedure 5/21/45
8. Insulators - 1945
9. Hilco Oil Reclaimer - 1945
10. Helium Leak Detector - 2/45
11. Leak Detecting - 1945
12. G.E. Leak Detector - Undated
13. Westinghouse Leak Detector Procedure - 1945
14. Plant Miscellaneous - 1945
15. Oil Lines - 1945
16. General Process Theory - 7/3/45
17. Pumps - Kiney - Diffusion, etc. - 1945
18. Run Terminations Miscellaneous - 1945
19. Tools & Gauges - 1945
20. Jigs for Alpha II - 1944
21. Vacuum System - General - 1944-1945
22. Vapor Valve Motor - 1945
23. Improvement of Vapor Valve Operation - 1945
- 123 24. Control of Vapor Pressure In The "J" - 1945
25. All Water Systems - 1945

TEC-BOX #43
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26. Water Leak Cure and Prevention - 1/15/45
 27. Water Leak Cure and Prevention - 1/16-31/45
 28. Water Leak Cure and Prevention - 11/16-30/44
 29. Water Leak Cure and Prevention - 12/15-31/44
 30. "M" & "E" Water Leak Experience - 12/7/44
 31. Water Leak Cure and Prevention - 12/1-15/44
 32. Water Leak Cure and Prevention - 2/1-15/45
 33. Hard Soldering and Welding Techniques - Undated
 34. Handling - General - 1945
 35. Liner - 1945
 36. "C" - 1945
 37. "G" - 1944
 38. "J" - 1945
 39. Alpha II "G" Bus Bar - 1945
 40. Alpha II - Optical "J" Alignment Jig - 1945
 41. "K" - 1945
 42. M Bushings - 1945
 43. "M" Bushing Improvement Report - 1944
 44. A-2 "M" Overhaul Procedures - 1945
 45. Shotgun "M" Progress Report - 6/22/45
 46. "M" General - 1944-1945
 47. "M" Tolerances & Electrical Specifications - 1944
 48. Alpha II "M" Unit Results Obtained by Overhauling Marginal Alpha II "M" Units - 3/45
 49. Miscellaneous - 1943-1945
 50. Bibliography On Training Material - 7/6/43
 51. Miscellaneous - 1943-1944
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- 52. Miscellaneous - 1943-1944
 - 53. Miscellaneous - 1943-1945
 - 54. Miscellaneous - 1943-1944
 - 55. Miscellaneous - 1943-1945
 - 56. Miscellaneous - 1943-1945
 - 57. Miscellaneous - 1944
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- 58. Miscellaneous - 1944-1945
 - 59. Miscellaneous - 1944-1945
 - 60. Miscellaneous - 1943-1945

TEC-BOX #44

1. Miscellaneous - 1943-1944
2. Two Pictures - 1945
3. Miscellaneous - 1943-1945
4. Miscellaneous - 1943-1945
5. Miscellaneous - 1943-1944
6. Miscellaneous - 1943-1946
7. Miscellaneous - 1944-1945
128. Miscellaneous - 1943-1945
9. Miscellaneous - 1944-1945
10. Manual for Operations of Vacuum System - 3/15/44
11. T.S.N. Barbershop and Sump - 8/28/44
12. Pictorial Manual - Refining Division 11/44
13. SPG Box Nomenclature - 12/44
14. E Box Assemblies - 1944
15. The Helium Leak Detector - 2/45
16. Beta Primer - Chapter III - 6/45
17. Beta Primer - Chapter IV - 6/45
18. Beta Primer - Chapter II - 6/45
19. Beta Primer - Chapter I - 6/45
20. Beta Electrical Circuits Functional Diagrams - Undated
21. Technical Seminar Notes Relation of Alpha and Beta Processes - 1/11/45
22. High Voltage Cubicle Panel - 3/1/44
23. Course of Study for Heaters Cubicle Operators - 3/15/44
24. Heater Cubicle, XBX RTD-41 - 3/7/44
25. Special Report - Test on D. C. Phillips Gage Test Authorization No. R40003 - 9/19/44

TEC-BOX #44
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26. Paper IVB-XA-2 - Vacuum System - 1943
27. Paper VII-AF-XAX-2 - Electrical Supplies - 1943
28. Westinghouse Instruction Book - Oil Diffusion Vacuum Pump 8" & 20" - 8/43
29. Summary of XA - 7/3/43
30. Beta East-In Heaters - 6/26/44
31. The D Assembly - 5/10/43
32. Report on Beta "H" and "J" Cast-In Heaters - 6/26/44
33. Servicing The D-Assembly - 7/12/43
34. Oil Diffusion Vacuum Pump 8" & 20" Instruction Book - 8/43
35. Miscellaneous - 1944-1945
36. Miscellaneous - 1944-1945
37. Miscellaneous - 1945-1946

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TEC-BOX #45

1. Abstracts & Index of Reports On Corrosion of Metals and Solvent Resistivity of Materials - 11/1/45
2. Chemical Wastes From 9202 Area - 1945
3. Chemistry Seminar Notes - 1945
4. Codes - Department 182 - Undated
5. Codes - Department 194 - Undated
6. Codes - Department 990 - Undated
7. H.C. In 9202 Ext. - 1944
8. Suspense Copies of Letters - 1945
9. Miscellaneous - 1944-1945
10. Cods - Department 185 - Undated
11. Expense Sheets - 1944-1945
12. Codes - Department 188 - Undated
13. Codes - Department 191 - Undated
14. Expense Statements - 1944-1945
15. Codes - Department 199 - Undated
16. Codes - Department 181 - Undated
17. Expense and Cost 179 - 1945-1946
18. Carbitol Treatment - Room 106 - Building 9206 - 5/4/45
19. W - 1944-1945
20. Corrosion - 1945
21. (Con to Cor) - 1945
22. (D) - 1945
23. (E and F) - 1945
24. Leaching - 1945
25. (T) - 1943-1945

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26. (P) - 1945
27. (S) - 1945
28. K - 1945
29. (R) - 1945
30. Miscellaneous - 1945-1946
31. Codes - Department 190 - Undated
32. Department 179 - Undated
33. Building 9211 - 1945
34. Building 9210 - 1945
35. Building 9208 - 1944
36. Building 9207 - 1944-1945
37. Building 9206 - 1945
38. Building 9202 - 1945
39. General - 1945
40. Progress Report on Metallographic Equipment, and Current Problems dated 9/1/44 and Intergranular Corrosion of Stainless Steel dated 8/22
41. The Continuous Extraction of Beta Gunk With "Dibutyl Cellosol" - 8/10/44
42. Equipment for Building 9206 - 1944-1945
43. Miscellaneous - 1944
44. Merit Rating History - 1945
45. Memo dtd. 11/9/45 - Transmittal of Drawings - Building 9212
Memo dtd. 11/9/45 - Basement Unit Ventilator Houses - Building 9212
Drawing 2408 - dtd. 11/3/45
Memo dtd 11/9/45 - Fluorescent Lights In Rm 1000e and Guard for
Battery Banks In Compressor Rm and PAX Rm - Building 9212
Memo dtd 11/13/45 - Service Tunnel Ventilation - Building 9212
Memo dtd 11/13/45 - Service Tunnel Ventilation - Building 9212
Drawing 2395 - dtd. 11/6/45
Memo dtd 11/14/45 - Piping-Heat Exchange for Recirculated Water -
Building 9212
Memo dtd 11/12/45 - Fluorescent Lights In Rm 1000e and Guard for
Battery Banks in Compressor Rm and PAX Rm., Building 9212

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TEC-BOX #45
(Continued)

45. (Continued)

Memo dtd 11/15/45 - Ventilating Fan for Tank Pit - Building 9212
Drawing 2309 - dtd 9/6/45
Memo dtd 11/23/45 - Inspection of Glass Lined Equipment
Memo dtd 11/21/45 - Basement Unit Ventilators - Building 9212
Drawing 2395 - dtd 11/6/45
Memo dtd. 11/20/45 - Smoking Regulations In Building 9212
Memo dtd. 11/19/45 - Temperature Control - Service Tunnel Ventilation
- Building 9212
Drawing 2427 - dtd 11/17/45
Memo dtd 11/16/45 - Stainless Steel Tanks Ordered On Stone & Webster
Purchase Order #48177 for Building 9212
Memo dtd 12/5/45 - Transmittal of Manufacturer's Drawings -
Building 9212
Drawing L-82219-A - dtd 7/12/45
Drawing L-94464-B - dtd 7/12/45
Memo dtd 9/24/45 - Vacuum Traps - Rm 500 - Building 9212
Memo dtd 9/25/45 - Nameplates - 2300 Volt Unit Substation -
Building 9212
Memo dtd 8/24/45 - Thermostat Locations - Building 9212
Memo dtd 8/24/45 - Recirculated-Deionized Water Lines and Filtered
Water Lines - Building 9212
Memo dtd 8/27/45 - Transmittal of Prints Covering Installation of
Equipment in Rm 100 - Building 9212
Drawing D5e-13282 - dtd 8/23/45
Drawing D5e-13284 - dtd 8/25/45
Drawing D5e-13281 - dtd 8/25/45
Drawing D5e-13283 - dtd 8/25/45
Drawing D5e-13263 - dtd 8/18/45
Memo dtd 1/7/46 - Utility Piping - Building 9211
Memo dtd 1/9/46 - Tank Farm Lighting - Building 9211
Drawing #2398 - dtd 10/29/45
Memo dtd 1/10/46 - Flat Tank For Experimental Purposes - Extraction
Area - Beta Salvage - Building 9211
Memo dtd 12/19/45 - Heating and Ventilating - Units 401 and 402 -
Building 9211 (two copies)
Memo dtd 12/31/45 - Traps and Scrubbers For Vacuum System -
Building 9211
Drawing 31745-0 - dtd 7/26/44
Sketch #1220-2 - Undated
Sketch #1121 - 11/23/45
Memo dtd 1/4/46 - Flat Tank for Experimental Purposes - Extraction
Area - Building 9211 - Beta Salvage
Memo dtd 1/8/46 - Pipe Lines and Equipment Identification - Tank Farm
- Facilities for Beta Salvage Operations - Building 9211
Memo dtd 1/9/46 - Tank Farm Lighting - Building 9211
Memo dtd 1/10/46 - Drain For Condensate Receiver - Item 3001 - Beta
Salvage - Building 921
Memo dtd 1/10/46 - Muffle Furnaces - Liner Transition - Beta Salvage -
Building 9211

TEC BOX #45
(Continued)

45. (Continued)
Memo dtd 1/11/46 - Mechanical Probs and Liquid Overflow Alarms - Beta Salvage Facilities
Memo dtd 1/11/46 - Spare Tanks for Tank Farm - Building 9211
Memo dtd 1/11/46 - 8 Gallon Evaporator - Item 315 - Small Batch Laboratory - Building 9211
Memo dtd 1/9/46 - Tank Farm Lighting - Building 9211
Memo dtd 12/21/45 - Heating and Ventilator - Supply Gr. 1012.0 - Building 9211
Drawing 2290 - dtd 8/31/45
Memo dtd 12/21/45 - Tantalum Lined Condensers - Transfer and Purchase - Building 9211
Memo dtd 12/21/45 - Heating and Ventilation - Gr. 955.0 - Building 9211
Drawing FT5462 - dtd 1/7/45
Memo dtd 12/21/45 - Heating and Ventilation - Gr. 975.0 - Building 9211
Drawing FT5564 - dtd 12/30/44
Memo dtd. 12/20/45 - Measuring Tanks Items 7 & 8 - Leaching Area - Building 9211
Sketch 1217 - dtd 12/17/45
Memo dtd 12/21/45 - Relocation of Solenoid Valves - Building 9211
Memo dtd 12/14/45 - Alteration of One Carbon Burner - Building 9211 Beta Salvage
Memo dtd 12/14/45 - Clock Locations - Building 9211 - Beta Salvage
Memo dtd 12/14/45 - Filter Changes - Building 9211
46. 1 through 10 - 1945
47. 10 through 14 - 1945
48. 15 through 50 - 1945
49. 51 through 99 - 1945
50. 100 through 100z - 1945
51. 101a through 101e - 1945
52. 101f through 101z - 1945
- 130 53. Miscellaneous - 1945

TEC-BOX #46

1. 102 through 115 - 1945
2. 116 through 150 - 1945
3. 151 through 165 - 1945
4. 166 through 199 - 1945
5. 200 through 299 - 1945
- 131 6. 400 through 499 - 1945
7. 300 through 399 - 1945
8. 500 through 599 - 1945
9. 600 through 699 - 1945
10. All Numbers - 1945
11. XB 1-25 - 1945
12. 26-50 - 1945
13. 159a through 1592 - 1945
14. 159.1 through 159.8 - 1945
15. 159.9 through 159.21 - 1945
16. 159.22 through 159.34 - 1945
17. 159.35 through 159.39 - 1945
18. 159.40 through 159.50 - 1945
19. 159.51 through 159.64 - 1945
20. 159.65 through 159.75 - 1945
21. 159.76 through 159.85 - 1945
22. 159.86 through 159.95 - 1945
23. 159.96 through 159.99 - 1945
- 132 24. 159.102 through 159.120 - 1945
25. 159.121 through 159.141 - 1945

TEC-BOX #46
(Continued)

- 26. 159.142 through 159.174 - 1945
- 27. 159.175 through 159.183 - 1945
- 28. 159.184 through 159.200 - 1945
- 29. 159.201 through 159.215 - 1945
- 30. 159.216 through 159.255 - 1945

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TEC-BOX #47

1. 159.256 through 159.280 - 1945
2. 159.281 through 159.290 - 1945
3. 159.291 through 159.307 - 1945
4. 159.308 through 159.359 - 1945
5. WA 159.360 through WA 159.3 - 1945
6. 920101 - 1944-1945
7. 160 through - 1945-1946
8. 9201-4 2301 to 2670 - 1944-1945

- 134/9. 9201-3 - 1944-1945
10. 9201-2 ↓ 1945
11. 9201-4 0 to 1998 - 1944-1945
12. 9201-4 3911 to 4192 - 1945
13. 9201-4 4226 to 4397 - 1945
14. 9201-4 2010 to 2296 - 1944

- 135 15. 9201-4 2706 to 3293 - 1945
16. 9201-4 3623 to 3883 - 1945
17. 9201-4 3301 to 3590 - 1945
18. 9201-5 - 1944-1945
19. 9202 1557 to 2499 - 1944-1945

TEC-BOX #48

1. 9202 2507 to 2807 - 1945
136. WA 9201 11 to 219r - 1945
3. 9202 2 to 3 - 1945
4. 9202 34 to 508 - 1945
5. 9201 224 to 639 - 1945
137. 644 gi through 644 gz - 1945
7. 644 fu through 644 gh - 1944
8. 644 fl through 644 ft - 1945
9. 644 cz through 644 fk - 1945
10. WA 644 ~~ka~~ through WA 644 hp - 1944
11. WA 644 hg through WA 644 hz - 1945
138. 12. WA 644 ia through WA 644 ip - 1945
13. WA 644 iq through WA 644 jh - 1945
14. 644 jr through 644 ju - 1945
15. 644 ji through 644 jq - 1945
16. 644 jr through 644 kh - 1945

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TEC-BOX #49

1. WA 644 le through WA 644 lp - 1945
2. 644 kw through 644 ld - 1945
- ~~3.~~ 3. 644 ki through 644 kv - 1945
4. WA 644 mj through WA 644 mv - 1945
5. WA 644 lv through WA 644 mi - 1945
6. WA 644 lq through WA 644 lu - 1945
- 140 7. WA 644 oq through WA 644 pq - 1945
8. WA 644 nj through WA 644 op - 1945
- ~~9.~~ 9. WA 644 ne through WA 644 n - 1945
10. WA 644 mw through WA 644 nd - 1945
11. WA 644 ph through WA 644 ps - 1945
12. WA 644 pt through WA 644 qm - 1945
- 11 13. WA 644 qr through QA 644 qw - 1945
14. WA 644 qx through WA 644 rh - 1945
- ~~15.~~ 15. Miscellaneous - 1945-1946
16. WA 644 ri through WA 644 - 1945-1946

TEC-BOX #50

1. 159.46 through 159.55 - 1945
2. 159.56 through 159.65 - 1945
3. 159.66 through 159.75 - 1945
4. 159.76 through 159.85 - 1945

- 142 5. All Numbers - 1945
6. All Numbers-9733 - 1945
7. Building 9734, 9739 and 9610 - 1945
8. 100 through 199 - 1945
9. 200 through 299 - 1945
10. 300 through 399 - 1945
11. 400 through 499 - 1945
12. 1 through 199 - 1945
13. 400 through 599 - 1945
14. 101a through 101z - 1945
15. 159.10 through 159.15 - 1945
16. 159.16 through 159.25 - 1945
17. 159.26 through 159.35 - 1945
18. 159.36 through 159.45 - 1945
19. 59h through 59k - 1945
20. 59l through 59q - 1945
21. 59r through 59u - 1945
22. 59v through 59z - 1945

- ~~23.~~ 59aa through 59az - 1945
- 143 24. 60 through 93 - 1945
25. 94 through 162 - 1945

TEC-BOX #50
(Continued)

26. 163 to 299 - 1945
27. 30 through 32 - 1945
28. 1 through 30 - 1945
29. Miscellaneous - 1945
30. All Numbers - 9205 - 1945
31. 48 through 48z - 1945
32. 49 through 51 - 1945
33. 52 through 58 - 1945
34. 59 through 59g - 1945
35. Miscellaneous - 1944-1945
36. Department 179 - 1945
37. Building 9209-Miscellaneous - 1944
38. Building 9210-Miscellaneous - 1944-1945
39. Building 9201-3 - 1944-1945
40. Building 9202 - 1944-1945
41. Building 9203 - 1944-1945
42. 307s through 307z - 1945
43. All Numbers - 9907 - 1945
44. Building 9206 - 1944
45. Building 9207 - 1944
19446. Building 9201-5 Ext. - 1945
47. 307a through 307g - 1945
48. 307h through 307i - 1945
49. 307m through 307r - 1945
50. 9738 - 9739 - All Numbers - 1945
51. All Numbers - 9743 - 1945

TEC-BOX #50
(Continued)

- 52. 9744 - All Numbers - 1945
- 53. All Numbers - 1945
- 54. 9768 - All Numbers - 1945
- 55. 9769 - All Numbers - 1945
- 56. All Numbers - 9737 - 1945

TEC - Box #51

1. Equipment Schedule - 9204-4 - 1945
2. Buidling 908 - 1945
3. Building 9210 - 1944
4. Building 9211 Thra - 1944-45
5. Building 9212 Thru - 1945
6. Building 9621 - 1945
7. Disapproved Letters - 1945
8. Miscellaenous - 1944-45
9. 9206 - 1944-45
10. Miscellaneous - 1944-45
11. Meetings and Conferences - 185 - 1945
12. Material Handling Equipment - 1944-45
13. Job Descriptions - Undated
1. Organization Chart - 1945-56
15. War Bonds - 1945
16. Reports on Problems - 1945
17. Suggestions - 1945
18. Tests - 1945
19. Regulations - 1944-45
20. , Suggestions - 1945
21. 1.3 Dr. C. B. Mather - Calculations - 1943
22. Progress Report & Status - 1944-45
- 145 23. All Numbers 9616 - 1944-45
24. W. R. Miscellaneous - 1945
25. W. R. 10818 - 1945
26. Warehouse #2 - 1945
27. Midway #8 Misc. - 1944-45

TEC BOX #51:

28. W. R. 10798 - 1945
29. W. R. 10802 - 1945
30. W. R. 10842 - 1945
31. W. R. 10846 - 1945
32. W. R. 12145 - 1945
33. W. R. 12600 - 1945
34. W. R. 12910 - 1945
35. W. R. 14073 - 1945
36. W. R. 3937 - 1944-45
37. All Numbers - 1945
38. 9702-9703-9704-9705 - All numbers - 1945
39. All Numbers - 1945
40. All Numbers - 1945
41. All Numbers - 1944-45
42. All Numbers - 1945
43. All Numbers - 1944-45
44. All Numbers - 1944-45
45. All Numbers - 1945
46. 1611 to 1699 - 1944-45
47. 1700 to 1799 - 1944
48. W. R. 12578 - 1945
49. W. R. 15440 - 1945
- 146 50. W. R. 15457 - 1945
51. W. R. 25462 - 1945-46

TEC BOX #51:

52. W. R. 15479 - 1945
53. W. R. 15480 - 1945
54. W. R. 2711 - 1944-45
55. W. R. 6672 - 1945
56. W. R. 9967 - 1944
57. W. R. 14002 - 1945
58. W. R. 14014 - 1945
59. W. R. 14018 - 1944-45
60. W. R. 7575 - 1945
61. All Numbers - 1944-45
62. 1500 to 1999 - 1944
63. 2000 to 2199 - 1944
- 147 64. 2200 to 3899 - 1944-45
65. 1600 to 1699 - 1944-45
66. 1700 to 1799 - 1944
67. 1800 to 1899 - 1944
68. 1900 to 1999 - 1944

TEC BOX #52

1. 2000 to 2999 - 1944
2. 2100 to 2399 - 1944-45
3. 2400 to 3899 - 1945
4. All Numbers - 1944-45
5. All Numbers - 1944-45
6. 1600 to 1999 - 1944
7. 2000 to 2199 - 1944
8. 2200 to 2299 - 1944
9. 2300 to 2599 - 1944-45
10. 2600 to 2999 - 1944-45
11. 3000 to 3499 - 1945
12. 3599 to 3899 - 1945
13. 4000 to 4099 - 1945
14. 4200 through 4299 - 1945
15. All Numbers - 1944-45
16. 1500 to 1599 - 1944
17. 1600 to 1699 - 1944
18. 1700 to 1799 - 1944
19. 1800 to 1899 - 1944
20. 2200 to 2299 - 1944
21. 2300 to 2399 - 1944-45
22. 2400 to 2499 - 1944-45
23. 2500 to 2599 - 1945
24. 2600 to 2699 - 1945
25. 2700 to 2799 - 1945
26. 2800 to 2899 - 1944-45

TEC BOX #52

- 27. 2900 to 2999 - 1945
- 28. 3000 to 3099 - 1945
- 29. 3100 to 3199 - 1944-45
- 30. 3200 to 3299 - 1945
- 31. 3300 to 3399 - 1945
- 32. 3400 to 3499 - 1945
- 33. 3500 to 3599 - 1945
- 34. 3600 to 3699 - 1945
- 35. 3700 to 3899 - 1945
- 36. 3900 to 3999 - 1945
- 37. 4000 to 4099 - 1945
- 38. 4100 to 4299 - 1945
- 39. 4300 to 4399 - 1945
- 40. 1951 to 1999 - 1944-45
- 41. 1500 to 1545 - 1944
- 42. 1545 to 1599 - 1944
- 43. 1600 to 1610 - 1944-45
- 148 44. 1831 to 1899 - 1944
- 45. 1900 to 1950 - 1944
- 46. 2000 to 2099 - 1944
- 47. 2100 to 2199 - 1944
- 48. 2400 to 2499 - 1944-45
- 49. 2500 to 2599 - 1945
- 50. 2600 to 2699 - 1945

TEC BOX #52

- 51. 2700 to 2799 - 1945
- 52. 2800 to 2899 - 1945
- 53. 3000 to 3099 - 1945
- 54. 3100 to 3299 - 1945
- 55. 3200 to 3299 - 1945
- 56. 4100 to - 1945
- 57. 1500 to 1599 - 1944
- 58. 1600 to 1699 - 1944
- 59. 1700 to 1799 - 1944
- 60. 1700 to 1899 - 1944
- 61. 1800 to 1899 - 1944
- 62. 1900 to 1999 - 1944
- 63. 2000 to 2099 - 1944
- 64. 2100 to 2199 - 1944
- 65. 2200 to 2299 - 1944
- 66. 2300 to 2399 - 1944
- 149 67. 2400 to 2499 - 1945
- 68. 2500 to 2599 - 1945
- 69. 2600 to 2699 - 1945
- 70. 2700 to 2899 - 1945
- 71. 3200 to 3399 - 1945
- 72. 3400 to 3599 - 1945
- 73. 4000 to 4099 - 1945
- 74. 410 to 4299 0 1945

TEC BOX #52

- 75. 4300 through 4399 - 1945
- 76. 1500 to 1599 - 1944-45
- 77. 1600 to 1699 - 1944
- 78. 1700 to 1799 - 1944
- 79. 1800 to 1899 - 1944
- 80. 1900 to 1999 - 1944
- 81. 2000 to 2099 - 1944
- 82. 2100 to 2199 - 1944
- 83. 2299 to 2299 - 1944
- 84. 2300 to 2399 - 1944-45
- 85. 2400 to 2499 - 1945
- 86. 2500 to 2599 - 1945
- 87. 2600 to 2699 - 1945

TEC BOX # 53

1. 3800 to 3899 - 1945
2. 3700 to 2799 - 1945
3. 3600 to 3699 - 1945
4. 1800 to 3099 - 1944-45
5. 1676 to 1799 - 1944
6. 3500 to 3599 - 1945
1507. 3600 to 3699 - 1945
8. 3700 to 2799 - 1945
9. 3800 to 3899 - 1945
10. 3900 to 3999 - 1945
11. 4000 to 4099 - 1945
12. 4200 to 4299 - 1945
13. 2400 to 2499 - 1944-45
14. 1900 to 2399 - 1944
15. 1600 to 1799 - 1944
16. 2500 to 2599 - 1945
17. 2600 to 2699 - 1945
18. 2700 to 2799 - 1945
19. 2800 to 2899 - 1945
20. 2900 to 2999 - 1945
21. 3000 to 3099 - 1945
22. 3100 to 3199 - 1945
23. 3200 to 3299 - 1945
24. 3300 to 3399 - 1945
25. 3400 to 2499 - 1945
26. 3500 to 3599 - 1945

TEC BOX #53

27. 3600 to 2699 - 1945
28. 3700 to 3799 - 1945
29. 3800 to 3899 - 1945
30. 3900 to 3999 - 1945
31. 4000 to 4099 - 1945
32. 4100 to 4299 - 1945
33. 2300 to 2 - 1944-45
34. 2300 to 2799 - 1944-45
35. 1600 to 2599 - 1944-45
36. 1500 to 2599 - 1944-45
37. 2600 to 3099 - 1945
38. 3200 to 3899 - 1945
39. 3900 to 4199 - 1945
40. All Numbers - 1944-45
41. All Numbers - 1944-45
42. 9418 All Numbers - 1945
43. All Numbers - 1945
44. All Numbers - 1944-45
- 1st 45. All Numbers - 1944-45
46. All Numbers - 1945
47. All Numbers - 1945
48. All Numbers - 1944-45
49. All Numbers - 1945
50. All Numbers - 1944-45

TEC BOX #53

- 51. All Numbers - 1945
- 52. All Numbers - 1944-45
- ~~53.~~ 3400 to 3499 - 1945
- 54. 3300 to 3399 - 1945
- 55. 3200 to 3299 - 1945
- 56. 3100 to 3199 - 1945
- 57. 3000 to 3099 - 1945
- 58. 2900 to 2999 - 1945
- 59. 2800 to 2899 - 1945
- 60. 2700 to 2799 - 1945
- 61. 2600 to 2699 - 1945
- 62. 2500 to 2599 - 1945
- 63. 2400 to 2499 - 1945
- 64. 2000 to 2399 - 1944-45
- 65. 1500 to 1699 - 1944
- 66. 1500 to 1675 - 1944
- 67. 1600 to 399 9 - 1944-45
- 68. 4300 through 4399 - 1945
- 69. 4200 to 4299 - 1945
- 70. 4100 to 4199 - 1945
- 152 71. 4000 to 4099 - 1945
- 72. 3900 to 3299 - 1945
- 73. 3200 to 3299 - 1945
- 74. 3100 to 3199 - 1945

TEC BOX #53

- 75. 3000 to 3099 - 1945
 - 76. 2900 to 2999 - 1945
 - 77. 2800 to 2899 - 1945
 - 78. 2700 to 2799 - 1945
 - 79. 3500 to 3599 - 1945
 - 80. 3400 to 3499 - 1945
 - 81. 3300 to 3399 - 1945
-

TEC BOX #54

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1. 2.16.1 Experimental Reports - 1944-45

+

2. Revision of Accounting Schmidt and Sprague - 1945

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3. 7.5 Capital Equipment - 1945

4. Reports - Undated (2 copies)

5. Documents Sent to Storage, 1947, January 8

6. Documents Sent to Storage, 1947, January 14

7. Documents Sent to Storage, 1947, January 16

8. Documents Sent to Storage, 1947, January 22

9. Documents Sent to Storage, 1947, January 1

10. Conditional Affecting the Peroxide Precipitation of Beta Gunk -
Aug. 14, 1945

11. Electrometric Determination of Chlorides - sept. 1, 1945

12. Distribution Coefficients of HNO_3 in the System Dibutyl Carbitol -
Nitric Acid - Sept. 10, 1945

13. Receovery of Tuballoy from Cold Trap Material - Part III Ignition
Process with Nickel Impregnation - Sept. 10, 1945

14. Effect of Iron on the Low Temperature Precipitation of Tubanyl
Peroxide in Beta - Sept. 4, 1945

15. Removal of Tuballoy from Clothing - Sept, 5, 1945

16. Processing of Synthetic Beta Bunk - Building 9207 Bulk Treatment -
Aug. 22, 1945

17. Drying and Calcining of Tuballoy Oxide - Aug. 24, 1945

18. Leaching of Refractory Oxides - Part I - Sept. 7, 1945

19. Department 188 - Progress Report - Kodak 9th Period August 12, 1945
through Sept. 8, 1945

20. Separation of Tuballoy from Gunk Solutions by Sulfite Precipitation -
Part II - Aug. 22, 1945

21. Composition and Properties of Process Solutions - Introduction -
Aug. 29, 1945

22. The Reaction of Dibutyl Carbitol with Nitric Acid - Aug. 23, 1945

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23. The Composition of the Tuballoy Precipitate from the Sulfite Separation of Gunk Solutions and the Chlorination of this Material - Aug. 25, 1945
24. Effect of Commercial Helium on Silver - Soldered, Copper - Inconel Couples - Sept. 17, 1945
25. Recovery of Tuballoy from Cold Trap Material - Aug. 18, 1945
26. Investigation of Bakeout Problems in Alpha Process - 1 - Sept. 14, 1945
27. Recovery of Tuballoy from Cold Trap Material - Part II - Ignition Process - Aug. 20, 1945
28. Reports - Undated
29. Determination of 720 in Gunk by Extraction with Penta Ether - August, 1945
30. Miscellaneous - 1945
31. Miscellaneous - 1944-45
32. Organic Chlorination Agents in the Liquid Phase - July 10, 1945
33. Organic Chlorination Agents in the Vapor Phase - June 12, 1945
34. Factors Affecting the Precipitation of Tubanyl Peroxide from Gunk Solutions at Reduced Temperatures - March 6, 1945
35. Liquid Phase Chlorination of Alpha Still Residues - Feb. 12, 1945
36. The Use of T₃O₈ in the Liquid Phase Preparation of TC₁₄ - Feb. 13, 1945
37. The Effect of Water, Oils, Groases, Sulfate and Fluoride on Liquid Phase Chlorination, with CCl₄ of Various Trioxides of Tuballoy - Undated
38. Experiments on Special Charge Material - Jan 4. 1944
39. Meeting of Dec. 29, Concerning L. O. Moisture Experiments - Dec. 29, 1944
40. Proposed Sampling Procedures in the L. P: Moisture Experiment Series - Dec. 23, 1944
41. Operation of 731 Dryer Decomposer - Oct. 11, 1944

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42. Disposal of Sublimation Brown Residues - Oct. 17, 1944
43. Experimental Sublimation - Undated
44. Final Report on Test C-50005-C, Special Charge Test - March 26, 1945
45. Cl/720 Ratio Before 2nd after Correcting for Chloride in Nickel Chloride - Feb. 5, 1945
46. Variations in 731-C Analyses - Undated
47. Separation of Iron and Tuballoy with Phthallic Acid - Jan. 17, 1945
48. Corrosive Action of Calcium Nitrate and Calcium Chloride Brines on Metals - Jan. 26, 1945
49. Use of Steam Ejection as a Means of Removing Dust and Smoke from Gas - Feb. 20, 1945
50. Solvent Resistivity of Synthetic Gaskets - Purpose of Test - March 13, 1945
51. The Effect of Various Reagents on Dow-Corning Silicone Stoppick Grease - March 15, 1945
52. The Effect of Surface - Active Agents on the Precipitation of Tuballoy - March 16, 1945
53. A Study of the Dielectric Constant of Charge Material - March 16, 1945
54. Corrosive Action of Calcium Nitrate and Calcium Chloride Brines on Metals - March 17, 1945
55. Chemical Analysis of Composite Sample of Ixidized Alpha Bunk - March 20, 1945
56. Factors Affecting the Precipitation of Tubanyl Peroxide from Gunk Solutions at Reduced Temperatures - Part II - Alpha - March 26, 1945
57. Composition and Properties of Process Solutions - April 10, 1945
58. Index of Chemical Research and Development Division Reports - November 15, 1943 to April 1, 1945 - April 12, 1945
59. Method for the Rapid Approximation of Tuballoy in Cold Peroxide Effluents and Gunks by Alpha Counting - April 18, 1945

TEC BOX #54

60. Tuballoy Peroxide Part II the Influence of Sulphate on the Solubility and Rate of Precipitation of Tuballoy Peroxide - April 19, 1945
61. DSM-13 A. Bell - 1943
62. DSM-16 A. Bell - 1943
63. John H. Russell - 1944
64. DSM #2 C.F.H. Allen & A. Bell - 1943
65. Recovery of Tuballoy from Carbon - June 23, 1945
66. The Use of a Centrifuge Bowl Liner for Collecting, Calcining, and Conversion Operations as Applied to the Cold Precipitation Process - Feb. 3, 1944
67. Liquid Phase and Vapor Phase Chlorination of T Oxides - May 21, 1945
68. Progress Report - Project 31 Vapor Phase Chlorination of T_2O_3 - April 2, 1945
69. Application of Conductivity Measurements to a Study of a) Complex Formation Between $T_2O_2^{++}$ and F^- and Al^{+++} and F^- (6) Titration of F^- Ion with H^+ Ion - Sept. 15, 1945
70. The Preparation and Analysis of the Carbides of T2, Be, Zr, and Th. - Sept. 19, 1945
71. Development of Equipment for the Purification of Mercury by Distillation - May 26, 1945
72. Notes on Methods for Leaching Tuballoy from Carbon Ash - July 26, 1945
73. Progress Report - Department 188 - Kodak 7th Period - June 17, 1945 through July 14, 1945
74. Quantitation Observations of the Characteristics of TCl_5 Decomposition - April 3, 1945
75. Chlorination of Tuballoy Oxides with Hexachlorpropylene a Preliminary Report - April 3, 1945
76. Chemical Analysis of CEC Batch 3-20A - Feb. 20, 1945
77. Chemical Analysis of Composite Sample of E. P. Batches - Feb. 19, 1945

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78. Effect of Oxidized Alpha Gunk Solution and Peroxide - Precipitated Bunk Slurry on the New Ferrous Alloyw, N153 and N155 - March 13, 1945
79. Composition of Alpha and Beta Bunks - Jan. 29, 1945
80. Chemical Analysis of Composite Sample of PSW Batches - Feb. 19, 1945
81. Separation of Tuballoy from Gunk Solutions by Sulfite Precipitation - April 18, 1945
82. Effect of Oxidized Alpha Gunk Solution and Peroxide - Precipitated Gunk Slurry on the New Ferrous Alloys N-153 & N-155 - May 89, 1945
83. Drying and Calcination of Tuballoy Oxide - June 4, 1945
84. Beta Hexafluoride Conversion Effluent Salvage - May 24, 1945
85. Recovery of Tuballoy from Alpha Iron Slurry by Ether Extraction Procedures - May 12, 1945
86. Beta Hexafluoride Conversion Preliminary Report - May 22, 1945
87. The Continuous Extraction of Beta Gunk with Dibutyl Cellosolve and Dibutyl Carbitol - May 16, 1945
88. Composition and Properties of Process Solutions - May 19, 1945
89. Composition and Properties of Process Solutions - May 24, 1945
90. The Extraction of Beta Gunk in Packed Columns with Dibutyl Cellesolve and Dibutyl Carbitol - June 4, 1945
91. Removal of Sludge Deposits from Black Iron Pipes - June 29, 1945
92. Drying and Calcining of Tuballoy Oxide - Part C - June 23, 1945
93. Drying and Calcining of Tuballoy Oxide - Part B - June 22, 1945
94. Progress Report - Dept. 188 - Kodak - 5th Period - April 22, 1945 through May 19, 1945
95. Composition and Properties of Process Samples - July 11, 1945
96. Fluorescent Determination of 720 in Oil - July 1945
97. Salt Effects on Low Temperatures Peroxide Precipitation - July 30, 1945

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98. The Preparation of TiCl_4 with Hexachloropropylene - Part I - July 27, 1945
99. The Dehydration of Aqueous TiCl_4 Solutions - Aug. 1, 1945
100. An Apparatus for Studying Charge Material by Fractional Condensation of the Vapors - July 28, 1945
101. Extra Rapid Analysis for Uranium by the Alpha Count Method - October 1945
102. The Fusion Attack of Ignited Iron Residues - July 6, 1945
103. Preliminary Report on Variations in Track Behavior of Uniform Charge Material - Undated
104. Bimonthly Progress Report - Period Ending Feb. 10, 1945
105. Dept. 188 - Progress Report - Kodak 10th Period - September 9, 1945 through October 6, 1945
106. Dept. 188 - Progress Report - Kodak 11th Period - October 7, 1945 through November 3, 1945
107. The Synthesis of TiCl_4 from Aqueous Solution - Preliminary Report - Undated
108. Recovery of Tuballoy from Surface Deposits - Part I - Metals and Graphite - Sept. 27, 1945
109. Progress Report No. 1 - Tuballoy and H^+ Function of Some Soft Tuballoy Glass Electrodes - Oct. 4, 1945
110. Effect of $\text{Cu}(\text{NO}_3)_2$, TO_2 $(\text{NO}_3)_2$ and $\text{FE} (\text{NO}_3)_3$ on the Distribution Coefficients of Nitrate Ion in the System Dibutyl Carbitol - Nitric Acid - Sept. 29, 1945
111. Corrosion and Solvent Resistance of Metals and Materials Abstracts and Index - Aug. 10, 1945
112. Report on Handling of Charge Material - Aug. 28, 1944
113. Contents of Alpha Charge Bottles - Oct. 9, 1944
114. Analysis of Iron Residue - Dece. 4, 1944
115. Calcination of Chemical 724 - July 7, 1944

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116. Calcination of Chemical 727 - July 1, 1944
117. Report of Analysis of Experimental Alpha Gunk - June 24, 1944
118. Continued Refilling of Alpha Charge Bottles - Aug. 9, 1945
119. Concluding "Hex" Pilot Plant Operations of 9733-1 - Dec. 30, 1944
120. Memo dated 2/9/45 720 Content of Sump
121. Memo dated 1-17-45 Corrosion Effects of Ammonium Benzoate on Black Iron, Preparation of Ammonium Benzoate Solutions from 707 and Benzoic Acid
122. Memo dated 2/1/45 - Solvent Recovery of Peroxide Effluents
123. Precipitation of Iron Iron Gunks - March 13, 1945
124. Memo Undated - Operation of Filter Press in Alpha Special Recovery Plant (follow-up on JAK-CD/4588)
125. Monthly Progress Report - Period Ending May 5, 1945 - May 7, 1945
126. Insoluble Material in Oxidized Alpha Gunks - May 11, 1945
127. Experiments Using A Filter Press on Bulk Treatment Precipitates - Undated
128. Recovery of 720 in Bulk Treatment - Feb. 24, 1945
129. 1.16.1 John Googins Reports - 1944-45
130. 700 Recycle 3rd Week 8th Period - 1945
131. 700 Recycle 2nd Week 8th Period - 1945
132. Miscellaneous - Sublimation - 1943-44
133. Chemical Inventories - Bulk Treatment - 700 Series - 1945
134. Transfer of Chemicals - Dept. 180 - 1943-45
135. Miscellaneous - Liquid Phase - 1943-45
136. Quantitative Reports & Materials Estimates - Dept. 180 - 1943-45
137. 700 Recycle 9th Period 3rd Week - 1945

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138. 700 Recycle 2nd Week 9th Period - 1945
139. 700 Recycle 1st Week 9th Period - 1945
140. 700 Recycle 4th Week 8th Period - 1945
141. 700 Recycle 4th Week 8th Period - 1945
142. 700 Recycle 3rd Week 7th Period - 1945
143. 700 Recycle 2nd Week 7th Period - 1945
144. 700 Recycle 1st Week 7th Period - 1945
145. 70 Recycle 4th Week 6th Period - 1945
146. 900 Recycle 2nd of the 9th Period - 1945
147. 900 Recycle 1st of the 9th Period - 1945
148. 900 Recycle 4th of the 8th Period - 1945
149. 900 Recycle 3rd of the 8th Period - 1945
150. 900 Recycle 2nd of the 8th Period - 1945
151. 900 Recycle 1st Week of the 8th Period - 1945
152. 900 Recycle 7th Period, 4th Week - 1945
153. 900 Recycle 7th Period, 3rd Week - 1945
154. 900 Recycle 7th Period 2nd Week - 1945
155. 900 Recycle 7th Period 1st Week - 1945
156. Period Progress Report Dept. 180 - 1943-45
157. 900 Recycle 6th Period 4th Week - 1945
158. 900 Recycle 6th Period 3rd Week - 1945
159. 700 Recycle 4th Week 9th Period - 1945
160. 700 Recycle 1st Week 10th Period - 1945
161. Quantitative Operations Reports, Dept 180 - 1944-45

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162. Inventory of 9202 Storeroom - 1945
163. 700 Recycle 1st Week 8th Period - 1945
164. 700 Recycle 2nd Week 10th Period - 1945
165. 700 Recycle 3rd Week 10th Period - 1945
166. 700 Recycle 4th Week 10th Period - 1945
167. 700 Recycle 1st Week 11th Period - 1945
168. 900 Recycle 1st Week 11th Period - 1945
169. 700 Recycle 2nd Week 11th Period - 1945
170. 900 Recycle 2nd Week 11th Period - 1945
171. 700 Recycle 3rd Week 11th Period - 1945
172. 900 Recycle 3rd Week 11th Period - 1945
173. 700 Recycle 4th Week 11th Period - 1945
174. 900 Recycle 4th Week 11th Period - 1945
175. Material Account and in Process 700 E 900 Series Vapor Phase - 1945

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- 156 1. Run Production Data - Liquid Phase 900 & 800 - 1945
2. 700 Cycle 6th Period 1st Week - 1945
3. 900 Recycle 2nd Week 10th Period - 1945
4. 900 Recycle 3rd Week 10th Period - 1945
5. 900 Recycle 4th Week 9th Period - 1945
6. 900 Recycle 3rd Week 9th Period - 1945
7. 900 Recycle 1st Week 10th Period - 1945
8. 900 Recycle 4th Week 10th Period - 1945
9. 700 Recycle 6th Period 2nd Week - 1945
10. 700 Recycle 6th Period 3rd Week - 1945
11. Chemical Inventories - Bulk Treatment 900 Series - 1945
12. Chemical Inventories - Liquid Phase - 1945
13. Operating Expense Statements - Dept. 180 - 1944-45
14. Procedures in Boston Office General - 1943-44
15. Material Accounts and Quantitative Reports - Liquid Phase - 1944-45
16. Chemical Inventories - Vapor Phase - 1944-45
17. Minutes of Meetings - Dept. 180 - 1945
18. Miscellaneous - Special Chemicals - 1945
19. Analyses - Dept. 180 - 1944-45
20. Miscellaneous - Bottling - 1944
21. Miscellaneous - Special Recovery - 1945
22. Miscellaneous - Primary Recovery - 1943-44
23. Weekly Quant. Reports - Bottling 700 and 900 Series - 1944-45
24. Equipment Nomenclature - Sublimation - 1945

- 51 25. Armstrong, E. C. - 1944
26. Smith, F. S. - 1944-45

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27. Gillis, W. W. - 1945
 28. Meier, Don W. - 1944-45
 29. Kentler, C. J. - 1945
 30. Kyger, J. A. - 1945
 31. Noble, John R. - 1944-45
 32. Pruitt, Lee - 1945
 33. Coffing, T. - 1945
 34. Sprague, T. P. - 1944
 35. Allen, J. B. - 1944
 36. Jpwe, J. E. - 1944-45
 37. Schmidt, R. J. - 1944
 38. Sampson, A. T. - 1945
 39. Miscellaneous - 1945
 40. Miscellaneous - 1945
 41. Schrador, R. J. - 1943-44
 - 158 42. Berntsen, H. I. - 1944-45
 43. Crosby, G. E. - 1945
 44. Rudolph, R. - 1944
 45. Miscellaneous - 1945
 46. Berner, R. J. - 1943-44
 47. Miscellaneous - 1943-45
 48. Usage and Recovery - 1944
 49. Chemical #731 Still Usage Summary - 1944
 50. Chemical 731-C Still Production Summary - 1944
 51. B. L. Rose - Schmidt, R. L. - 1944-45
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1591. Conversion PE's No. 3000 to 4000 - 1945
2. Conversion PE's No. 4000 to 5000 - 1945
3. 900 Recycle 7th Period 2nd Week - 1945
4. 900 Recycle 7th Period 1st Week - 1945
5. 900 Recycle 4th Week 6th Period - 1945
6. 900 Recycle 6th Period 3rd Week - 1945
7. 900 Recycle 6th Period 2nd Week - 1945
8. 700 Recycle 2nd Week 9th Period - 1945
9. 700 Recycle 1st Week 9th Period - 1945
10. 700 Recycle 3rd Week 8th Period - 1945
11. Miscellaenous - 1944-45
12. Conversion PE's No. 2000 to 3000 - 1945
13. Miscellaneous - 1945
14. BiWeekly Report - 1945
15. No. I Material Balance Run - 1945
16. Miscellaneous - 1945
17. Memorandum - 1945
18. Dept. 181 Shutdown - 1945
19. Correspondence with S&W - 1944-45
20. BiWeekly Report - 1945
21. 900 Recycle 7th Period 3rd Week - 1945
22. 900 Recycle 2nd Week 8th Period - 1945
23. 900 Recycle 3rd Week 8th Period - 1945
24. 900 Recycle - July 21, 1945
25. 900 Recycle 7th Period 4th Week - 1945
26. 900 Recycle 4th Week 8th Period - 1945

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27. 900 Recycle 1st Week 9th Period - 1945
28. Miscellaneous - 1945
29. 900 Recycle 6th Period 1st Week - 1945
30. Alpha II Nomenclature - FTH-9 - 1944 (2 copies)
- 160 31. Miscellaneous - 1944-45
32. 700 Recycle 4th Week 8thg Period - 1945
33. 900 Recycle 2nd Week 10th Period - 1945
34. 700 Recycle 2nd Week 8th Period - 1945
35. 700 Recycle 1st Week 8th Period - 1945
36. 700 Recycle for Week Ending 7-14-45
37. 700 Recycle 6th Period 1st Week - 1945
38. 700 Recycle 6th Period 2nd Week - 1945
39. 700 Recycle for Week Ending 6-17-45
40. 700 Recycle 6th Period 3rd Week - 1945
41. 700 Recycle for Week Ending 6-24-45
42. 700 Recycle for Week Ending 7-1-45
43. 700 Recycle for Week Ending 7-8-45
44. Miscellaneous - 1945
45. Utilization Efficiency Program - 1945
46. Summary of TEC Liner Runs - 1945
47. Tanks - 1945
48. J. F. Stephens - 1945
49. Wilder, C. D. - 1944
50. 700 Recycle 4th Week 10th Period - 1945

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51. Wiitala, E. S. - 1944-45
52. Warner, M. W. - 1945
53. Tholstrup, C. E. - 1944-45
54. Slack, A. D. - 1945
55. Shaw, D. J. - 1944-45
56. Emergency Procedure - 1945
57. Emergency Plan - July 3, 1945
58. Webster, W. B. - 1945
59. Valve Operaitons Procedure for Recovery System #1630 - April 19, 1945
60. Carbons - 1944
- 50/ 61. Shipments of Carboys - 1945
62. Charge Bottles - 1944-45
63. Production Reports (Ray Seven) - 1944
64. Publications in Technical Library - 1945
65. Recovery Problems - 1945
66. Analytical Correspondence - 1945
67. Department Expense Statements - 1944-45
68. Recovery Meetings - 1944-45
69. Miscellaenous - 1944-45
70. "E" End Cleaning 9201-4 - Undated
71. Instructions for Operating Dry-Aclylene Descaling Torch - 1945
(2 copies)
72. Progress Reports - 1945
73. Sampling - 1945
74. 900 Recycle 4th Week 10th Period - 1945

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- 75. Chemical Progress Reports - 1945
- 76. Construction - 1945
- 77. Chemical Section - Calss 42 - Undated
- 78. Chemical Codes - Undated
- 79. Index Numbering Code for TEC Technical Reports - 1945

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1. J. B. Allen - Primary Recovery - Personnel - Dept. 171 - 1944-45
2. Materials and Equipment List - Plate Wash Conversion Liner Service Extension Buildings 9201-3, 4 & 5 - 1944-45
3. Final Report of the Tank Cleaning Committee of the Alpha UU Recovery Group - 1945
4. Classified Receipts - 1945
- 162 5. Receipts Completed - 1945
6. L. Knaff Incoming Conf. Mail Dept. #181 - 1944
7. Conversion PE's No. 1000 to 2000 - 1944
8. Chemical Section - Undated
9. Washington Operations - 1943-45
10. Use of Aerosol in Bin Alpha Machine Wash - 1945
11. Tank Washing Procedures - 1945
12. Tank Cleaning Preliminary Report Alpha Recovery Committee - 1945
13. Standard Practice Book - Primary Recovery Department C. D. Wilder -
14. Recovery Statistics - 1945
15. Recovery Problems - 1945
16. Salary Rate Authorization - 1944
17. Notes on Trip to XA (C. D. Wilder) - 1944
18. Preliminary Experiments on Recovery of Tuballoy Using Hydrogen Peroxide - 1943
19. Material Losses Primary Recovery Dept. - 1945
20. Lip of Can Material Information - 1945
21. Determination of Tuballoy in Kinney Pump Oil - 1945
22. Charge Material Information - 1944
23. Lloyd E. Barnes - 1944
24. Correspondence with D. O. Baird - 1943

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25. Carbons Information - 1945
26. BiWeekly Report and Problems from J. B. Allen (Eng. Div. 181) - 1945
27. Analysis Information - 1945
28. Alpha II Recovery Meetings - 1944-45
29. Memo dated 12/6/44 - Steam & Water Piping for CO₂ Trap Washer Buildings 9201-4 and -5
30. Drawing 1581 - 12-6-44
31. Memo dated 12/2/44 - Sparkler Manufacturing Company Valves - Order 51480 - Buildings 9201-4 and -5
32. Memo dated 12/1/44 - Plate Wash Tank Tool Boxesd - Plate Wash Conversion and Liner Addition - Building 9201-3
33. Drawing 1213 dated 10-9-44
34. Memo dated 12/1/44 - Salvage Material Containers - Plate Wash Conversion - Buidlings 9201-4 and -5
35. Memo dated 12/7/44 - Stainless Steel Pipe - Building 9201-4 and -5
36. Memo dated 1/15/44 - Filter Paper Boxes - Buildings 9201-3, -4 and -5
37. Drawing 1680 - dated 1/10/45
38. Memo dated 2/21/45 - Alterations and Additional - Recovery Area Conversion - Buildings 9201-3, -4 and -5
39. Memo dated 2/26/45 - Hastelloy & Durichlor Valves - P.O. 51483, 51993 & 55514 - Buildings 9201-3, -4 & -5 - PE-2603 & Ext. PE-3150
40. Memo dated 11/29/44 - Plate Wash Conversion - Building 9201-3
41. Memo dated 1/9/45 - Drawings FT 4156 & FT 4157 - Ext. PE-2169 Buildings 9201-3, -4 and -5
42. Memo dated 1/27/45 - Interlocks - Plate Wash Area - Buidlings 9201-3, -4 & -5 - PE-2449 & Ext. E-2281
43. Memo dated 5/12/45 - "E" Jet Washing - Buldings 9201-3, -4 and -5 (PE-2700 and Ext. PE-3810)

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44. Memo dated 5/14/45 - Filter - Floor Drainage System - Chemical Area - Building 9201-3
45. Memo dated 5/16/45 - Equipment Chagnes - Plate Wash Conversion Building 9201-3
46. Memo dated 5/17/45- Drip Connection for "E" Pan Recirculating Pumps - Buildings 9201-3, -4 and -5 - Ext. PE-4050 & PE-2733
47. Memo dated 5/17/45 - Ventilation "E" Recovery Pans - Buidlings 9201-3, -4 and -5
48. Memo dated 11/29/44 - Drawing FT-4516 - B&W Prints - Buidlings 9201-4 & -5
49. Memo dated 11/29/44 - Bin Wash Water Carts - Buildings 9201-4 and -5
50. Drawing 1576 - dated 11/27/44
51. Memo dated 11/29/44 - Crane Bails for New Liners - Buildings 9201-4 and -5
52. Memod ated 5/7/45 - "E" Jet Washing - Buildings 9201-3, -4 and -5 PE-2700 and Ext. PE-3810
53. Memod ated 4/30/45 - Spillman Transporter Guide Rails "M" & "E" Wash Bays Buidling 9201-3
54. Memo dated 4/30/45 - Safety Catches "M" & "E" Recovery Pans - Buildings 9201-3, -4 and -5
55. Memo dated 4/30/45 - Liner Hoisting Equipment - Buildings 9201-3, -4 & -5
56. Memo dated 5/1/45 - "E" Jet Washing - Buidling 9201-3, 04 & -5 - WR-9185 - PE-2700 & Ext. PE-3810
57. Memo dated 5/1/45 - Equipment Chagnes - Plate Wash Conversion - Building 9201-3
58. Memo dated 5.3.45 - "E" Wash Pans - Buidling 9201-3-PE-2646 Drip Gutter "M" Recovery Pans - Building 9201-3, PE 2715
59. Memo dated 5/4/45 - Drip Connections for "E" Panm Recirculating Pumps - Buidlings 9201-3, -4 & -5
60. Memo dated 5/4/45 - Filters - Floor Drainage System - Chemical Area - Buildings 9201-3, -4 & -5

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61. Memo dated 3/6/45 - "E" Wash Pans - Buildings 9201-3, -4 and -5
62. Memo dated 3/12/45 - Liner Hoists - Buildings 9201-3, -4 & -5
63. Memo dated 4/24/45 - Interlock System - Chemical Area - Buildings 9201-3, -4 and -5
64. Memo dated 4/26/45 - "E" Jet Washings - Buildings 9201-3, -4 & -5
WR-9185 - PE 2700 and Ext. PE 3810
65. Memo dated 4/5/45 - Alterations & Additions - Recovery Area Conversion
Building 9201-3 - PE 2611
66. Memo dated 4/5/45 - Alterations to Hose Drip Pans - Buildings 9201-3,
-4 & -5
67. Memo dated 4/6/45 - Nitric Acid Solution - Buildings 9201-3, -4 & -5
Ext. PE 3736 & PE 2686
68. Memo dated 5/11/45 - Ext. PE 3883
69. Memo dated 4/17/45 - Interlocks - Plate Wash Area - Buildings 9201-3,
-4 & -5
70. Memo dated 4/19/45 - "E" Jet Washing - Buildings 9201-3, -4 and -5 -
W. R. 9185
71. Memo dated 4/21/45 - Changes - Recovery Area - Building 9201-3
72. Memo dated 4/21/45 - Drawing FT-4063 Building 9201-3
73. Memo dated 4/23/45 - Drip Gutter "M" Recovery Pans - Buildings 9201-3,
-4 & -5
74. Memo dated 3/27/45 - Additional to Conversion Equipment Buildings
9201-3, -4 and -5
75. Memo dated 4/2/45 - Nitric Acid Solutions - Buildings 9201-3, -4 and
-5
76. Memo dated 4/5/45 - "M" Wash Tanks Building 9201-3 - PE 2642
77. Memo dated 3/13/45 - Ammonium Carbonate Sprays - Buildings 9201-3, -4
& -5
78. Memo dated 3/23/45 - Liner Hoisting Equipment - Buildings 9201-3, -4 &
-5

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79. Memo dated 4/28/45 - "E" Jet Washing - Buildings 9201-3, 0-4 & -5 PE 2700 & Ext. 3810
80. Drawing E10a - 10932 b 2-10-45
81. Classified Documents Incoming - J. BL Allen - 1944-45
82. Suspense File - R. F. Stevens - 1945
83. Stephens, John F. - Incoming - 1944-45
84. Outgoing - Stephens - 1944-45
85. Dr. Cameron - 1945
86. Dept. 186 - Mather, C. E. - 1944
87. Dept. 186 Misc. Correspondence - 1944-45
- 103 88. Dept. 186 - Winkler, H. W. - 1944-45
89. Dept. 186 - Morfitt - Reports - 1944
90. Dept. 186 - Morfitt, J. W. - 1944
91. Dept. 186 - Piker, M. L. - 1945
92. Dept. 186 Miscellaneous Technical Reports - 1944
93. Dept. 186 Monthly Progress Report - 1944
94. Dept. 186 Smith, T. A. - 1944
95. Dept. 186 Piker - Reports - 1944
96. Dept. 187 Miscellaneous Correspondence - 1944-45
97. Dept. 187 Hanson - Miscellaneous Correspondence - 1944-45
98. Dept. 188 Monthly Progress Reports - 1945
99. Dept. 190 Miscellaneous Correspondence - 1944-45
100. Dept. 190 - Rose, B. L. - 1944-45
101. Dept. 190 Monthly Progress Report - 1944-45
102. Dept. 109 West, L. E. 1944-45

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103. Dept 190 Salminen, W. M. - 1944-45
104. Miscellaneous - 1945
105. SPEX-S WBO-O.V.B.-BUS - Standard Job Description - 1945
106. M. Materials Transferred - J. F. Stephens - 1945
107. Dept. 181 - Operating Procedure Book - 1945
108. Classified Documents (outgoing) J. B. Allen - 1944-45
109. Classified Receipts (incoming) J. B. Allen - 1944-45
110. Alpha II Manual - 1945
111. To Be Filed - 1943-46
112. Dept. 191 Misc. Corres. 1944-45
113. Dept. 191 Cameron, A. E. - 1943-45
114. J. B. Allen - M. F. Quina - 1944
115. Memo dated 12/2/44 - Promotions in Primary Recovery Department
116. Memo dated 12/19/44 - Promotions in Primary Recovery Department
Buildings 9201-4 & -5
117. Operating Procedure Nol 6 - 1944-45
118. Dept. 190 Smith, E. A. - 1944-45
119. Dept 190 - Thornton, C. D. W. - 1945
120. Memo dated 5/31/45 - Report of Analysis of Special Samples of S-50
Feed
121. Dept. 190 Miscellaneous Technical Reports - 1944-45
122. Dept. 191 Miscellaneous Technical Reports - 1944-45
123. Dept. 190 Weekly Laboratory Report - 1945

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1. Air Systems - 1944-45
2. Air Leak Installation - 1945
3. Progress Report - Period Ending 2/23/46
4. Progress Report - Period Ending 7/14/45
5. Progress Report - Period Ending 8/11/45
6. Assay and Analysis - 1946
7. Assau and Analysis - 1945
8. Buildings - General - 1944
9. Assay and Analysis - 1944
10. Buidlings - Index - 1943-45
11. Carbon REquirements - 1943-44
12. Buildings - Plans - Beta - 1944
13. Chemical - General - 1943-46
- 166 14. Charts, Tables, Graphs, etc. - 1944
15. Chmeical - Analytical - Tests Methods - 1945-46
16. Chemical - Alpha Particles with Layer Thickness - Undated
17. Chemical - Buidling 9212 - 1946
18. Chemical - Beta Cycle Time - 1945
19. Chemical - Charge Material - Charge Bottles - 1943-45
20. Chemical - Charge Material -General - 1944-46
21. Chemical - Charge Material - Shipments 1943-44
22. Chemical - Charge Material - Feed - 1944-45
23. TS Chemical Codes - 1943-44
24. Chemical Codes - 1945-46
25. Chemical - Charge Material - 234 U Material - 1946
26. Chemical E Pocket Take Out - 1945-46

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27. Chemical E Pockets - 1945-46
28. Chemical - Losses in Beta - 1944-46
29. Chemical - General Reports - 1945
30. Chemical - Mat. Cont. - Physical Inventories - 1945
31. Chemical - Maintenance - 1946
32. Chemical - Material Control - BCP Report - 1945-46
33. Chemical - Material Control - ACP Report - 1945
34. Chemical - Material Cont. - PSC Transfers - 1945
35. Chemical - Material Cont. Process Efficiencies - 1945-46
36. Chemical - Mat. Cont. - Procedure Manual - 1945
37. D-4.480 - 1945-46
38. D-7 Metallurgical Laboratory - 1945
39. G-1.133's Dr. J. H. Sterner - 1945
40. G-3.200.1 - 1945
41. Chemical - Beta Reports - 1944
42. B-4 - 1946
43. G-2 Adrian H. Dahl - 1945
44. C-4 360 Chem. Deopf 2714 G - 1945-46
45. The Recovery of "T" from M-Aoh Residues by Continuous Fusion with NaHSO_4 - October 30, 1945
46. C-5.340 Pilot Plant - 1945
- 106 47. C-5.350 1945-46
48. C-5.355 1945-46
49. C-5.365 1945-46
50. Miscellaneous - 1946

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51. C-5.385 - 1945
52. Miscellaneous - 1946
53. C-5.381 - 1945-46
54. D-1 T.R.I.O. (Library) 1945-46
55. Accounting - 1944-46
56. C-3.370 - 1945
57. C-3.375 - 1945-46
58. C-3.381 - 1945-46
59. C-3.385 - 1945-46
60. C-4.360 - 1945
61. D-4.210 - 1945-46
62. D-4.100 - Research Secretary - 1945-46
63. D-4.220 - 1945-46
64. D-4.340 - 1945
65. ~~D-4.470 - 1945-46~~
66. *lc* Outgoing Classified Mail Log - 1945-46
67. Incoming and Outgoing Mail Log - 1944
68. Incoming and Outgoing Mail Log - 1943-44
69. Incoming and Outgoing Mail Log - 1944
70. Department 196 - Authorized Operating Procedures - 1945
71. Approval Sheets - 1945-46

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1. Variables Affecting Cold Peroxide PRecipitation of TJM Beta Grunk Under Condition of Plant Production and a Recommended Operating Procedure - October 1945
2. ~~C-0.350 - 1945-46~~
- 168^{3.} C-1.350 - 1945
4. C-1.360 - 1945
5. C-1.365 - 1945
6. C-0.375 - 1945-46
7. C-0.380 - 1945-46
8. C-0.381 - 1945-46
9. C-0.385 - 1945-46
10. C-1.320 9733-1, Development Charsow) - 1945
11. C-2.355 - 1945-46
12. C-2.375 - 1945-46
13. C-2.381 - 1945-46
14. C-3.210 Chem. Devlp. 2714-F - 1945
15. C-0.355 - 1945-46
16. C-0.360 - 1945-46
17. C-1.381 - 1945
18. C-1.385 - 1945
19. C-2.320 Chem. Devlp. - 9833.2 - 1945-46
20. C-2.350 - 1945-46
21. C-3.365 - 1945
22. C-1.370 - 1945
23. C-3.375 - 1945

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- 24. C-3.300 - 1945-46
- 25. C-3.320 - 1945-46
- 26. ~~C-3.350 - 1945-46~~
- 169 27. C-3.360 - 1945-46
- 28. Chemical Division Operating Manual Department 186 Master Copy -
September 22, 1945
- 29. Standard Practice Manual Stenographic Section - 1944-45
- 30. Organization - U.S.E.D. - 1945-46
- 31. Organization - Progress Improvement - 1943
- 32. Personnel - General - 1945-46
- 33. Personnel - General - 1945
- 34. Personnel - General - 1943-44
- 35. Organization - Office Services - 1944
- 36. Organization - Office Services - 1945-46
- 37. C-0 Chemical Development - C. E. Harson - 1944-46
- 38. C-0.320 - 1945
- 39. C-0.954-3 W. J. Wilcox - 1945-46
- 170 40. Emergency Plan - July 3, 1945
- 41. Emergency Plan - July 3, 1945
- 42. Refining Salvage Department Operational Procedures - Undated
- 43. B-6 Production Assay - Cameron - 1945-46
- 44. CD-5500's E. F. Edwards - 1945-46

TEC BOX #60

1. Manual of Reproduction Plant Work - 1945
2. 26 Catalogue Alpha I Plates Nomenclature Parts TEC Numbers - Catalogue Numbers - 1945
3. Technical Seminar Reports - Property of J. C. Hecker - 1945
4. Operating Procedure - Dept. 180 - 1945
5. Chemical Division Operating Manual - Dept. 181 - Master Copy - 1945
- 171 6. Emergency Procedure - Alpha Process Division - March 15, 1945
7. Emergency Plan - Undated
8. TEC-CEW Manual of Standard Analytical Methods - 1945
9. Emergency Procedure - 1945
10. Operating Procedures Primary Recovery Dept. - 1944
11. Refining Primary Recovery Dept. 186 - Operation Procedures - 1944
- 1)2 12. M, E & L Assembly H & J Castings - 1945
13. Nomenclature Codes and Definitions - 1943-44
14. Medical - 1945
15. Mechanical Servicing - General - 1943-45
16. Mechanical Servicing - Beta - 1943-44
17. M, E & L Assembly - Spare Parts Assembly - 1944
18. M, E & L Beta Assembly Program - 1945
19. M, E & L Beta Unit Inventory - 1945-46
20. Oil System - Beta - Undated
21. Oil System - General - 1944-45
22. M, E & L Assembly Beta M Redesign - 1943-44
23. Gamma Stage - 1944
24. M, E & L Assembly Heaters - 1944

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25. M, E & L Assembly - Beta - 1945-46
26. M, E, & L Assembly - General - 1944-45
27. M - Voltage - 1945
28. Locks & Keys - 1944
29. M, E & L, Beta Sump Spare Parts - 1944
30. Final Dummy - 1946
31. M, E & L Beta Spare Parts - 1945
32. M, E & L Assembly - Beta "M" Units In Shop - 1944
33. M, E & L Assembly - Betta - 1944
34. Emergency Plan - 1945
35. Organization - General Stores - 1945
36. Oxygen Cascade System - 1944-45
37. Oil Tests - General - 1944
38. Oil Tests - Beta - 1944
39. Operating Services - 1944
40. Operation Schedules - Beta - 1944
41. Operational Troubles - 1944
42. Outage Codes & Procedures - 1943-45
43. Organization - General - 1944
44. Organization Charts - Eastman Kodak & TEC - 1943-44
- 73 46. Organization - Engineering - 1943-45
47. A. C. PIG - 1944
48. Electroplating & Carbon Burning - 1943

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- 49. Engineering Information Material - 1943-44
- 50. Equipment General - 1943
- 51. Equipment Chemical - 1946
- 52. Equipment Chemical No. 1 - 1943-44
- 53. Equipment - Refining - 1943-44
- 54. Experiments - Chemical - 1946
- 55. Experiments - Process Improvement - 1946
- 56. Housing - General - 1943-44
- 57. Hull, D.C Miscellaneous - Memos - 1945
- 58. IBM Equipment - 1945
- 59. Itineraries - 1944

TEC BOX #61

1. Vacuum Manual, Alpha - 1944
2. Alpha High Voltage Insulator Picture Catalogue - 6/45
3. Process Manual Alpha I - Aug. 22, 1945
4. Pictures - 1946
5. Master Index 9207 Group of Buildings - 3/31/45
6. Miscellaneous - 1946
7. Miscellaneous - 1944/46
- 104 8. Daily Run Outage Summary - Alpha - 1944
9. Daily Run Outage Summary - Alpha - 1944
10. Daily Run Outage Summary - Alpha - 1944
11. Building Production Summary (Daily) Alpha - 1944
12. Daily Operational Digest - Track 2 - Alpha - 1944
13. Alpha Report - Transit Cycle - 9201 & 2 - 1944
14. "D" & "M" Status Report - Alpha - 1944
15. Building Production Summary (Daily) Alpha - 1944
16. Miscellaneous - 1943-46
17. Miscellaneous - 1945
18. Spot Check - 1945-46
19. Army Correspondence - Security - 1945
20. Code Numbers - Chemical - 1943-45
- 105 21. Army Correspondence - Security - 1945
22. Army Correspondence - Salvage - 1945
23. Army Correspondence - K-25 - 1946
24. Army Correspondence - Salvage - 1945-46

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25. Army Correspondence - Charge Material - 1945-46
26. Army Correspondence - General - 1946
27. Army Correspondence - General - 1945
28. Army Correspondence - Dr. Conklin's - 1945
29. Daily Run Statistics Summary - Alpha - 1944
30. Daily Run Statistics Summary - Alpha - 1944

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1. Daily Run Statistics Summary - Alpha - 1944
2. Transfer Daily Run Statistics Summary - Alpha - 1944

- 170 3. Miscellaneous - 1943-44
4. Miscellaneous - 1943-44
5. Miscellaneous - 1943
6. Miscellaneous - 1943-44
7. Miscellaneous - 1943
8. Miscellaneous - 1943-44
9. Miscellaneous - 1943
10. Miscellaneous - 1943
11. Miscellaneous - 1943-44
12. Emergency Plan - July 3, 1945
13. Daily Run Statistics Summary - Alpha - 1944
14. Routine Service Procedure - Alpha Division - Undated
15. Daily Spot Checks - All Alpha Tracks - Alpha - 1944

- 177 16. Daily Spot Check Report - Alpha - Track A1, A2 - 1944
17. Miscellaneous - 1944-45
18. Miscellaneous - 1943-44
19. Miscellaneous - 1943-44
20. Job Description - 1945

- 178 21. Alpha Spot Check - 1945
22. Miscellaneous - 1945
23. Emergency Procedure - 1945
24. Emergency Plan - July 3, 1945
25. Emergency Procedure Manual - 1945
26. Beta Spot Check - 1945
27. Routine Service Procedures Alpha Div. 9201-3 - 1945

TEC BOX #63

1. Progress Reports - Chemical Division - 7th, 8th, 9th, 10th Period - 1945
2. Chemical - Material Control - BOT Report - 1945
3. Chemical - Mat. Cont. - Conc. of Beta Recycle Reports - 1944
4. Progress Reports - Refining Division - 1944-45
5. Refining Division Progress Report - 1944-45
6. Refining Division - Technical Staff Progress Report - 1944-45
7. Refining - Beta - 1945-47
8. Refining - Beta Curtailment - 1946-47
9. Refining - Beta Expansion Data - 1945
10. Refining - Carbon - 1945
11. Refining - Development - 1946
12. Beta Shutdown Procedure for Beta Building - 1947
13. Refining Spare Parts - 1945
- 179 14. Refining Division - Approval Sheets - 1944-45
15. Refining - Beta Design Meeting - 1944-45
16. Refining Division - Beta Operations Meeting - 1945
17. Progress Reports - Prod Div. - 1945
18. Progress Report of the Production Division or the Month of June 1944
19. Progress Report of the Production Division for the Eleventh Kodak Period October 7 through November 3, 1945
20. Beta Recycle Salvage, Dept. 185-V - 1946
- 180 21. Reactor Operation - RC - 1946: Decomposer Operation - 1946: H-Bottle Filling - Rms. 43, 44, & 45 - 1946: Dispatch and Control of RC Batches and Refill H-Bottles - RC - 1946: Sampling - 1946: General Information - RC - 1946: The Beta Physical Inventory - All Room: The Beckman Portable pH Meter - All Sections: Rm 23 Material Transfer Procedure - PRO: Operation of Backwashers - XRO: Receiving material from K-25-HEX Conversion: Process Notes - All Sections Beta Physical

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Inventory - All Sections: Taking Specific Gravity - All Sections:
and Safety Regulations for Tantalum K. Felament Hydrofluorinating
Process - 1946

22. Chemical Division Operating Manual - Dept. 185 - Master Copy - 1946,
January 15
23. Chemical Divison Operating Manual - Dept. 196 - Master Copy - December
1, 1945
24. Production Divisions Second Kodak Period Reports from January 27, 1946
through February 23, 1946
25. Production Divison Third Kodak Period Reports from Feburary 24, 1946
through March 23, 1946
26. Production Divisions Fourth Kodak Period Reports from March 24, 1946
through April 20, 1946
27. Production Division Fifth Kodak Period Reports from April 21, 1946
through May 18, 1946
28. Production Divisions First Kodak Period Reports from December 30, 1945
to January 27, 1946

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- 181
1. Progress Reports - Chemical Division 11th Period - 1945-46
 2. Progress Reports - Chemical Division - Jan. - March 1945
 3. Progress Reports - Chemical Division - 1943-44
 4. Conference Notes - Chemical - 1944-46
 5. Construction - 1943-45
 6. Conversion - General - 1945
 7. Progress Reports - Chemical Division - 4th, 5th, 6th Periods - 1945
 8. Progress Reports - Training - 1943-44
 9. Production Division - Progress Reports - 1944-45
 10. Progress Report of the Production Division - 1944
- 182
11. Procedures Beta - 1945-46
 12. Procedures - Chemical - 1944-46
 13. Procedures - Electrical - 1944
 14. Process Improvement - Operations - 1946
 15. Radiation Measurement - 1944
 16. "Q" - 1946
 17. "Q" Meter - 1945
 18. Reading File - 1943
 19. Chemical - Research and Development - 1945-46
 20. Chemical - Requirements - 1943-44
 21. RXC Beta - 1944
 22. Rubber - May 22, 1944
 23. Refining Deta 9204-4 - 1945
 24. Refining Gen. No. 1 - 1943-44
 25. Refining Gen. No. 2 - 1943-45

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26. Chemical - Safety - R. H. Orris - 1945-46
27. Chemical - Safety - Ray Murray - 1946
28. Chemical - Safety - Limits Exceeded - 1946
29. Chemical - Safety - General - 1945-46
30. Chemical - Salvage - 1945
31. Chlorine - 1944
32. Codes - 1943-46
33. Completion Schedules - 1945
34. Salvage Inventories - 1946
35. Conference Notes - General - 1943-46
36. Conference Notes - Beta - 1943-45
37. Conference Notes - Beta - No. 2 - 1944-45
38. Conference Notes - Beta - No. 3 - 1945-46
39. Cooling Systems - General - 1944-46
40. Corrosion - 1944
41. Cost Account Graphics - 1945
42. Coulometers - Undated
43. Data Recoding - General - 1944-45
- 183 44. Data REcoding - Forms - Division Office - Undated
45. Data Recording - Forms - Records Office - Revised - 1944
46. Supply - Work Requisitions - 1945-46
47. Supply Tools - 1945
48. Supply - Stock Authorization Cards - 1945

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49. Supply Shop Orders - 1945
50. Supply S.E.R. Correspondence - 1945
51. S.E.R.'s - 1946
52. Supply - Critical Materials (other than spare parts) 1943-44
53. Supply - Chemical - 1945
54. Supply - Beta - 1945
55. Supply - General - 1944
56. Suggestion Award System - 1944
57. Suggestions Award System - 1945-46
58. Start-up Report - 1945
59. Specificatons - 1944
60. Solder - Undated
61. Shutdown - Alpha - 1943
62. Shutdown - Alpha - Routine - 1943
63. Shutdowns - General - 1946
64. Drawings - Correspondence - 1943
65. Dsign Changes - Beta - 1946
66. Design Changes - General - 1943-44
67. Data Recording - Forms. No. 1 - Undated
68. Data Recording - Forms No. 2 - 1945
69. Data Recording - Beta - 1944-45
70. Data Recording - General No. 1 - 1944
71. Terminations; Correspondence - 1945
72. Telephone Conversation - 1943

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73. Tank Cleaning - 1943-46
74. "T" Recovery - 1944
75. "T" Recovery - 1945
76. Vacuum - Booklets - 1943-45
77. Tungsten - 1943-44
78. Transportation - General - 1944
79. Training Vestibule - 1943
80. Training Supervisory - 1943-46
81. Training Seminars - 1944-45
82. Training Reports - USED - 1944
83. Training Reports - 1945
84. Training - Photographic - 1944
85. Training - Job Description - 1944
86. Training - Initial Training Classes - 1943
87. Procedure for Starting Up High Voltage Cubicle 1943
88. Training Cubicle Operators - 1944
89. Training Conferences - 1945
- 184 90. Training Charts - 1943-45
91. Training General - 1943
92. Training - General - 1944-45

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1. Vacuum General - 1945
2. Vacuum - Correspondence with D.P.I. - 1943
3. Vacuum - General - 1943-45
4. Vacuum - Geta - 1943-44
5. Vacuum - Alpha II - 1943-44
6. Vacuum - Alpha I - B - 1944
7. Vacuum - Alpha I - 1943-44
8. Personnel - Absenteeism - 1943-44
9. Rob Roy Cyr Personal - 1944
10. Rob Roy Cyr - 1945
11. Personnel Distribution by Buildings - 1944
12. Personnel - Employment relations - 1945
13. Personnel - Employment - 1943-45
14. Personnel - Hiring Curves - 1944
15. Personnel - Incentive System - 1944
16. Personnel Insurance - 1943
17. Personnel - Job Description - 1944-46
18. Personnel - Merit Rating - 1944
19. Personnel - Military - 1944-45
20. Personnel - Overtime - 1945-46
21. Personnel - Selective Service - 1943-44
22. Personnel - Transfers 2 EK and TEC Kingsport - 1945
23. Personnel - USED (R.L.S. & P.I. - 1945-46
24. Personnel - Chemical - General - 1946
25. Chemical Division Organization - 1943

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26. Refining Personnel (Gen) - 1945
- 185 27. Refining Personnel - Job Descriptions - 1943-44
28. Refining Personnel - Employment Reg. Summaries - 1944-45
29. Refining Personnel - Personnel & Organization - 1943-44
30. Refining Personnel - Personnel & Organization - 1943-44
31. Refining Personnel - Personnel Summary - 1944
32. Policy & Procedure - (General) - 1943
33. Pipe Painting - 1943
34. 5 Powers Plant - Security Note - 1945
35. Safety - Accident Preventions - 1945-46
36. Safety - Booklets - 1943-44
37. Safety - Chemical - 1943-44
38. Safety - Procedures in Effect 1 thru 40 - 1945-46
39. Safety - Procedure in Effect 41 thru 156 - 1944-46
40. Safety - Clothing & Equipment - 1944-45
41. Clothing & Safety Equipment #1 - 1943-44
42. Safety - Fire Reports - 1945
43. Safety - Personal Inquiry - 1945
44. Safety - Personal Inquiry - 1944-45
45. Salvage - 1944
46. Sand Blasting - 1943-44
47. Safety - General - 1944-45
48. Security - General - 1945-46

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49. Security - General - 1943-44
50. Security - Badge & Pass System - 1946
51. Security - Badge & Pass System - 1943
52. Security - Badge Requisition Correspondence - 1943-45
53. Security - Chemical Area - 1944
54. Security - Classified Material Handling - 1945
55. Security - Classified Material Handling - 1944-46
56. Security Manual - Undated
57. Security - Production Figures - 1944-45
58. Security Restriction of Bldgs. - 1944-45
59. Process Division Flow Diagram of Productions - 1944
60. Vacuum Task Descriptions - TRS 34 - 1944
61. Vacuum Operators, Course of Study for - 1944
- 186 62. Process Division Operational Breakdown - 1943
63. Process Division Operating Trouble - Shooter's Manual - 1944
64. Process Division Operating procedures, Illustrated - 1943
65. Process Division Operating Procedure - 1943
66. Ion Gage Training Manual - 1944
67. Process Division Operating Procedures - 1943-44
68. Vacuum Operation and Maintenance - 1944
69. Alpha II Training Manual - 1944
70. Refining Division - Operating Manual - 1944
71. Process Division Operating Procedures - 1945

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- 187 1. Process Manual - Alpha I - August 22, 1948
2. Process Manual - Alpha 1/5 - August 22, 1945
- 188 3. Process Div. Alpha IB Electrical Circuits - 5/1/44
4. Process Manual - Alpha II - August 22, 1945
5. Process Division Operating Procedures - January 3, 1944
6. Refining Division - Training Manual - April 10, 1944
7. XBX Operational on the Job Training Material - November 1, 1943

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- 189
1. Flow Sheets - Chemical - 1944
 2. Wash Analyses - Chemical Reports - 1945
 3. J. H. Webb, Misc. Reports - 1944-45
 4. Water System - Beta - 1943-45
 5. Water System - General - 1944-45
 6. Standard Weekly Run Statistics Summary & Graphs - 1944
 7. Vacuum - Gages - 1945
 8. Enhanced Feed - 1944-45
 9. Vacuum Gages - 1943-44
 10. Vacuum - Gaskets and Materials - 1944
 11. Vacuum - Leak Detecting Pur. Orders & Notice of Shipments - 1944-45
 12. Vacuum - Leak Detecting - 1945
 13. Vacuum - Leak Detecting - 1943-45
 14. Vacuum - Leak Detector Reports - 1945-46
 15. Vacuum - Oil - 1944-45
 16. Suggested Vacuum Procedures - Undated
 17. Vacuum - Pumps Jet Assemblies - 1944-45
 18. Vacuum - Pumps, Kinney & Diffusion - 1944-45
 19. Vacuum - Pumps, Kinney & Diffusion - 1943-44
 20. Vacuum - Refrigeration - 1944-45
 21. Vacuum - Refrigeration - 1943-44
 22. Vacuum - Valves (Wilson Seals) 1943-44
 23. Viewing Face Carbon Tests - 1944
 24. Miscellaneous - 1944-45
 25. S.S.R. #1-10 - 1944

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26. S.S.R. - General - 1944-45
27. S.S.R. #11-20 - 1944
28. S.S.R. #21-30 - 1944
29. S.S.R. #31-40 - 1944
- 190 30. S.S.R. #41-50 - 1944
31. S.S.R. #51-60 - 1944
32. S.S.R. #61-70 - 1944
33. S.S.R. #71-80 - 1944
34. S.S.R. #81-90 - 1944
35. S.S.R. #91-100 - 1944
36. S.S.R. #101-110 - 1944
37. S.S.R. #111-121 - 1944
38. S.S.R. #121-130 - 1944
39. S.S.R. #131-140 - 1944
40. S.S.R. #141-150 - 1944
41. S.S.R. #151-160 - 1944
42. S.S.R. #161-170 - 1944
43. S.S.R. #171-180 - 1944.
44. S.S.R. #181-190 - 1944
45. S.S.R. #191-200 - 1944
46. S.S.R. #201-210 - 1944
47. S.S.R. #211-220 - A.O.600.211-220 - 1945
48. S.S.R. #221-230 - A.O.600.221-230 - 1945-46
49. S.S.R. #231-250 - A.O.600.231-250 - 1946

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50. 183 Edd Hall - 1945
51. Rates - Salaries & Wates - 1943045
52. Special Reports - Special - 1944
53. Quality Rating - 1944
54. Tuballoy Shipments - Special (Chemical) - 1944
55. Tuballoy Sulfate Batches (A-S Series) Chemical - 1944
- 191 56. Enhanced Feed Report (Daily) Chemical - 1944
57. Enhancement - Concentration Nomograph - 1945
58. Alpha - XA Reports - 1944
59. XA Reports Daily Abstracts - 1943
60. XA Reports - Operation Record - 1943
61. Operation Record - 1943
62. XA Reports - Photographs - Undated
63. XA Reports - Summary of XA - 1943
64. XAX Reports - DOD - 1943
65. XAX Reports - DOD - 1943
66. XAX Reports - DOD - 1943
67. XAX Reports - DOD - 1944
68. XAX Reports - DOD - 1944

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- 192
1. Extra Copies of Division Progress Reports - 1944
 2. Miscellaneous - 1944
 3. Reports A4.170 M.E.D. Fort Nightly Status Exper. - 1945
 4. Reports - A-4.111 M.E.D. 1/3 Reduced Geometry - 1945
 5. Reports - A-4.111 M.E.D. 1/3 Reduced Geometry - 1945
 6. Reports - D-4.133 Weekly Status of Experiments Special Projects Research Secretary - 1945
 7. Reports - D04.131 Wkly. Status of Experiments Beta Test Group - 1944-45
 8. Reports - D-4.131 Wkly. Status of Experiments Beta Test Group Research Secretary - 1945
 9. Reports - D-4.130 Weekly Status of Experiments in Bldg. 9731 - 1944-45
 10. Reports - D-4.130 Weekly Status of Experiments in Bldg. 9731 Research Secretary - 1945
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- 13
11. Reports - Radiation Laboratory - 1945
 12. Reports Correspondence - 1944-45
 13. Beta Spot Checks - 1946
 14. Beta Spot Checks - 1946
 15. Reports D-2.410 - 1946
 16. Reports - D Special - 1945
 17. Reports - B-6.40 - 1945-46
 18. Reports 133.10-1 Utilization Efficiency Runs - 1945
 19. Reports - A-4.100 Monthly M.E.D. Reports - 1944-45
 20. XAX Reports - DOD - 1944
 21. XAX Reports - Monthly Progress - 1943-44
 22. Miscellaneous - 1944
 23. Miscellaneous - 1944
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24. Daily Operation & Production (Beta Standard) 1944

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25. XBX Reports - Weekly Progress - 1944
26. XBX Daily Run Summary XBX Reports - 1944
26. XAXH Reports - 1944
27. XAXH Operations Manual - 1944
28. XAX Reports - Progress Reports and Weekly Run Summaries - 1943-44
29. XAX Reports - Operation Charts - 1943
30. Reports - D-4.100 P.I. Div. Report, Beta Test Group - 1945-46
31. Reports - Radioation Laboratory - 1944-45
32. Reports - A-4.111 M.E.D. 1/3 Reduced Geometry - 1945

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1. Reports A-4.170 M.E.D. Fortnightly Status of Experiments - 1945
2. Reports A-r.170 M.E.D. Fortnightly Status of Experiments - 1945
3. Reports A-4.170 M.E.D. Fortnightly Status of Experiments - 1944045
4. Reports A-5.110 Beta Staff Progress, Weekly - 1945
5. Reports - A-5.130 - Beta Experiments - 1945

- 195 6. Reports - A-5.130 - Beta Experiments - 1943-45
7. Reports - D-4.133 - Weekly Status of Experiments - Special Projects 1945
8. Reports D-4.210 - 1945-46
9. Reports - D-4.220 - 1945-46
10. Reports - D 4.250 - 1945-46
11. Reports - D-4.300 P.I. Technical Reports Assaying Tuballoy - 1945
12. Reports D-4.330 - 1945
13. Reports D-4.400 - 1945-46
14. Reports A-5.240 thru 600 - Beta Operations - 1945-46

- 190 15. Reports - D-4.410 P.I. Beta Progress Report - 1945-46
16. Reports D-4.420 - 1945-46
17. Reports D-4.430 - 1946
18. Reports D-4.450 P.I. Technical Beta J. Casting - 1945-46
19. Reports D-4.465 P.I. Technical Prog. Report H. V. Transient Gp. 1945-46
20. Reports D-4.470 P.I. Technical Experiments on Alpha Charge - 1945
21. Reports D-4.480 P.I. Technical Poppy Monitor - 1945
22. Reports D-8.450 - 1945
23. 700 Recycle 1st & 2nd week - 12th period - 1945
24. 900 Recycle 4th week - 12th period - 1945

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- 25. 900 Recycle 2nd week - 12th period - 1945
- 26. 900 Recycle 2nd

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25. 900 Recycle 3rd week - 12th period - 1945
 26. 900 Recycle 2nd week - 12th period - 1945
 27. 900 Recycle 1st week - 12th period - 1945
 28. Alpha Spot Checks, Daily - All Alpha Tracks - 1945
 29. All Beta Spot Checks - 1945
 30. Alpha Spot Checks, Daily - All Alpha Tracks - 1945
 31. Beta Spot Checks, Daily - All Beta Tracks - 1945
 32. Beta Spot Checks, Daily - All Beta Tracks - 1943-45
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1973. Miscellaneous - 1944
 - 200 34. Miscellaneous - 1943-44
 35. Miscellaneous - 1944-45
 36. Miscellaneous - 1944
 37. Miscellaneous - 1944
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1. *Miscellaneous - 1944
2. *Miscellaneous - 1944
- ~~509~~ 3. *Miscellaneous - 1943-44
4. *Miscellaneous - 1943-44
5. *Miscellaneous - 1944
6. *Miscellaneous - 1944-45
7. *Engineering - PE's - 1944-45
8. *Miscellaneous - 1944-45
9. *Miscellaneous - 1944
- ~~509~~ 10. *Miscellaneous - 1944

*Reports and Drawings

- 201
1. Library - 1943-45
 2. Conversion - Alpha Equipment - 1944-45
 3. Conversion - Beta Equipment - 1945
 4. Cooling System Alpha I-B - 1943
 5. Concentration - Alpha Reports - 1944
 6. "D" Alpha Reports - 1944
 7. "D" Assembly - Alpha I - 1943-44
 8. "D" Standard - Alpha I - 1944
 9. Data Recording - Alpha I - 1944
 10. Data Recording - Alpha II Forms - Undated
 11. Data Recoding - Alpha I Forms - 1943-44
 12. Data Recording - Alpha I Forms - 1944
 13. Drawings - Alpha II, Correspondence Re - 1943-45
 14. Electrical - Alpha I - 1943-44
 15. Electrical - Alpha I-B - 1944
 16. Electrical - Alpha II - 1943-45
 17. Electrical - Maintenance - Bldg. 8737 - 1943
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- 202
18. Elevators - Alpha I - 1943
 19. Enhancement - Alpha I - 1944
 20. Equipment - Alpha - 1943
 21. Expansion Estimates - 1943
 22. Flurry Supressors - 1943
 23. Image Graphs & Reports - Alpha - 1944
 24. "K" - 1943.44
 25. Cables - 1945

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26. Laboratory Facilities - 1944
 27. Alpha I - General - 1943-44
 28. Alpha I-B General - 1943-44
 29. Alpha 2 - General - 1943-44
 30. Alpha Steering Committee - 1945
 31. Boston Transactions - 1944
 32. Conference Notes - Coordination - Alpha II - 1944-45
 33. Conference Notes - Recovery Alpha II - 1944-45
 34. Miscellaneous - 1944
 35. P.E. Index to Ext. PE's - 1944
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- 203
36. Building Requirements (General) - 1944
 37. Carbon Requirements Alpha I - 1944-45
 38. Charge Material - Alpha I - 1944-45
 39. Charge Material - Alpha II - 1944
 40. Communication System - 1944
 41. Communication System - 1944 Alpha II
 42. Conference Notes Alpha I - 1944
 43. Conference Notes - Alpha I-B - 1944
 44. Conference Notes - Alpha II - 1944

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1. M. E. & L. Assembly - Alpha 1 and 1-3 - 1944-45
 2. M. E. & L. Assembly - Alpha II M Rebuilding Program - 1945
 3. M. E. & L. Assembly - Insulators - 1944-45
 4. M. E. & L. Assembly - Alpha Unit Inventory - 1945
 5. M. E. & L. Assembly - Alpha II - 1943-45
 6. M. E. & L. Assembly - Alpha II - 1944
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204. M. E. & L. Assembly - Alpha I Spare Parts - Catalogue - 1944

8. M. E. & L. Assembly - Insulator Reports - 1945
 9. M. E. & L. Assembly - Liners - 1944-45
 10. M. E. & L. Assembly - Model 400 - 1945
 11. M. E. & L. Assembly - Reports - 1944
 12. Mechanical - Alpha 1 - 1943-44
 13. Mechanical Servicing - Alpha 1-B - 1943
 14. Chemical - Beta Sampler Wash Reports - 1944
 15. Chemical - Inventories - 1944
 16. Chemical - Daily Process Chemical Reports - 1944
 17. Chemical - Daily Process Chemical Reports - 1944
 18. Chemical - Inventories - 1944
 19. Chemical - Inventories - 1944
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205 20. Chemical - Inventories - 1943

21. Chemical - Inventories - 1943
22. Sump Reports - 1943-44
23. PMR Weekly Progress - 1943
24. Miscellaneous Transfers - 1944
25. Alpha Reports - Terminations - Alpha 1B - 1944-45

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- 206 26. Terminations - Alpha II - Alpha Reports - 1944-45
- 27. PMR Weekly Progress - 1943-44
- 28. PMR Weekly Progress - 1944
- 29. Process Improvement Division Reports - General - 1944
- 30. Engineering Reports - Progress Reports - 1943-44
- 31. Engineering Reports - Weekly Progress Insp. Rpts. - 1944

TEC BOX #73

- 207 1. Process Manual - 1944, December 1
 - 208 2. On The Job Training Source Book - Production Division - 1943
 - ~~09~~ 3. Termination & Start-up Report - Alpha Weekly - 1945
 4. Water System - Alpha I - 1943-44
 5. Water System - Alpha I-B - 1943-44
 6. Water System - Alpha II - 1944-45
 7. M. Transit Time Beta Reports - 1944
 8. Process Division - Annual Progress Report - 1945
 - ~~209~~ 9. Chemical Reports - Weekly Progress - 1944
 10. XA - Crew Schedules - 1943
 11. Chemical Reports - Weekly Progress - 1944
 12. Engineering Reports - Weekly Progress Inspection Reports - 1944
 13. M. Unit Cycle (Weekly) Beta Reports - 1944
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- 210
1. 9731 XAX - Mechanical Servicing & Eng. - 1943-44
 2. 9731 XAX - Vacuum - 1943
 3. 9731 XBX - General - 1943-44
 4. "Z" - Alpha I - 1944
 5. PD-31 to PD-40 - 1945
 6. PD-41 to PD-50 - 1944
 7. PD-71 to PD-80 - 1945
 8. PD-81 to PD-90 - 1944-45
 9. PD-91 to PD-100 - 1945
 10. PD-101 to PD-110 - 1944-45
 11. PD-111 to PD-120 - 1945
 12. PD-121 - PD-130 - 1945
 13. PD-161 to PD-170 - 1945
 14. P-10024 P - P-10035 - PI - 1944
 15. PI-10056 - PI - P-10065 - P - 1945
 16. P-10066 - P - P-10075 - P - 1945
 17. P-10076 - P - P-10085-P - 1945
 18. PD-171 - PD-180 - 1945
 19. P-10086-P - P-10095 - P - 1945
 20. P-10096 - P to P-10105 - 1945
 21. P-10106 - P to P-10137 - P - 1945
 22. P-20039 - P to P-20062 - P - 1945
 23. RL-30002 - RL to P-30008 - P - 1945
 24. PI-40009 - PI - PI-40041 - P, PI - 1945
 25. P-80006 - P - P-70008 - P - 1945
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26. P-70002 - P - P-70008 - P - 1945
- 21 27. JLP-1 - 1944
28. C-50004 - P - C-50009 - P, C - 1945
29. RD-11 to RD-20 - 1944
30. R-10001 - R - R10010 - R - 1944-45
31. R-10011 - R - R10020 - R - 1944
32. R-2001 - R - R-20010 - R - 1944
33. R-20011R - R-20020 - R - 1945
34. R-40001 - R - R-4007 - R - 1944
35. R-70001 - R - R070014 - R - 1944
36. R90108 - R - 90248 - R - 1944
37. Mechanical Servicing - Alpha II - 1943-44
38. Oil System - Alpha I - 1943-45
39. Oil System - Alpha II - 1944
40. Oil Tests - Alpha I - 1944
41. Oil Tests - Alpha I-B - 1944
42. Output Estimate - Alpha II - 1944
43. Plating Facilities - 1943
44. Production & Operation - General - 1944-45
45. Production & Operation - Alpha - 1944-45
46. Progress Report - Process Division - 1944-45
47. Process Division Factors - 1945
48. Progress Reprt - Process Improvement - 1945
49. Reports - A-1.130 Alpha Experiments - 1943-44

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50. Reports - A-1.110 Process Weekly Progress - 1945
51. Reports - A-1.140 - Process Weekly Operational Summary - 1945
52. Reports - A-4.171 and 172 M.E.D. Status of Exp. 9201-3, -4, & -5 - 1945
53. Reports - A-4.260 Alpha Enhancement Tests, Prog. Report - 1945
54. Reports - A-4.270-274 Experiments in 9201-1 to -5 MED Final Reports
1945
55. Reports - D-4.132 Weekly Status of Experiments Alpha Test Group
Research Secretary - 1945
56. Process Personnel - Distribution by Building - 1944-45
57. Process Personnel - Employment Req. Summaries - 1944-45
58. Process Personnel - Hiring Curves - 1944
59. Personnel - XA - 1943
60. Personnel - XBX - 1944
61. Chemical Personnel - Distr. by Building - 1944
62. Chemical Personnel - Employment Req. Summaries - 1944
63. Chemical Personnel - Hiring Schedules - 1944
64. Chemical Personnel - Job Description - 1943
65. 2-Slug Reports - 1945
66. Process Personnel - Personnel Summaries - 1944-45
67. Process Personnel - Job Description - 1943-45
68. Process Personnel - Manpower Requirements - 1943
69. Process Personnel - Organization Charts - 1943
70. Process Personnel - Hiring Charts - 1944
71. Process Personnel - Personnel Organization - 1943-45

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- 72. Process Personnel - Absenteeism - 1944
- 73. Chemical Personnel - General - 1943-44

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1. Reports - A-1.130 Alpha Experiments - 1945
2. RunSummary - Process Division - 1945
3. Run Statistics Comparison - 1944-45

2134. Terminations - Alpha Daily - 1945
5. Terminations - Army Reports - 1945
6. Process - Personnel Summary - 1944
7. Chemical - Personnel Summary - 1944
8. Refining - Personnel Summary - 1944
9. Absenteeism - 1944
10. Employment - Miscellaneous - 1944
11. Employment - Production Division - 1944
12. Clothing - 1944
13. Lost Time Accident Summary - 1944
14. Naval Personnel - 1944
15. Organization - 1944
16. Production Personnel - 1944
17. Terminations - 1944
18. Miscellaneous Drawings & Reports - 1944-45

21419. Miscellaneous Drawings & Reports - 1944-45
20. Miscellaneous Reports - 1944

21521. Miscellaneous Drawings & Reports - 1944
22. Miscellaneous Drawings & Reports - 1944-45

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1. Alpha - Weekly Run Statistics Summary - 1944
2. Alpha - Building Production Summary (Daily) - 1945
3. Alpha - Spot Checks, Daily - All Alpha Tracks - 1945
4. Telegrams and Teletypes - 1943
5. Telegrams and Teletypes - 1944
6. Supply Work Requisition Report - 1945

216' Boston Transactions - 1943

8. Boston Transactions - 1943-44
9. Boston Transactions - 1944
10. Miscellaneous - 1944
11. Miscellaneous - 1944
12. Miscellaneous - 1944

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14. Miscellaneous - 1944
15. Personnel - Summaries - 1943-44
16. ME&L Assembly - Beta - 1943-44
17. P.I. and USED Group - Alpha II - 1944
18. Process - Chemical - 1943-44
19. Progress Report - Process Improvement - 1943-45
20. Production - Schedules - 1944
21. Process Personnel - Manpower Requirement - 1944
22. Supply - Job Status Reports (Alpha) - 1944
23. Supply - Job Status Reports (Alpha) - 1944
24. Supply - Work Progress Sheet (Mech. Shops) - 1945

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- 218 25. Supply - Work Progress Sheet Mechanical Shops - 1945
26. Supply Work Requisition Report - 1944
27. Personnel Summary Recap - 1944
28. Personnel Summary Recap - 1944
29. Personnel Summary - 1944

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1. Chemistry - Correspondence - 1943-44
2. Weekly Reports - Chemical - 1943
3. CEW - Report on Study of Assay Laboratory and Chemical Works Bldg. fm Site X op. - 1944
4. CEW - Analysis of Finished Product - 1943
5. Westinghouse Company - 1944-45
6. Estimated Chemical Requirements - 1943
7. Chemical Reports - 1944
8. CEW - Identification Codes - 1943-44
9. Chemical and Material Requirements - U.S. Engineer Office - 1943
10. CEW - U.S. Engineer Office - 1943
- 119 11. CEW - Stone & Webster - 1943
12. Training Program - 1944
13. Training Progress Reports - 1943-44
14. Transportation - 1943
15. Travel (Reservation etc.) - 1943
16. Transportation - 1944
17. District Circular Letters - 1944
18. Priority Letters - U.S. Engr. Office - 1943
19. Organization Charts - U.S. Engr. Office - 1943-44
20. U.S. Engr. Office - 1944
21. U.S. Engr. Office - 1945
22. Training History - 1944, April
23. Transfers - Inter-Department - 1943
24. U.S. Engr. Office - 1944
25. CEW - Training Program - 1943

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26. U.S. Engr. Office - 1943
27. McNalley, J. G. - 1944
28. Hull, H.L. - 1943
29. Established & Temporary - Job Evaluations - Oct. 2, 1943
30. CEW-TEC Rate Book No. 5 - 1943
31. U.S. Engr. Office - 1943
32. Job Evaluations & Rate Range - Temporary & Established - Undated
33. Burton, W.R. - 1943
34. Flanary, R.L. - 1943
35. Wage Rates - 1943-44
36. Conklin, F.R. - 1943-44
37. Hecker, John C. - 1943-44
38. Lawrence, E.O. - 1944
39. Navy Dept. - 1944
40. CEW - Bennett - Edwards - 1943
41. White, James C. - 1943-44
42. Gates, Allen B. - 1944
43. CEW - Eastman Kodak Company - 1943-44
44. CEW - M.C. Stone - 1943
45. Warren, Lee G. - 1943
46. Miscellaneous Dittoed Memos - 1944
47. CEW - Interoffice Memo - FRC - 1943
48. Alpha - Building Production Summary (Daily) - 1944-45
- 220 49. Alpha - Spot Checks, Thin Slit - 1944-45
50. Beta-Run Analyses, Average - 1944

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51. Beta-Run Analyses, Batched - 1944
 52. Beta Run Analyses, Individual - 1945-45
 53. Beta Spot Checks, Daily-All Beta Std. Tracks - 1945
 54. Beta Statistics Summary - Daily Production - 1944
 55. (Standard) Beta Weekly Run Statistics Summary - 1944
 56. Chemical - Quantitative Operations Reports - 1944
 57. Chemical - Alpha Chemical Spot Checks - 1944-45
 58. Chemical - Beta Chemical Spot Checks - 1944-45
 59. Absence Reports - Daily - 1944-45
 60. Absence Reports - Weekly - 1944-45
 61. Monthly Narrative Security Reports - CF - 1944-45
 62. Safety - 1945
 63. Housing Correspondence - 1944-45
 64. Safety - 1944
 65. Housing - 1943-44
 66. Fire Department Reports - 1944
 67. Protective Security - Daily Report of Guards - 1944
 68. Guard Department Reports - 1945
 69. Safety - 1944-45
 70. Job Assignment Questionnaires - 1944
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- 221 /1. Pers. Miscellaneous Reports - 1944
- /2. Personnel - 1944
 - /3. CEW - Personnel - 1943
 - /4. Personnel - 1943

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75. Personnel Force Reports - 1944-45
76. Personnel Requirements - 1943
77. Personnel Reports - Daily - Issued by Payroll Department - 1944-45
78. Personnel Summary - 1944-45
79. Plant Protection - 1944
80. Procedures - 1943
81. Procedures - 1944
82. Protective Security - 1944
83. Safety Measures - 1943-44
84. Stores and Receiving - 1944-45
85. Supplies - 1943-44
86. Sup. - General - 1944
87. Adm. Telephone Conversations - 1943-44
88. Telephone Facilities - 1943-44
89. Testing Program - General Utility - 1943-44
90. Training History - March 1944
91. Training History - May 1944

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1. Boston Transactions - 1943-44

222. Building Construction Progress - 1944

3. Building Construction Progress - Y-12 Area - 1943

4. Building Construction Progress Y-12 Extension - 1943-44

5. Buildings - Miscellaneous - 1944-45

6. Buildings - Y-12 Area - 1943

7. Central Administration Building - 1943

8. Building 9201 - 1944

9. Building 921-1-, 92-1-2 and 9201-3 - 1943

10. Building 9202 - 1943

11. Building 9203 - 1943

12. Building 9204 - 1943-44

13. Building 9706 - 1943

14. Building 9709 - 1943

15. Building 9733 - 1943

16. Building 9734 - 1943

17. Building 9731 - 1943

18. Building 9736 - 1943

19. Miscellaneous Plant - 1943-44

20. CEW Prints - Letters of Transmittal - 1943

21. Power System - 1944

22. CEW - Report of Review Committee on Design of Electrical Equipment - 1943

223. Special Expenditures Requirements - 1944

24. Testing and Acceptance of Equipment - 1943

25. CEW - Water Analysis - 1943

26. Water System (Distilled) - 1943-44

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27. CEW-Water System - 1943
28. Y-12 Extension - 1944
29. PI General - 1944-45
30. "T" Program - 1943-44
31. Library - 1944-45
32. Progress Reports (Weekly) - 1943-45
33. Phenomena In The J - Sept. 7, 1944
34. Research and Development - 1944
35. PI Status of Experiments - Weekly - 1944-45
36. XAX - 1943-44
37. XA - Operation REcords - 1943
38. XA General - 2943-44
39. XA Progress Reports - 1943

- 224 40. XA Progress Reports (weekly) - 1944
41. Carbon Parts - 1944
42. Critical Parts Lists - 1944
43. Cubicles - 1943
44. "D" Assembly - 1943
45. Flow Diagram for Production - 1944
46. Magnetic Shims - June 30, 1944
47. P.D. General - 1943-44
48. M. Unit Status Report - 1944
49. M and E Units - 1944
50. PD Manufacturing Experiments - 1944

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- 51. Operating Code - Temporary #1 - Bldg. 9201 - undated
- 52. Operational Reports Daily - 1944
- 53. Process - Operations and Production Statistical Summary Reports - 1944
- 54. Refining - Operations and Production Statistical Summary Reports - 1944
- 55. Production Process - 1943-45
- 56. Refining Process - 1943-44
- 57. Special Report - Test on D.C. Philips Gage Test Authorization No. R40003
September 19, 1944
- 58. Slit Cleaners - 1943

225⁵⁹. Spare Parts --1944 -- missing . . .

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1. Alpha II REcovery & Coordination - 1944-45
 2. Vacuum - 1943-44
 3. CEW - Vapor Phase Unit - 1943
 4. Absentee Reports - 1945
 5. Absentee Reports - 1944-45
 6. Accounting Manual - Industrial Property - 1943
 7. Accounting Cods - 1944
 8. Authorization for Purchase - 1943
 9. Minutes of Coordination Meeting - 1944
 10. Medical Service - 1943-45
 11. Number of Emplpyees - 1943
 12. Number of Employees in Operating Bldg. 1944
 13. Number of Employees by Divisions and by Departments - 1943-44
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14. Operating Costs - 1944
 15. ADM Organization - 1944
 16. Passes - 1944
 18. Payroll Matters - 1943-44
 19. CEW Office Equipment - 1943
 20. Progress Report -Sixth Period May 20 - June 16, 1945
 21. Monthly Progress Report - March 1945
 22. Monthly Progress Report - Fifth Period - April 22 - May 19, 1945
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23. Progress Report - Fourth Period - April 1 - April 21, 1945
 24. Progress Report - Nineth Period - August 12 - September 8, 1945
 25. Progress Report - Eighth Period -July 15 - August 11, 1945
 26. Progress Report - Tenth Period - September 9 - October 6, 1945
 27. Progress Report - Eleventh Period - October 7 - November 3, 1945
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28. Progress Report - Seventh Period - June 17 - July 14, 1945

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1. Industrial Relations - General - 1945
2. Medical Division - General - 1945
3. Office Services Department - 1945
4. Payroll (Weekly Report of Personnel by Division) - 1945
5. Payroll (Report of Salary, N.L.O., Spec. & Plant Employees - 1945
6. Personnel (General) - 1945
7. Personnel (Estimates) - 1944-45
8. Personnel (Military Pers. Procedure) - 1944-45
9. Personnel (Reduction in Force) - 1945
10. Personnel (Summary) Bi-Weekly - 1945
11. Personnel (Force Report) - 1945
12. Procurement Department - 1945
13. Production - 1945
14. General Process Theory - July 3, 1945
15. Supply Coordination Unit - 1945
16. Technical Training - 1944-45
17. Absenteeism - 1945
18. Benefits - Living Allowances - 1945
19. Benefits - Loans - 1944
20. Benefits - Separation Allowances - 1944-45
21. Benefits - Moving Employees Families and Household Goods - 1945
22. Benefits - Wage Dividend Plan - 1944-45
23. Chrysler Corporation - 1945
24. Communications - Resident Telephone - 1945
25. Contracts Stone & Webster - USED - 1944
26. Labor Relations - 1945

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27. Pioneer Engineering & Mfg. Co. - 1945
28. R Roads - CEW - 1945
29. Shut-Down of Plant - 1945
30. Westinghouse Electric Corporation - 1945
31. Miscellaneous - 1943-44
32. CEW - Banking Arrangements - 1943
33. ADM Cafeteria - 1943-44
34. Central Facilities Advisory Committee - 1944
35. CEW - Clearance Data - 1943-44
36. Clothing - 1944
37. Conferences - 1943-44

- 229 38. Contracts (Miscellaneous) - 1943-44
39. Daily Activities Report - Oak Ridge - 1943
40. Draft Deferments - 1943-44
41. Employment - 1943
42. Employment - 1944
43. Employment Lag - 1943-44
44. Employment Summaries - 1943-44
45. Fire Protection - 1943-44
46. Hires and Terminations Report - 1944
47. Equipment - 1943
48. History - Personnel - 1943-44
49. Housing - 1943
50. Injury Summary Reports (monthly) - 1944
51. Insurance - 1942

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- 52. Living Allowance - 1943-44
 - 53. Lost Time Accident - 1944
 - 54. Lost Time Reports - 1944
 - 55. Management Committee Minutes - 1944
 - 56. Man Power and Personnel DATA - 1943-44
 - 57. Monthly Progress Report - February 1945
 - 58. Monthly Progress Reort - January 1945
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- 59. Parts Catalogue for Beta "E" Unit Model SPG#4 Receiver and Mechanism with Rotation - June 1945
 - 60. Catalogue Alpha I Plates Nomenclature Parts, TEC Numbers, Catalogue Numbers April 1945
 - 61. Chemical Division Operating Manual - Department 186 - Master Copy - September 22, 1945
 - 62. Photographic Exploded Views for Beta M Unit - Model II-B - May 1945
 - 63. Corrosion and Solvent Resistance of Metals and Materials Abstract and Index August 10, 1945
 - 64. Recommendations Rejected or Under Consideration - 1943-45
 - 65. Recommendations Rejected or Under Consideration - 1944-45
 - 66. Recommendations Rejected or Under Consideration - 1944-45
 - 67. Recommendations Complied with - 1944-45
 - 68. Recommendations Complied with - 1944-45
 - 69. Recommendations Complied with - 1944-45
 - 70. Accounting - Operating Expense Statements - Engr. & Maint. and Services Div. - 1945
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- 71. Accounting (Codes) - 1944
- 72. Accounting - Operating Expenses Statements - Engr. & Maint. & Services Divs. - 1945

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- 73. Chemical Codes - 1945
- 74. Chemical - Beta Division - 1945
- 75. Chemical - Maintenance - June 29, 1945
- 76. Wage Standards (General) - 10-7-45
- 77. Employee Relations (Reduction in Personnel) - August 30, 1945
- 78. Employee Relations - Special Engineer Detachment - 1945

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1. Manpower Schedules - 1943
2. Minutes of Coordination Meeting - 1943
3. Ventilation - 1945
4. CEW - Minutes of Coordination Meeting - 1943
5. W Water - 1945
6. Photographs - 1944
7. Oak Ridge Recreation and Welfare Assoc. - 1944
8. Oak Ridge R&W Assoc. Audit Report #2 - 1944
9. Eng. & Maintenance Division - 1945
10. Eng. & Maintenance USED Miscellaneous Correspondence - 1945
11. Engr. Buildings - Code Nos. - 1945
12. Bldgs. 9201-1-2, 3, 4, & 5 - 1945
13. Bldg. 9201-5 Track - AB-8 - 1945

- 232 14. Electrical (Equipment) - 1945
15. P Power (Electrical) - 1945
16. Bldg. 9201-5 Track AB-9 - 1945
17. Bldg. 9202 Chem. Bldg. A - 1945
18. Bldg. 9204-4 Beta Process - 1945
19. Bldg. 9206 No. 2 Process Chem. Bldg. - 1945
20. Bldg. 9207 - 1945
21. 9211 - 1945
22. Bldgs. 9212 Final Product Bldg. - 1945
23. Bldg. 9602-1 & 2, Roads, Walks, Bridges, and Culverts - 1945
24. Bldgs. 9603-1 and 2, Fence & Guard Towers - 1945
25. Bldgs. 9701, 2, and 3 Exam N, E, & W - 1945
26. Eng. Bldgs. 7704-1 and 2 - 1945

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27. Eng. Bldg. 9711-1, 2, 3, 4, 5, and 6 - 1945
28. 9727 - 1945
29. Eng. Bldg. 9737 Electrical Maint. Shop - 1945
30. Buildings Midway Warehouse - 1945
31. Buldings (Misc.) - 1945
32. Eng. Conversions - 1945
33. Eng. Unit Design - 1945
34. Engineering Drawings - 1945
35. E-5 Engineering Dept. - 1944
36. Eng. SER's Memo - 1945
37. Eng. SER's USED Correspondence - 1945
38. Manual of Reproduction Plants Work - 1945
39. Operating Procedures Steam & Cooling Department - Undated
40. General Utilities Dept. - 1945
41. Services Div. - General - 1944-45
42. Cafeteria (Profit & Loss St.) - 1945
43. Laundry - 1945
44. Plant Protection - 1945
45. Plant Protection Classified Material and Documents - 1944-45
46. Plant Protection (Communication Systems) - 1945
47. Plant Protection Emergency Plan - 1945
48. Plant Protection - Fire Department - 1944-45
49. Plant Protection (Gen.) - 1944
50. Plant Protection Pass & Badge - 1945
51. Plant Protection Guard Dept. - 1945

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52. Plant Protection - Restricted Areas - 1945
53. Plant Protection - Security - 1945
54. Plant Protection - Security Recommendation - 1945
55. Plant Protection - The Automobile Symbols - 1945
56. Plant Protection - Visitors - 1945
57. Plant Security - 1945
58. Emergency Plan - July 3, 1945
59. Emergency Plan - July 3, 1945
60. Emergency Plan - August 22, 1945
- 233 61. Emergency Procedure - Alpha Process Div. - August 22, 1945
62. Safety Dept. (General) - 1945
63. Safety Dept. (general) - 1945
64. Safety Dept. Monthly Reports - 1945
65. Safety Letters to U.S.E.D. - 1945
66. Absentism - 1944
67. Accounting Correspondence - 1944
68. Administration - General - 1945
69. Benefits Living Allowance - 1944
70. B-7 Benefits Military Leave - 1943
71. Benefits (Vacation) - 1944
72. Minutes Central Facilities Advisory Committee - 1944
73. Consultants Welch RC - 1944
74. Employment Relations Replacement Schedule Deferments - 1943-44
75. Employee Relations (Suggestion Systems) - 1944

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76. I-1 Industrial Relations - 1944
77. I-2 Insurance - 1943
78. I-5 Inventions - 1944
79. Medical Division - 1944
80. Medical Division - 1944
81. O-8 Organization Charts - 1943-44
82. Organization Supervision - 1944
83. Payroll Department - 1944
84. Personnel - 1944-45
85. Personnel - 1944
86. Personnel - 1943-44
87. Personnel (Payroll Estimate) - 1943-45
88. P-17 Personnel Terminations - 1944-45
89. Personnel Clearance - 1944
90. Personnel (Military) - 1944
91. Personnel (Scientific Research Personnel Roster) - 1943-45
92. Personnel (Transfer within Organization) - 1944
93. Personnel (Transfers from TEC, HOW & ER Co.) - 1943
94. Personnel (Graphs & Charts) - 1944
95. P-12 Personnel Forms - 1944
96. Testing (Personnel) - 1944
97. Testing & Placement (Personnel) Dr. Bennett's Report - June 7, 1944
98. Process Improvement Division - 1944
99. P-34 Procurement Department - 1943
100. P-56 Production Division - 1943-44

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101. P Production - Approval to Operate Production Units - 1943-44
 102. Refining Division - 1944
 103. S-6 Stores & Receiving Department - 1943
 104. Supply Division - 1944
 105. Training (Technical) - 1944
 106. Training (Technical) - 1944
 107. Training - Technical - 1944
 108. Training - Technical - 1943-44
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109. U-1 Unions - 1944
 110. U-3 U.S Engineers (Circular Letters) - 1944
 111. U-4 U.S. Engineers (Contractng Officers) - 1943
 112. Wage Standards Correspondence - 1944
 113. Wage Standards Correspondence - 1944
 114. Wage Standards Correspondence - 1944
 115. The Continuous Extraction of Beta Gunk with Dibutyl Cellsolve, Dibutyl Carbitol, and Diethyl Cellosolve - January 20, 1945
 116. CD Reports 500-525 - 1944-45
 117. Personnel - 1944
 118. CD Reports 4/5-500 - 1944-45
 119. AC Reports - 1943
 120. CD Reports 0-100 - 1944
 121. CD Reports 300-400 - 1944-45

1. XL 51.6 Reports - 1944-45
2. XL 51.5 Reports 21-30 - 1945
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4. XL 51.5 Reports 1-10 - 1944
 5. XL 50.6 Reports 1-10 - 1945
 6. XL 20.5 Reports - 1944-45
 7. XL 8.6 Reports - 1944-45
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 9. XL 4.9 Reports - 1945
 10. PPI Reports - 1945
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15. CD - PPO Reports - 1945
 16. CD - GS Reports - 1944-45
 17. CD Reports 400-425 - 1944
 18. CD Reports 425-450 - 1944
 19. CD Reports 450-475 - 1944
 20. CD Reports 525-550 - 1945
 21. CD Reports 550-575 - 1945
 22. CD Reports 575-600 - 1945
 23. CD Reports 1000-2000 - 1944
 24. CD Reports 2000-3000 - 1945
 25. CD Reports 4000-4100 - 1945
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26. CD Reporst - 4100-4200 - 1945
 27. CD Reporst 5000-6000 - 1945
 28. CD - F Reports - 1945
 29. CDC Reports - 1945
 30. CD - Chem S Reports - 1944-45
 31. CD - Beta S Reports - 1944

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1. Process Manual Alpha I - August 22, 1945

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2. 14.7 Management Injury Reports and Safety Measures - 1944-45
 3. 13.12 Personnel - Appointments - 1944
 4. 13.14 Personnel Overtime - 1945
 5. 13.17 Personnel Arrangements for Visits - 1944-45
 6. 13.18 Personnel Entertainment and Clubs - Undated
 7. 13.19 Personnel Merti Rating - 1944
 8. 13.21 Personnel Transportation - 1944
 9. 14.1 Management General Operating Plans - 1943-44
 10. 14.2 Management Procedures - 1944-45
 11. 14.3 Management Meetings - 1944-45
 12. 14.5 Management Visits and Visitors - 1944-45
 13. 14.6 Management - Disaster Plan - 1944-45
 14. 14.7 Management Injury Reports and Safety Measures - 1945
 15. XI 53.7 Reports - 1944
 16. Miscellaneous Technical Reports - 1943-45
 17. 12.1 Visitor Permit Lists - 1944-45
 18. 12.2 Foreign Visitors - 1944
 19. 12.3 Pass Requests - 1944-45
 20. 13.2 Personnel Requirements - 1944-45
 21. 13.3 Personnel Miscellaneous Statistics - 1945
 22. 13.4 Personnel Draft - 1944
 23. 13.6 Personnel Transfers to and from Site - 1944
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 25. 13.8 Personnel Job Classifications - 1944-45
 26. 13.9 Personnel Application Correspondence - 1944

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27. Receipt for Classified Material - 1944-45
28. 14.9 Management Training Program - 1944
29. 14.11 Management Cost Program - 1945
30. 15.1 Miscellaneous Telegrams & Teletypes - Un - 1944
31. 15.3 Miscellaneous Information - 1944-45
32. 15.6 Miscellaneous Organization Charts - 1943-45
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33. 15.5 Miscellaneous Office Equipment & Misc. Office Records - 1945
34. XL 53.6 Reports - 1944-45
35. XL 54.6 Reports - 1944
36. XL 53.5 Reports 41-50 - 1945
37. XL 53.5 Reports 51-60 - 1945
38. XL 53.5 Reports 21-30 - 1945
39. XL 53.5 Reports 31-40 - 1945
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40. XL 52.5 Reports - 1944
41. XL 52.6 Reports - 1944-45
42. XL 53.6 Reports 1-10 - 1944
43. XL 53.5 Reports 11-20 - 1944-45

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1. Dr. McNally's Files - April 6, 1944
 2. Scientific Research and Development Personnel Manhattan District - 1945
 3. 13.1 Personnel - 1944-45
 4. 12.5 Security Procedures - 1941-45
 5. Assay Results - A.T. - 1945
 6. Assay Results - K-25 - 1945
 7. Assay Results - S-50 - 1945
 8. Bottling Reports - 1944-45
 9. 931-C X Concentrator - 1945
 10. Production Division Monthly Report - 1945
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11. Monthly Salvage Report - 1945
 12. Monthly Salvage Report - 1944
 13. Quantitative Operations Report - 1945
 14. Department 195 Monthly Progress Report - 1944
 15. Quantitative Operations Report - 1944-45
 16. Summary of 935 Receipts - 1945
 17. Chemical Division Monthly Report - 1945
 18. Department 195 Monthly Progress Report - 1945
 19. Department 195 Monthly Progress Report - 1945
 20. Department 192 Monthly Progress Report - 1945
 21. Personnel Force Report - 1945
 22. Operating Personnel Working - 1945
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23. Personnel Summary - 1944-45
 24. Absenteeism - 1944
 25. Employment Requisition Reports - 1944-4
 26. Process Division Personnel Summary - 1945

27. Terminations and Termination Summaries - 1944-45
28. USED-PI Personnel Assigned to Alpha-II - 1945
29. Process Improvement Division Deta Progress Report D-4.410 - 1945
30. Process Improvement Division Progress Report - 1945
31. Process Division Daily Termination Report - 1945
32. Process Division Factors - 1945
33. Process Division Weekly Progress Report - 1945
34. Process Division Inventory of Units - 1945
35. Process Division Weekly Progress Report - 1945
36. Reports Received in Technical Library Chemistry - 1945
37. Reports Received in Technical Library Physics - 1945
38. Experiments and Test Reports Bldg. 9731 - D-4.130 - 1945
39. Experiments and Tests Reports PI-Beta Test Group - D-4.131 - 1945
40. Experiments and Tests Reports PI Alpha Test Group D-4.132 - 1945
41. Experiments and Tests Reports - Special Projects - D-4.133 - 1945
42. TEC Memoranda - 1945
43. Procedures in Boston Office - 1944

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45. S.S.R. Alpha - 1944
46. S.S.R. Beta - 1944
47. B-CSC - 1944-45
48. CSC - 1944-45
49. Process Division Weekly Status Sheets - 1944
50. PD - Stock Authorization Card Status - 1945
51. TCR Reports - 1944
52. CD - Status of RO-Batches - 1944
54. ~~CD~~-spStandard Change Locations - 1944

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1. 1.1.1 Alpha Chemistry - Construction General - 1943-44
2. 1.2.1 Alpha Chemistry - Operation General - 1945
3. 1.2.1 Alpha Chemistry - Operation General - 1944
4. 1.2.1 Alpha Chemistry - Operation General - 1943
5. 1.2.2 Alpha Chemistry - Construction Procurement - 1944-45

- 2 4/5 6. Catalog Alpha II Plates - \$15 - 1945
7. 1.1.2 Alpha Chemistry Construction 9207 - 1944-45
8. 1.1.1 Alpha Chemistry - Construction General - 1945
9. 2.1.1 Beta Chemistry - Construction General - 1944-45
10. 2.1.2 Beta Chemistry - Construction 9206 - 1944-45
11. 2.1.3 Beta Chemistry - Construction Larson Process - 1944-45
12. 2.1.4 Beta Chemistry - Construction 9212 - 1945
13. 2.2.2 Beta Chemistry - Operation Final Report - 1944-45
14. 2.2.1 Beta Chemistry - Operation General - 1944
15. 2.2.1 Beta Chemistry - Operation Generals - 1945
16. 3.1.1 Chemical Analysis - Construction General - 1944-45
17. 3.2.1 Chemical Analysis - Operation General - 1944-45
18. 3.2.2 Chemical Analysis - Operation Mass Spectrographs - 1944-45
19. 4.1.1 Chemical Development - Construction General - 1944

- 2 4/5 20. 4.2.1 Chemical Development - Operation General - 1945
21. 4.2.1 Chemical Development - Operation General - 1944
22. 3.2.3 Chemical Analysis - Operation Samples Shipped - 1944-45
23. 5.1.1 Alpha Process - Construction General - 1945
24. 5.1.1 Alpha Process - Construction General - 1943-44
25. 5.1.2 Alpha Process - Construction Liners - 1944-45
26. 5.2.1 Alpha Process - Operation General - 1944

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27. 5.2.1 Alpha Process - Operation General - 1945
 28. 5.2.1 Alpha Process - Operation General - 1945
 29. 6.2.1 Beta Process - 1944
 30. 9.5 Misc. Construction Etc. Critical Parts - 1944
 31. 9.10 Misc. Construction etc. Carbons - 1945
 32. 9.11 Misc. Construction, etc. Bocchenter Pilot Plant - 1944
 33. 9.12 Misc. Constructon etc. Procurement Correspondence not Suited for Open Division Files - 1944-45
 34. 11.4 Data Mailing Lists - 1944-45
 35. 11.3 Access to Producton Figures - 1944-45
 36. 11.1 Record Keeping - 1944-45

 - 240 37. 11.2 Report Correspondence - 1944-45
 38. Operating Expense Statement - 1944
 39. Operating Expense Statement - 1944-45
 40. Dr. McNalley's Top Secret Documents - 1944-45
 41. Inventory of Uranium and Historical Summary - 1947
 42. Producton Forecast - 1944-45
 43. Alpha Physical Inventory - 1945
 44. Production Characteristics of Y-12 Beta Plant - 1945
 45. Process Improvement Division Technical Report D-4.250.14 - 1945
 46. Departmental Listings Telephone Directories - 1944-47
 47. Operating Expense Statement - 1945
 48. Miscellaneous - 1945
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1. CD-DPCR - 1944
 2. A-1 DROS - 1945
 3. A-1 DOD - 1943
 4. A-1 PD-DROS - 1944
 5. A-1 DRSS - 1944
 6. A-1 WROS - 1944
 7. A-1 WRSS - 1944
 8. A-2 DROS - 1944
 9. A-2 DOD - 1944
 10. A-2 PD-DROS - 1944
 11. B-1 SDROS - 1944
 12. A-2 DRSS - 1944
 13. A-2 WROS - 1944

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14. A-3 DROS - 1944
 15. A-3 DRSS - 1944
 16. A-2 WRSS - 1944
 17. A-3 WROS Weekly Run Outage Summary - 1944
 18. A-3 WRSS - 1944
 19. A-4 DROS - 1944
 20. A-4 DRSS - 1944
 21. B-1 WRS - 1944
 22. B-2 DRS - 1944
 23. B-2 BROS - 1944
 24. B-2 DRSS - 1944
 25. B-2 WROS - 1944
 26. B-2 WRS - 1944

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27. A 3&4 SCR (Obsolete) - 1944

28. A 1&2 SCR (Obsolete) - 1944

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30. A-6 WRSS - 1944

31. A-7 DRSS - 1944

32. WRSS A-7 - 1944

33. WROS A-7 - 1944

34. A-8 DRSS - 1944

35. A-8 WRSS - 1944

36. A-8 WROS - 1944

37. A-9 DRSS - 1944

38. Beta Average Run Analysis - 1944

39. A-9 WRSS - 1944

40. B-1 DRSS - 1944

41. B-1 DRS - 1944

42. B-1 WROS - 1944

43. B-1 WRSS - 1944

44. A-4 WROS - 1944

45. A-5 DRSS - 1944

46. A-4 WRSS - 1944

47. A-5 WROS - 1944

48. A-5 WRSS - 1944

49. A-6 DRSS - 1944

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1. A-5 SCR (Obsolete) - 1944
 2. A 6&7 SCR (Obsolete) - 1944
 3. A8 SCR (Obsolete) - 1944
 4. B1&2 SCR - 1944
 5. B3&4 SCR - 1944
 6. Beta Spot Check Report 5&6 - 1944
 7. DPAS-CDME - 1944
 8. Daily Absences (Obsolete) - 1944
 9. DTR (Obsolete) - 1944
 10. PD-ST - 1944
 11. Unfiled - 1944

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12. RTS - 1944
 13. Manufacturing Experiments Department Monthly Report - 1944-45
 14. Experiment and Equipment Change Procedures - 1944-45
 15. Manufacturing Experiments Status of Experiments In Process Bldgs. - 1945
 16. Manufacturing Experiments Reports on 1/3 Reduced Geometry - 1945
 17. Manufacturing Experiments Report on Special Tsts - 1944-45
 18. Process Division - Approval Sheets 101-200 - 1945
 19. Process Division - Approval Shets 1-100 - 1945
 20. C-50001 - 59999 Manufacturing Experiments - 1944-45
 21. P-10001 through P-10100 Manufacturing Experiments - 1944-45

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22. P-20001 - 29999 - Manufacturing Experiments - 1944-45
 23. P-10101 through P-10200 Manufacturing Experiments - 1945
 24. P-30001 - 39999 Manufacturing Experiments 1943-44
 25. P-40001 - 49999 Manufacturing Experiments - 1944-45

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- 26. P-50001 - 59999 Manufacturing Experiments - 1944
- 27. P-70001 - 79999 Manufacturing Experiments - 1944-45
- 28. P-80001 - 89999 Manufacturing Experiments - 1944-45

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1. R-10001 - 19999 Manufacturing Experiments - 1944-45
 2. R-20001 - 29999 Manufacturing Experiments - 1944-45
 3. R-30001 - 39999 Manufacturing Experiments - 1945
 4. R-40001 - 49999 Manufacturing Experiments - 1944
 5. R-70001 - 79999 Manufacturing Experiments - 1944-45
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6. RL Manufacturing Experiments - 1945
 7. Miscellaneous - 1945
 8. John W. Morfitt - Data - 1943-44
 9. Production Curves - 1945
 10. Emergency Plan - July 3, 1945
 11. Emergency Plan - July 3, 1945
 12. Procedure for Preventing the Use of Unsafe Tools and Equipment In the Alpha Process Division - June 1, 1945
 13. Drawings - 1945
 14. Job Break-Down Sheets for Training Man on New Job - October 25, 1944
 15. Codes - Undated
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16. Standard Analytical Methods - April 14, 1945
 17. Catalogue Alpha 1 Plates Nomenclature Parts, TEC Numbers Catalogue Numbers April 26, 1945
 18. Codes - Undated
 19. Emergency Procedure - August 24, 1945
 20. Chemical Division Organization - 1943
 21. Alpha High Voltage Inoulator Picture Catalogue - Dr. J. G. McNalley 9704-1 - June 29, 1945
 22. The Flash Protection Shutter for Aircraft Binoculars Final Report to Sec. 16.2 NDRC Contract OEMSR-707 - September 23, 1943
 23. Operating Procedure - Dept. 180 - October 27, 1944
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24. A Procedure Regulating the Handling of Suggestions in the Alpha Process Departments - April 26, 1945 and Miscellaneous Reports - 1945

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25. Personnel and Job Descriptions - 1943
 26. Chemical Stores Catalog - July 15, 1945
 27. Emergency Plan - August 1945
 28. Manual of Reproduction Plant Work - 1945
 29. Process Manual Alpha I - August 22, 1945
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250. Reports Received in Technical Library Combined Chemistry and Physics
1944-45

2. A.P.I. II - Alpha II Physical Inventory - 1945
3. 1-6 Bet Spot Check Report - 1945
4. PD Ur Cycle Report - 1944
5. Bet apts - 1944-46
6. Monthly Pilot Plant Summary - 1944
7. 820 Received - 1944-45
8. Chemical Division Monthly Report - 1944
9. Beta Spot Check Report - 1945
10. Miscellaneous - 1944-45
11. Alpha Spot Check Report - 1944-45

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12. Miscellaneous - 1944
 13. RD Daily Production Statistics Summary - 1944
 14. Rd - WROS - 1944
 15. Drawings - 1945
 16. Alpha Spot Check - 1945

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17. P.S.C. - Process Sampler Concentrate Transfer Report - 1945
 18. Sulfate - 1944
 19. CD - Refining Oxide Department Analysis of Operations - 1945
 20. A.C.P. - Weekly Alpha Chemical production Record - 1945
 21. B-6.460 1-25 - 1945
 22. C-0.350 1-25 - 1945
 23. C-0.360 1-25 - 1945
 24. C-1.320 1-25 - 1945
 25. C-1.350 1-25 - 1945

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26. C-1.360 1-25 - 1945

27. C-1.370 1-25 - 1945

28. C-1.365 1-25 - 1945

29. C-1.375 1-25 - 1945

30. C-2.320 1-25 - 1945

31. C-2.350 1-25 - 1945

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32. C-3.210 1-25 - 1945

33. C-2.375 1-25 - 1945

34. C-3.300 1-25 - 1945

35. C-3.320 1-25 - 1945

36. C-3.350 1-25 - 1945

37. C-3.360 1-25 - 1945

38. C-3.375 1-25 - 1945

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1. D-4.133 1-25 - 1945
2. D-4.200 1-25 - 1945
3. D-4.430 1-25 - 1945
4. D-4.400 1-25 - 1945
5. Fire Alarm Reports - 1945
6. Berkeley - Weekly Reports - 1944
7. 1944 - Adm. - Advisory Committee - 1944
8. MCN Estimates (Preliminary) - 1943
9. OPR. - Berkeley Office - 1943-44
10. C-3.381 1-25 - 1945
11. C-3.385 1-25 - 1945
12. C-4.360 1-25 - 1945
13. Job Description - July 1943
14. C-5.340 1-25 - 1945
15. C-5.350 1-25 - 1945
16. C-5.355 1-25 - 1945
17. C-5.385 1-25 - 1945
18. ~~D-3.250 1-25 - 1945~~
- 259 19. D-4.100 1-25 - 1945
20. D-4.131 1-25 - 1945
21. D-4.130 1-25 - 1945
22. D-4.132 1-25 - 1945
23. D-4.300 1-25 - 1945
24. D-4.250 1-25 - 1945
25. D-4.470 1-25 - 1945
26. D-4.465 1-25 - 1945

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27. D-4.440 1-25 - 1945
28. D-4.480 1-25 - 1945
29. D-7.400 1-25 - 1945
30. Experiments and Test Reports Building 9731 - 1945
31. Experiments and Tests Reports Special Projects - 1945
32. Experiments and Test Reports Weekly Status of Experiments in Refining 1944-45
33. Experiments and Tests Reports Process Division - 1945
34. Chemical Inventory CI-10 to CI-18 - 1944
35. Chemical Inventory CI-0 to CI-4 - 1943
36. Operation Log - Chemical 739 - 1944
37. Larson Process Installation Progress Notes - 1945
38. PD Thin Slit Spot Check - 1945
39. National Defense Research Committee Reports, Etc. - Undated
40. Special Assay Summary - 1944
41. Total Production Spot Check Time - 1944

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2. Beta Holdup and Corrosion Report - August 7, 1945
 43. Process Improvement Division Technical Report D-4.250.12 - August 8, 1945
 44. CD Meetings - 1944
 45. Experiments and Tests Reports Process Division - 1944-45
 46. Chemical Inventory CI-5 to CI-9 - 1943
 47. CD Residues - 1944
 48. U.S.E.D. - P.I. Operations Group Status Report - 1944
 49. CD - Department 192 Weekly Progress Report - 1944
 50. CD - Monthly Progress Report - Department 180 - 1943

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51. Chemical 820 Received - 1945
52. CD - Department 190 Monthly Progress Report - 1944
53. Chemical 920 Received - 1945
54. Chemical Conferences - 1944
55. Process Improvement Division Weekly Progress Report - 1944-45

- 261 56. Process Division Carbons - 1945
57. Process Division Weekly Progress Report - 1944-45
58. Process Division Alpha II - Track 5 Coordination Meeting - 1944-45
59. Process Division Weekly Meeting Reports - 1944
60. Process Division Alpha II - Recovery Meeting - 1944-48

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1. XA Coordination Meetings Minutes - 1943
2. Conferences and Meetings, Miscellaneous - 1943
3. Chicago Conferences - 1943
4. Adm. - Berkeley Office - 1943
5. Meeting - Chicago - 1943
6. Conferences and Meetings, Miscellaneous - 1943-44

- 262 7. Coordination Meeting Minutes - 1943-44
8. XA Coordination Meetings Minutes -
9. Weekly Reports from Berkeley Office - 1943-44
10. Payroll Activities - 1945
11. Adm. - Employment - 1944
12. Adm. - Overtime - 1943
13. 700 - Employee Notices - 1944
14. R. Adm. Daily Personnel Report - 1943-44
15. Personnel - Clerical Employees Survey - 1944-45
16. Chemical Division Personnel - 1944
17. Adm. - Clearances - 1944
18. Adm. - Appointment of Personnel - 1944
19. Adm. - Absences - 1944

20. Payroll - Overtime - 1945

- 263 21. Reading File of F.R. Conklin - 1943
22. XA Coordination Meetings Minutes - 1943
23. Photographs - 1946
24. Photographs - 1944
25. Photographs - 1944
26. Adm. - Insurance - 1944

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27. 700 - Insurance - 1943
28. Adm. - Telegrams - 1943-44
29. Telegrams, Teletypes, Authorizaton - 1943
30. Telephone Conversation - 700 - 1943
31. Telephone Conversation - 700 - 1944
32. Adm. Contracts - 1943
33. R. Adm. - Statement of Expenditures - 1944
34. 700 - Reports - 1943
35. Adm. Organization Charts - 1943-44
36. Adm. Supervision - 1944
37. 700 - Cost Estimate - 1943-44
38. Adm. - Department Numbers - 1944
39. R. Adm. Status of Advance - 1944
40. Adm. - War Bonds - 1944
41. Adm. - Travel - 1943
42. Payroll - Work Schedule - 1945
43. 700 - Living Allowances - 1943
44. 700 - Living Allowances - 1944
45. 700 - Adm. - Housing - 1944
46. Adm. - Housing - 1943
- 269 47. Adm. - Payroll Activities - 1943-44
48. Shift Schedule - XAX Personnel, Process - 1943
49. Adm - Deferments - 1943-44
50. Adm. - Dormitories - 1944

51. R. Adm. - Summary of Hours Worked - 1943
52. Adm. - Stores and Receiving Department - 1943
53. Supplies Division - 1945
54. Adm. - Clothing (Stores and Rec.) - 1944
55. Supply Control - General - 1945
56. Adm. - Freight - 1943
57. Opr. - XA - 1943
58. Opr - XA - 1944
59. 175 - Special UCRL - 1943
60. 700 - Classification of Reports - 1943
61. 700 - Legal Matters - 1943
62. Management - 1944
63. Opr. - Meeting Records - 1943
64. XA Coordination Meetings Minutes - 1943
65. XA Coordinaton Meetings Minutes - 1943
66. R.100 - Process Division Weekly Abstracts XAX 9731 - 1943
67. XA Coordination Meetings Minutes - 1943
68. Loses, Bank Accounts, Etc. TEC - 1943
69. 700 - History of Project - 1943-44
70. 175 - Materials and Supplies - 1943-44

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1. Personnel Report, Process Divison Caley (Charts) 1943-44
2. Adm. - Special Engineer Detachment - 1943-44
3. Personnel Report - Process Div. Caley - 1943-44
- 205 4. Production Personnel Activities - 1944
5. Adm. Radiation Lab. Personnel (Site and Other) - 1943-44
6. Production Divisions Personnel Employment - 1943-44
7. R. Adm. Personnel Report by Periods - 1943
8. Personnel - 1943
9. Adm. Employment - 1943
10. R. Adm. - Employment Summary - 1943
11. Adm. - Training - 1943
12. Adm. - Training - 1943
13. Opr. - Used Personnel - 1945
14. Adm. - Terminations and Resignations - 1943-44
15. Personnel Terminations - 1944-45
16. R. Adm. - Personnel Report by Periods - 1944
17. Process Improvements Personnel - 1943-44
18. Adm. Personnel In Operating Bldg. - 1944
19. Adm. - Personnel - 1943-45
20. Personnel - Navy Personnel - 1945
- 206 21. Personnel - 1945
22. Adm. - Training - 1943
23. Training Hisotry - 1944
24. Training History - 1944
25. Training History - 1944
26. Adm. - Training - 1945

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27. R. Adm. - Employees by Divisions and Departments - 1943
28. Engineering Division Personnel Employment - 1944
29. Adm. Janitors - 1944
30. R. Adm. - Employees by Divisions and Departments - 1944
31. Opr. - Labor Estimate - 1944
32. Manpower Schedules - Sept. 9, 1943
33. Catalog Alpha II Plates Nomenclature Parts, TEC Numbers Catalog Numbers
July 27, 1945
34. Opr. - Job Descriptions - Undated
35. Adm. - Salary Approach - 1943
36. Adm. - Gen. Electric - 1943
37. Orlemann, E.G. Dr. - 1944
38. Ashcraft, Dr. E. B. - 1944
39. Adm. - Job Categories - 1944
40. Adm. - Job Descriptions - 1943
41. Adm. Salary Roll - 1943-44
42. Adm. Wage Standards - 1943
43. Wage Standards - 1944-45
44. Job Evaluations and Rate Range Temporary and Established - Undated
45. Adm. Wage Rates - 1943-44
46. Job Evaluations and Rate Ranges Temporary and Established Effective
June 27, 1945
47. Vestibule Training for Control Operators - 1944
- 267 48. Pacific Electric Company - 1943-44
49. Spedding, Dr. F. H. - 1944
50. Adm. Westinghouse - 1944

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51. Adm. Stone & Webster Site and Other - 1944
52. Adm. Training Material - 1944
53. Medical Survey - TEC - Division Y and the Radiation Laboratory, University of California - March - June, 1943
54. Adm. Medical Injuries - 1944
55. Adm. - Medical Examinations, Lab Tests, Safeguards - 1943-44
56. Procurement - 1945
57. Adm. Priorities - 1944
58. Miscellaneous - 1944
59. Adm. Procurement - 1944
60. Job Evaluations and Rate Ranges Temporary and Established - 1944-45
61. Produc. - Alpha and Beta Operation Graphs - 1944

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1. Process Alpha - 1945
 2. Opr. - Alpha - 1943-44
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3. R.100 - Daily Progress Report - Production - 9201-1 - 1943
 4. Figures and Data, Nomenclature - Production - 1943-44
 5. Process - Alpha Liners - 1945
 6. Alpha II Master Manual - 1944
 7. Process Factors - Process Division - 1945
 8. Manufacturing Equipment - 1943-45
 9. Process Manual Alpha I, Alpha 1/5 and Alpha II - December 1, 1944
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10. Alpha II "M" Unit Servicing Manual Bldg. 9201-4 - 1944
 11. Alpha II Training Manual - July 1944
 12. Process Manual Alpha I - August 22, 1945
 13. Process Production Procedures and Responsibilities - January 1944
 14. Production Procedures - December 4, 1943
 15. Emergency Procedure - 1945
 16. AIB Operation Procedures - 1944
 17. AIB Operation Procedures - 1944
 18. Alpha high Voltage Insulator Picture Catalogue - Dr. F. R. Conklin 9704-1
June 30, 1945
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19. Catalogue Alpha I Plates Nomenclature Parts, TEC, Numbers, Catalogue
Numbers - April 26, 1945
 20. Cubicle Operation - 1943-44
 21. Alpha I Parts Catalogue - 1944
 22. Map Area (CEW) - Undated
 23. Map - Knoxville Area - 1943
 24. Refining Division Special Report Test on D.C. Philips Gage Test
Authorization No. R40003 - 1944

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25. Opr. - Ion Gauge - 1943-44
26. P.I. General - 1945-46
27. Report on Alpha I Conversion AI-4B Test Run and Estimates - May 5, 1945
28. Report of Improvements Made on Equipment for Alpha and Beta Process and for Alpha and Beta Chemical - 1945-46
29. Opr. - Alpha - 1943
30. Opr. - Alpha II - 1943-44
31. Opr. - Cubicles (Training) - 1943-44
32. Opr. - "D" Assemblies - 1943-44
33. Opr. XBX - 1943-44
34. Servicing - 1943-44
- 27/ 35. Opr. XAX - 1943
36. XAX Developments - Process Improvement - 1943-44
37. Production - Alpha Shut-down - 1945

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1. R.100 - Production Process Data Record Forms - 1943
 2. R.175 - Production Process - 1943
 3. OPR. Termination Analysis Mechanical Division - 1943-44
 4. Opr. - Track A-1 - 1943-44
 5. Conditions of Racetract - 1943
 6. Opr. Track "A" - 1943
 7. R.100 - Operation Tank Records (Tanks 1&2) - 1943
 8. Reports of Meeting on Beta Chemistry - 1943
 9. Opr. Testing Procedures - 1943-44
 10. 175 - Assay - 1944
 11. Alpha Chemistry - 1945
 12. Chemical Enhanced Feed - 1944-45
 13. R.175 Chemical Assays - 1943
 14. R.100 Production Division Statistical Summary, Operations, Production
1944
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15. Opr. Request for Change - 1943-44
 16. Production - Conversion - 1945
 17. Opr. - Request for Test - 1944
 18. Production - Reworking of Parts -1945
 19. Production General - 1945-46
 20. Opr. - Tube Requirements - 1943
 21. Opr. - Sump Research Group - 1943
 22. Opr. - Beta - 1943
 23. 175 - Carbon - 1944
 24. Opr. - Equipment Cubicles - 1943
 25. Production Leak Detectors - 1945

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26. Leak Detector - 1944
27. 175 - Liquid Nitrogen #714 - 1943
28. Opr. Magnetic Shims - 1944
29. Magnetic Shims - June 30, 1944
30. Opr. - Magnets - 1943-44
31. Production - Operation Dates - 1945
32. Producton - Operations Dates - 1943-44
33. Opr. - Operation Development - 1944
34. Opr. - Pirani Gauges - 1943-44
35. R.100 Program Report XAX - Feldman - 1943
36. A Theoretical Study of Project plant Production for the U-12 Project - 1944
37. R.175 Monthly Chemical Inventory - 1943-44
38. Committee Review Reports - 1943-44
39. 175 - General - 1943

- 23 40. 175 - Phosgene Gas - 1943
41. 175 - Radium - 1943
42. Specificaton for Product - 1944
44. Opr. Spectograph and Spectrometer - 1944
45. 175 - Carbon - 1943
46. Opr. Completion Schedules - 1943-44
47. Opr. Cyclone Sump - 1944
48. Opr. Cyclone Sump - 1944
49. Opr. Beta "M" Redesign - 1943-44
50. Opr. - Tack A-2 - 1943-44
51. Opr. Racetrack 5 - 1943

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52. R.100 Vacuum System - Ion Gauges Caley - 1943
53. Opr. - Wilson Seals - 1943-44
54. R.175 Weekly Chemical Inventory - 1944
55. Opr. - Beta - 1944
- 274 56. Beta Shutdown - 1944
57. Accounting Advance Status
58. Stores Excess Material - 1946
59. Stores - Stores Receipts and Issue Statements - 1945-47
60. Payroll - Overtime - 1945-46
61. Administration Manhattan Editorial Committee Tele. Report - 1946
62. Administration Organization - 1944-46
63. Comptroller R. L. Flanagan - 1946
64. Comptroller Insurance - 1946
65. Comptroller Status of Terminated Purchase Orders - 1946
66. Comptroller Wage Divident - 1944-45
67. Accounting Cost Sheet Correspondence - 1944-46
68. Accounting General - 1945
69. Accounting Expenditure Statements - 1944-47
70. Payroll Overtime - 1947

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1. Personnel - Number of Personnel by Division - 1945-47
2. Stores Warehouse - 1946
3. Employee Relations Deferments - 1945-46
4. Employee Relations - 1943-45
5. Employee Relations Housing - 1945
6. Employee Relations Separation Allowance - 1944-45
7. Employee Relations Travel and Moving Expense - 1945
8. Employee Relations Veterans Correspondence Training, etc. - 1946
9. Employee Relations War Bonds - 1945-47
10. Personnel Absences - 1945
- 275 11. Personnel - Clerical Employees Survey - 1947
12. Personnel Appointments of Personnel - 1946
13. Personnel Clerical Employees Survey - 1946
14. Personnel Employment - 1944-45
15. Personnel Janitor Survey - 1945-47
16. Personnel - Personnel Estimates - 1945
17. Personnel R. L. Personnel - 1945
18. Personnel - Special Eng. Det. - 1944-46
19. Engr. Building 9202, 9203 - All Chemical Buildings - 1945
20. Procurement - 1946
21. Procurement - 1947
22. Wage Standard Shift Differential - 1945-46
23. Outside Correspondence Chrysler Corp. - 1945
24. Outside Correspondence General - 1944
25. Outside Correspondence Stone & Webster - 1945-46
26. Engr. Buildings 9201, 1, 2, 3 and 4 - 1945
27. Outside Correspondence Westinghouse - 1945

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28. Engineering and Maintenance Contract - Stone & Webster - 1944
29. Engineering and Maintenance General - 1945
30. Engineering and Maintenance Motor Generator Sets - 1945
31. Electrical - General - 1945
32. Engineering 9204-1, 2, 3 and 4 - 1945
33. Engineering M-7 Eastman Kodak Co., - 1945
34. Engineering M-7 - 1945
35. Engineering General - 1945
36. General Utilities Coal - 1944
37. Services General - 1946
38. Planning and Estimating SER's and Work Requisitions - 1946
39. Adm. - Cafeteria - 1944
40. Plant Protection Guards - 1945
41. Plant Protection - Fire Protection - 1945
42. Plant Protection Badges and Passes - 1945-46
43. Misc. Services Laundry - 1945
44. Investigation of Fire in Building 9904 - 1944-45
45. Plant Protection Security Committee - 1945
46. Engineering Buildings - Miscellaneous - 1944-45
- 276* 47. Cafeteria Profit and Loss Statement - 1945-47
48. Plant Protection - Security - 1945-47
49. Engineering Report on High Vacuum Practice Clinton Engineer Work, Y-12 Area - September 1, 1945
50. Plant Protection Security - Bldg. 9212 - 1945-46
51. Security Lists of Personnel Having Access to Production Figures and to the More Restricted Areas - 1945

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52. Board of Investigation Report in the Case of Harold T. Stanton - 1945
53. Board of Investigation Report in the Case of James C. Womak - 1946
54. Plant Protection Visitors - 1945-46
55. Safety Injuries - 1945-46
56. Safety - 1945-46
57. Alpha Chemical Production - 1945
58. Beta Chemical Production - 1944-46
59. Development Estimated Expenditure - 1947
60. Development General - 1946
61. Process Improvement Estimated Expenditures - 1943-46
62. Development Isotope Program - 1945-47
63. McN - General - 1945

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64. Estimates and Predictions - General - 1944-45
 65. Chemical Specifications U.S. Atomic Energy Commission General Chemical Correspondence - 1947
 66. Chemical T. Recovery - K-25 Waste Carbon Trap - 1945
 67. TS Benedicts Report - 1945
 68. Chemical Producton Capacity - 1945
 69. Conf.-4 Army Rjeport - 1944
 70. Predictions - Monthly, Weekly, et AC. - 1944-45
 71. Material Handling - Webt - 1944
 72. Chemical Beta Chemical Operations - 1945-47
 73. Chemical Safety - 1946-47
 74. Chemical Report on Losses and Hold Up - 1945-46
 75. Chemical Maintenance - 1946

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- 76. Chemical K-25 Material - Safety Rules for Handling - 1945-46
 - 77. 10 - Enhanced Feed Program - 1944-45
 - 78. Chemical - General - 1943-47
 - 79. Chemical Salvage - 1944-47
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278. Process Manual - Alpha I, Alpha I/5, Alpha II - 1944-45
 2. Process Manual Alpha I/5 - August 22, 1945 (2 copies)

 - 279 3. Alpha I/5 Operation Procedures Cubicles 2 and 4 - October 27, 1944
 4. Catalogue Alpha I Plates Nomenclature Parts, TEC Numbers - Catalog Numbers - 1945
 5. Catalogue Alpha I Plates Nomenclature Parts, TEC Numbers Catalog Numbers 1945
 6. Process Manual Alpha I - August 22, 1945

 - 280 7. Alpha I On-The-Job Training Program - August 17, 1944
 8. Catalogue Alpha I Plates Nomenclature Parts, TEC Numbers Catalogue Numbers May 31, 1945
 9. Catalogue Alpha I Plates Nomenclature Parts; TEC Numbers: Catalogue Numbers - May 31, 1945
 10. Schematic Representation of Westinghouse Leak Detector - 1945
 11. Refining Mechanical Servicing On-The-Job Training Manual - August 10, 1944
 12. Training Foreman's Manual - Alpha I - August 12, 1944
 13. Pictorial Manual Refining Division - November 25, 1944
 14. Obsolete - To Be Destroyed - 1943
 15. Incentive Chart for Mechanical Service - 1945
 16. Procedures Refining Division - TEC - February 1, 1946
 17. The Helium Leak Detector - February 1945
 18. The Helium Detector - February 1945
 19. Miscellaneous - 1944
 20. Miscellaneous - 1945
 21. The Meriam Gauge (Salvage) - 1943
 22. Leak Detector Instructions - 1944
 23. Document T.S.1, The D Assembly - Undated
 24. Miscellaneous - 1943-44
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1. Alpha II Training Manual - July 1944
 2. Process Manual Alpha II - August 22, 1945
 3. Catalogue Alpha II Plates Nomenclature Parts, TEC Numbers Catalog Numbers 1945
 4. Catalogue Alpha II Plates Nomenclature Parts, TEC Numbers, Catalog Numbers - 1945
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5. Catalogue Alpha I Plates Nomenclature Parts, TEC Numbers, Catalogue Numbers - 1945
 6. Catalogue Alpha I Plates Nomenclature Parts, TEC Numbers, Catalog Numbers 1945
 7. Catalogue Alpha II Plates Nomenclature Parts, TEC Numbers Catalogue Numbers - 1945
 8. Catalogue - 1945
 9. Training Foreman's Manual - Alpha I - 1944
 10. Approved Sheet Process Change - 1945
 11. Chart Data - 1944045
 12. Waugh - 1944-45
 13. Cubicle Operation - 1943-48
 14. Production Procedures - 1943
 15. ~~Production Index Chart - 1943-45~~
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16. No. 110 Drawing List Alpha I - 1944
 17. Emergency plan - July 3, 1945
 18. No. 103 Drawing List Alpha I - 1945
 19. A1b H.V. Cubicle and Electric Circuits 0 1944
 20. Salvage Current Operating Procedure - Undated
 21. Chemical - U.S. Engineer Office - General Chemical Correspondence 9145-46
 22. Safety - J.G. McNalley - 1945
 23. Spectrograph and Spectrometers - 1945

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24. UCRL Reports - Lists of Documents Sent to Site - To Technical Library for Filing - List of Documents Destroyed from Mrs. Edwards - 1943-45
 25. Nitric Acid Filling Station (Salvage) 1943-44
 26. Manual of Procedures - 1944
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1. Miscellaneous - 1943-44
2. Miscellaneous - 1945
3. CD-2847 - Compilation of Reports on Analysis of Standard Sample S-1 - Cooperating Agencies - TEC - CEW - Chemical Analytical Control Division and Chemical Division - Brown Univ. - Princeton University - National Bureau of Standard - Madison Square ARoa - March 21, 1945
4. CD-2307 - Completion of Reports on Analysis of Standard Sample 5-5 - Cooperating Agencies - TEC - CEW - July 5, 1945
5. M-2306 - A Comparative Study of Analytical and Assay Results on 1.1% Hexafluoride Feed for Y-12 - June 20, 1945
6. CD-2304 - Compilation of Reports on Analysis of Standard Sample S-6 - Cooperating Agencies - TEC - CEW - May 9, 1945
7. CD - 2302 - Compilaton of Reports on Analysis of Standard Sample S-4 - Cooperating Agencies TEC - CEW - April 30, 1945
8. M-2307 - Compilaton of Reports on Analysis of Standard Sample S-5 - Cooperating Agencies - Tec - CEW - July 5, 1945
9. RL 4.8 - 1944 - Evaporator
10. Miscellaneous - 1944-46
11. RL 4.6 - Tuballoy - 1944-45
12. Miscellaneous - 1943-46
13. Alpha 1-B Emission Limit and Relay Settings Requisitions XB-69785-4 and XB-89101 - April 28, 1944
14. Miscellaneous - 1945
15. Miscellaneous - 1945

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16. H1.43a Report Technical - 1945
 17. 10,.72 - XA Operation Digest - 1944-45
 18. Miscellaneous - 1944
 19. File Guide - 1945
 20. Chemical Development - 1945
 21. Beta Holdup and Corrosion Report - August 7, 1945

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22. Miscellaneous - 1944-45
23. Memo - DTD 10/27/44 - Radiation from 9 Bags Stored in the Warehouse Vault
24. "M" Report - BM-19 - October 1944
25. Summarizing Report - June 1, 1943
26. Miscellaneous - 1943-45
27. Progress Report - April 1, 1943
28. J. A. Norris - 1945

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29. Miscellaneous - 1943-44
 30. M-890 Organic Reagents in Analysis Chemical - 1944-45
 31. CP's - Ion Gauge Control Circuit - Model 3A - January 6, 1945
 32. Monthly Information Report - September 1-30, 1944
 33. 4.6 Reports from Outside Parties - 1945
 34. RL 4.7 - 1944-45

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35. P-382 P-384 - 1944
 36. RL4.5 - 1944-45

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1. H1.43 Reports - 1945
2. G1.13 Detectors - 1946
3. Document No. C-0.340-2 - Variables Affecting Cold Peroxide Precipitation of T in Beta Dunk Under Conditions of Plant Production and a Recommended Operating Procedure - 1946
4. General Theory of Refining Process - 1944
5. Technical Report - 1946
6. G1.40 Reports Technical - 1946

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7. Revision of Alpha II and Alpha I/5 M Terminal Box - February 9, 1945
8. Instruction for Operating Oxy-Acetylene Descaling Torch - May 1, 1945
9. Modification of Water Lines Alpha I "D" Unit - September 5, 1945
10. Report on Maintenance Cleanliness of Circulating Oil - February 9, 1944
11. Concentrated RXC vs. Z Current - 1944
12. G Supply Ripple, Preliminary Memorandum on Effect - March 20, 1945
13. Exlimination of C Liner - Water Lines - January 4, 1944
14. Reports 1 - Miscellaneous - 1945
15. Reports 2 - Miscellaneous - 1945
16. Reports 3 - Miscellaneous - 1943-45

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17. Reports 4 - Miscellaneous - 1945
18. Reports 5 - Miscellaneous - 1943-46

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290. Miscellaneous Reports - 1945
2. Miscellaneous Reports - 1945
3. Miscellaneous Reports - 1944-45
- 291 4. Miscellaneous Reports - 1945
5. Miscellaneous Reports - 1943-44
6. Alpha - Beta Process Recovery Methods - May 31, 1943
7. Report on Study of Assay Laboratory and Chemical Works Building for Site X Operatons - February 5, 1943
8. Miscellaneous Reports - 1942-43
9. Report on Study of Assay Laboratory and Chemical Works Building for Site X Operations - February 5, 1943
10. The Electrical System - September 17, 1943
11. Beta S Reports - 1944
12. Chem S Reports 258 - 1944
- 292 13. "M" Reports ET McBee - Purdue University - 1945-46
14. Stone & Webster - Magnet Supply Control for Beta Magnets #1, #2 - Revised April 12, 1943
15. Bases of Production index for Alpha I - September 29, 1944
16. Drawings for Alpha I Conversion - July 3, 1944
17. Annual Program Report - 1944
18. Errate for CC-2058 - July 23, 1945
19. Miscellaneous Reports - 1945
20. The D-Assembly - 1943
21. The D-Assembly - 1943
22. The D-Assembly - 1943
23. Progress Report on Quantitative Chlorinations in the Vapor Phase Reactor July 31, 1943
24. Vapor Phase Reactor - July 20, 1943

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25. Basis of Production Index for Alpha I - September 29, 1944
 26. Summary of the Specifications and Constructo of XA Equipment - June 17, 1943
 27. Miscellaneous Reports and Drawings - 1943-46
 28. The Chemical and Recovery Phases of the Alpha Plant Operations - 1946
 29. The Chemical and Recovery Phases of the Alpha Plant Operations - 1946
 - ✓30. A Description of the plant for producing U235 by; The Electromagnetic Process
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TEC BOX #101

- 293 1. Investigations Relating to the Chemistry of Uranium Part II Investigations Relating to the Use of Polyethers as Extraction Agents - May 1, 1946
2. Corrosion and Solvent Resistance of Metals and Materials (Abstracts and Index) - August 10, 1945
3. A Theoretical Study of Projected Plant Production for the Y-12 Project 1944
4. Progress Improvement Division Technical Report D-4, 400.5 - September 11, 1945
5. Miscellaneous Reports - 1944-46

- 294 6. "T" Separation and Detection - ~~Chemical Reports - 1943-46~~
7. Miscellaneous Reports and Photographs - 1946
8. XBX - Chemical Reports - 1944
9. Miscellaneous Reports - 1945-46
10. Report on Alpha I Conversion AI-4B Test Runs and Estimates - May 5, 1945
11. XA Summary Charts - September 4, 1943
12. Alpha - Beta Process Recovery Methods - May 31, 1943
13. Miscellaneous Reports - 1943-45

14. ~~Miscellaneous Reports - 1943-45~~
15. Miscellaneous Reports - 1943-45
16. Period Reports for Division - 1943-45

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1. Miscellaneous Reports - 1943-45

295 2. "Snowshovel" Experimental Report - 1944

3. The Continuous Extraction of Beta Gunk with "Tibutyl Cellosolve"
August 10, 1944

4. Sump Reports - 1944

5. Miscellaneous Drawing, Graphs, etc. - 1944-45

6. Chemical Division Operating Manual Department 185 - Master Copy - January
1946

7. Emergency Plan - August 1945

8. Material Control Waybill Procedures - 1945

296 9. Alpha II Master Manual - July 12, 1944

10. Catalogue Alpha II Plates Nomenclature Parts, TEC Numbers - Catalogue
Numbers - 1945

11. Catalogue Alpha I Plates - Nomenclature Parts, TEC Numbers - Catalogue
Numbers - 1945

12. Alpha II Training Manual - July 1944

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1. R.100 - Reasons for Terminations - 1944
2. "A" Spot Check Reports - 1943-44
- 297 3. Run Summary Reports Refining Division - 1944
4. Spot Check Reports - Refining Division - 1944
5. Run Outage Reports (Weekly) - 1944
6. AIB H.V. Cubicle and Elec. Circuits - 1944
7. "B" Spot Check Reports - 1944
8. R.100 Weekly Run Statistics Summary - 1944
- 298 9. Emergency Procedure - 1945
10. Process Manual Alpha I - Alpha I/5 - Alpha II - 1944
11. Chemical Division Operating Manual Department 196 - Master Copy
December 1945
- 299 12. Spot Check Reports - 1944
13. Run Summary Reports (Weekly) - 1944

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1. Alpha and Beta Spot Check Reports - 1944
2. Training Diagrams and Instructions - 1943

- 300 3. Twelfth Period Spot Checks - 1944
4. Chemistry - 1943 - Drawing
5. Miscellaneous Reports - 1943

- 301 6. Run Outage Reports - 1944

7. Run Statistics Summary Reports - 1944

- 302 8. Weekly Process Outage Summary - 1944
9. R.100 Weekly Run Outage Summary - 1944

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1. General Electric Specifications - 1943
2. General - 1943
3. Chemistry Buildings 9202 - Alpha - 9203 - Beta - 1943
4. DSM Project - 1943
5. Plant Layout - 1943
6. Housing - 1943
7. Beta -Electricity Magnet - 1943
8. Stone & Webster Electrical Specifications - 1943
9. Westinghouse Electric & Mfg. Co. - 1943
10. Beta - Spare Parts Electrical - 1943
11. Alpha - Spare Parts Electrical - 1943
12. Draft Referments - 1943
13. Experiments at Davis - 1943
14. Daily Activities ReportSite X - 1943
15. Daily Activities Reports - 1943

- 303 16. Progress Reports by Karl Goerdel and W. R. Chambers - 1943
17. Alpha - Electricity Magnet - 1943
18. Electroplating - 1943
19. Process Buildings 9201-4 Beta - 1943
20. Process Buildings 9201-1-2-3 Alpha - 1943
21. Administrative Building 1/04 - 1943
22. Actual Salaries - 1943
23. Stone & Webster Delivery Schedules - 1943
24. Training Program TR Series 1 - 1943
25. Beta - Servicing - 1943
26. Wash Water - 1943

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27. Organization Charts - 1943
28. Salary Schedules Living Allowance - 1943
29. Policy and Responsibility - 1943
30. T.C. Manuals III, IV, IV, III - 1943
31. Yards and Grounds - 1943
- 304 32. Personnel for Industrial Relations Division - 1943
33. Process Improvement XAX - 1943
34. Process Improvement - 1943
35. Alpha - Test Equipment and Methods - 1943
36. Teletype - Incoming - 1943
37. Alpha - Servicing - 1943
38. Personnel - 1943
39. Safety and Fire Protection - 1943
40. Process Improvement XB - 1943
41. General Office Procedure - 1943
42. Plant Operations - 1943
43. Plant Personnel - Stores and Receiving - 1943
44. Estimate of Operating Personnel - 1943
45. Personnel - Utilities - 1943
46. Personnel - Mechanical - 1943
47. Subcontractors - 1943
48. Beta - Vacuum - 1943
49. Beta - Tank - 1943
50. Alpha - Tank - 1943
51. Teletypes - 1943

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- 52. Alpha - Spare Parts Mechanical - 1943
- 53. Plant Personnel - 1943
- 54. Lists of Employees on Rol - 1943
- 55. Personnel - Process Improvement - 1943
- 56. Plant Personnel - Electrical - 1943
- 57. General Office Personnel - 1943
- 58. Tentative Personnel - 1943
- 59. Magazine Article - 1940-43

- 305 60. Plant Protection - 1943
- 61. Alpha - Vacuum - 1943
- 62. Training Program - 1943

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1. Stone & Webster Delivery Schedules - 1943
2. Stone & Webster Delivery Schedules - 1943
3. Stone & Webster Delivery Schedules - 1943

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4. Stone & Webster Delivery Schedules - 1943
5. Alpha - 2 - 1943
6. Original Curves - Operational Digests - 1943
7. Beta - Specifications - 1943
8. II Original Curves - Operational Digests - 1943
9. Stone & Webster Specifications - 1942-43
10. Building 1501 - Specifications - 1942-43
11. Building 1/01 - 1943
12. Progress Reports - Stone & Webster Engineering Corp. - 1943
13. Alpha Changes - 1943
14. Miscellaneous - 1943
15. Draft Deferements - 1943
16. W. H. Hodsdon - 1943
17. Chem. Feed and Cost - 1943

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18. Industrial Hygiene - 1943
19. Cooling System - 1943
20. 9205 Bldg. - 1943
21. Boiler House 9401 - 1943
22. First Aid Building - 9706 - 1943
23. Main Shop 9709 - 1943
24. Cafeteria 9711 - 1943
25. Bldg. 9723 - 1943
26. Process Improvement Building 9731 - XAX and XBX - 1943

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27. Bldg. 9727 - 1943
28. Chemistry - Experimental 9/30 - 1943
29. Distribution of Reports Procedures - 1943
30. Physics - Experimental 9/33 - 1943
31. Bldg. 9736 - 1943
32. Bldg. 9737 - 1943
33. Transfer of Apparatus - 1943
34. Neeley, W. E. - 1943
35. Stone & Webster Misc. Specifications - 1943
36. Weekly Progress Reports S. S. Rich - 1943
37. Weekly Progress Report C. E. Larson - 1943
38. Pilot Plant Kodak Park - 1943
39. Plant Personnel - Chemistry - 1943
40. Chemical Process - 1943
41. Chemical Nomenclature - 1943
42. Flow Sheets - 1943
43. Chemistry Group C. G. Series Numerically - 1943

30844. Chemical Equipment - 1943
45. Beta - Chemistry - 1943
46. Alpha - Chemistry - Misc. - 1943
47. Minutes Coordination Meetings - 1943
48. Minutes of Meeting - Boston - 1943
49. Meetings - Electric - 1943
50. Minutes of Meetings - Electronics - 1943

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51. Conferences in Schenectady and Pittsfield - 1943
52. Meetings at Knoxville - 1943
53. Nomenclature for Labeling Equipment - 1943
54. Alpha - Equipment - 1943
55. Alpha Magnet Mechanical Details - 1943
56. Job Evaluation - 1943
57. Beta - Equipment - 1943
58. Communication System - 1943
60. Return to Safety at Night - 1942-43

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1. S.E.R.'s - 1944

- 309 2. OPR - Laundry (Bldg. 9/28) - 1944
3. ADM - Transportation - 1944
4. ADM - Transportation - 1943
5. ADM - Badges and Passes - 1943-44
6. ADM - Fire Protection - 1944
7. ADM - Guards - 1943
8. ADM - Badges and Pases - 1943
9. ADM - Security - 1944
10. ADM - Security - 1943-44
11. OPR - Foreign Visitors - 1944
12. ADM - Guards - 1943-44
13. Returned Classified Material - 1943-45
14. Salt Mines - 1943-44
15. APIT (MAT) Alpha Invt. - 1945
16. P.R.O. - 1944-45
17. Weekly Beta Chemical Report - 1945
18. PRU's - 1944
19. /00 - Visitors - 1943-44
20. ADM - Safety - 1943-44
21. Emergency Plan - July 3, 1945
22. Emergency Plan - July 3, 1945
23. Operating Expense Statement Report (Dept. 138 - Monthly) - 1944-45

- 310 24. Liners - 1944-45
25. Process Department 14/ - Labor Analysis - 6th Period, 1945
26. Labor Costs - 1944-45

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27. A.P.I. #II - 1945
28. B.O.T. Wt. of Oxide - 1945
29. Weekly Alpha Oxide Transfer Report & P.R.O. - 1945
30. Refining Chemical Inventory - Undated
31. Statistical Summary of Operations and Production - 1944
32. Building Facilities - 1944
33. Building 9202, 9203 - All Chemical Buildings - 1944
34. 1/5 - Chemical Building A 9202 - 1943
35. OPR - Design - 1943-44
36. R.600 - Progress Report of Building Construction in Y-12 - 1943
37. Electrical Equipment Survey - 1943-44
38. OPR - Distilled Water Lines - Cooling System - 1943-44
39. OPR - Oil and Oil Filters - 1943-44
40. PL & Est. S.E.R.'s and Work Requisitions - 1945
41. PL & Est. S.E.R.'s Work Requisitions - 1945
42. Y-12 Miscellaneous - 1943-44
43. Adm. - Cost Sheets - 1944
44. Beta - Electricity Control - 1943
45. Alpha Meetings - 1943
46. Beta Meetings - 1943
47. Electrical Process Experimentation - 1943-44

- 311 48. Miscellaneous - 1943
49. Alpha - Electricity Control - 1943
50. Miscellaneous - 1943
52. OBBts BAWets - 1944-45

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1. Chemical Inventory - 1944
 2. Production and Operation - Beta - 1944-45
 3. C.S.C. Reports - 1944
 4. Memo - Dtd. 12/30/44 - Process Improvement Program and Estimated Expenditures for the Three Calendar Periods Ending March 24, 1945
 5. A.C.P. - Weekly Alpha Chemical Production Record - 1945
 6. Tank #2 - Plate 46 - Run 62 - 1944
 7. Plate #42 - Run #61 - Tank #2 - 1944
 8. Plate #46 - Tank #2 - Run #55 - 1944
 9. Tank #1 - Plate #51 - Run #68 - 1944
 10. Plate #51 - Tank #1 - Run #65 and #66 - 1944
 11. Plate #3 - Run #30 - Tank #1 - 1943
 12. Plate #47 - Run #21 - Tank #1 - 1943
 13. Plate #42 - Special Geometry Feature - 1944
 14. Plate #51 - Tank #1 - Run #70-#71 and #72 - 1944
 15. E-39 - Alpha II - Tank #2 - Run #26 - 1944
 16. Tank #2 - Plate #4 - Run #40 - 1943
 17. Plate 51 - Tank #1 - Run #64 - 1944
 18. Miscellaneous - 1943-44
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19. Miscellaneous - 1943-44
 20. Drawing - E2b-10080a - Study Arrangement of Mech. Serv. Area Bldg. 9204-1 Operating Floor - 1943
 21. Ltr-Dtd. 2/1/44 - Vacuum Valves - Building 9204-1 with Attached Prints
 22. Miscellaneous - 1943-44
 23. Racetracks - 1943
 24. Miscellaneous - 1943-45

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25. Miscellaneous Drawings - 1943
 26. Miscellaneous - Drawings - 1943-45
 27. Drawings TEC SK. No. 2/3 - Supersedes SK. No. 15/-R G.E. "R" Regulator
9/2/43
 28. Miscellaneous - 1944-45

 - 314 29. Use of Baffle Thermocouples in the Sublimation of 731 - Undated
 30. Miscellaneous - 1943-45
 31. Revision of Materials Accounting for Liquid Phase and Sublimation
Departments by the Use of a Storage Room Accountant - January 6, 1945
 32. Use of Baffle Thermocouple Readings in the Sublimation of 732 - Undated
 33. Revisions of Materials Accounting in the Sublimation and Liquid Phase
Department by the Use of a Storage Room Accountant - January 6, 1945 (2
copies)
 34. Final Report of the Tank Cleaning Committee of the Alpha II Recovery
Group - July 11, 1945
 35. Instruction for Operating Oxy-Acetylene Descaling Torch - April 16, 1945
 36. Miscellaneous - 1944-45
 37. Miscellaneous - 1943-45
 38. The Use of Sodium Diethyl Dithiocarbamate as a Reagent for the
Determination of T - Undated
 39. The Use of Penta-Ether for the Analytical Determination of T - August 10,
1945
 40. The Penta-Ether Extraction Method - Period Progress Report - Analytical
Development - Period Ending July 14, 1945
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1. Use of BAffle Thermocouples in the Sublimation of /31 - Undated
 2. Reports 1 - Miscellaneous - 1943-44
 3. Reports 2 - Miscellaneous - 1943-45
 4. Phenomena in the J - September 7, 1944
 5. "M" End Shorts Due to Condensate and Flakes - September 28, 1944
 6. "E" End Short Burner - September 28, 1944
 7. Tank Outgassing - March 28, 1945
 8. Report on Alpha I Conversion AI-4B Test Runs and Estimate - May 5, 1945
 9. Reports 3 - Miscellaneous - 1943-45
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10. Reports 4 - Miscellaneous - 1945
 11. Reports 5 - Miscellaneous - 1945
 12. Reports 6 - Miscellaneous - 1944-45
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13. Reports 7 - Miscellaneous - 1944-45
 14. Revision of Alpha II and Alpha I/5 M Terminal Box - 1945
 15. Reports 8 - Miscellaneous - 1944-45
 16. The Metal - Dielectric Junction of High-Voltage Insulators in Vacuum and Magnetic Field - August 8, 1945
 17. Miscellaneous Reports - 1945
 18. Miscellaneous Reports - 1944-45
 19. Miscellaneous Reports - 1944-45
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20. The Effect of Geometry and Voltage Variations on the Operation of the Philips Ion Gage - August 22, 1945 (2 copies)
 21. Miscellaneous Reports - 1945
 22. Report on Refractory Collimating Slots - June 1, 1945

1. Electrical Line Diagrams - 1943
- 319 2. Miscellaneous Drawings, Correspondence and Reports - 1943
3. Miscellaneous Drawings, Correspondence and Reports - 1943
4. Dr. E. O. Lawrence - 1943
5. Property Vouchers 5401 - 5500 - 1944
6. 1A-300A - Receiving Reports - 1945
- 320 7. Management Report - Twelfth Period - 1945
8. Management Report - Eleventh Period - 1945
9. Management Report - Tenth Period - 1945
10. Management Report - Ninth Period
11. Management Report - First Period - 1946
12. Management Report - 13th Period - 1945
13. John Hecker - 1943
14. V. C. Hall - 1943
15. K. Hickman - 1943
16. C. P. Cochrane
17. R. G. Churchill - 1943
18. A. K. Chapman - 1943
19. Caley - 1943
20. Cameron - 1943
21. FRC from R.E. Argercinger - 1943
22. Paul C. Aeberseld - 1943
23. Bldg. 9204 - 1943
24. B. M. Brown - 1943
25. W. Lyle Brewer - 1943
26. FRC from Boyer - 1943

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1. History Report Ninth Period - VI. XVII - 1945
- 322 2. History Report Volume XX - 12th Period - 1945
3. History Report - Volume XXI - 13th Period - 1945
4. History Report - Volume XXII - First Period - 1946
5. Prints from Burton - 1943
6. F. R. Conklin Personal - 1943
7. J. G. McNalley - 1943
8. F. R. Conklin U 1943
9. Dr. F. R. Conklin - Miscellaneous Reports - 1943
10. Orientation - 1943
11. Vacuum Alpha - 1943
12. Vacuum Servicing - 1943
13. W. R. Burton and E. D. Kane - 1943
14. James Ellis - 1943
15. H. A. Fidler - 1943

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17. P. S. Wilcox - 1943
18. Copies from White General - 1943
19. Servicing the D-Assembly - 1943
20. J. S. Culver - 1943
21. CC Boston Office to Klein - 1943
22. The Site - 1943
23. External Features of XA - 1943
24. James C. White - 1943
25. Personnel Specialties - John C. Hecker - 1943
26. M. C. Stowe - 1943

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27. Miscellaneous Correspondence - 1943
28. B. F. Miller - 1943
29. Macleish - 1943
30. R. L. Flanary - 1943
31. C. K. Flint - 1943
32. Col. J. C. Marshall - 1943
33. Organization Chart F. R. Conklin - 1943
34. J. L. Patterson - 1943
35. Priestley - 1943
36. James Sternes - 1943
38. Stone & Webster EngineeringCo. - 1943
39. T. M. Taylor - 1943
40. War Dept. - 1943
41. P. J. Galbreath - 1943

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43. V. E. Hall - 1943
44. W. O. Hodsow - 1943
45. Roger Knox - 1943
46. J. G. McNalley - 1943
47. Martin, Walter H. - 1943
48. Report of Telephone Conversation - 1943
49. Chaundy Starr - 1943
50. D W. Stewart - 1943
51. Stewart, David W. - 1943

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52. Julian H. Webb - 1943

53. B. M Werley - 1943

54. James C. White --1943

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1. History Report - CEW-TEC - July 1944 - August 30, 1944
2. History Report - September 1944 - November 10, 1944

- 325 3. History Report - January - June 1944 - July 28, 1944
4. History Report - 1943 - June 19, 1944
5. History Y-12 Project - January 1943 - May 1947 - June 10, 1947
6. History Report - Vol. XXVII 4th Quarter 1946 - 10th through 13th Period
7. History Report Volume XXVIII First Quarter - 1947
8. History Report - October 1944 - January 25, 1945

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11. History Report January 1945 - February 26, 1944
12. History Report - Eighth Period - 1945 - Vol. XVI
13. History Report - Seventh Period - 1945 - Vol. XV
14. History Report - Sixth Period - 1945 - Vol. XIV
15. History Report - 1945 - Eleventh Period Vol. XIX
16. History Report - Tenth Period - 1945 - Vol. XVIII

327 17. History Report - History Report - Fifth Period - 1945 - Vol. XIII

18. History Report - August 1944 - September 27, 1944
19. History Report - Fourth Kodak Period March 25 to April 21, 1945
20. History Report Covering Month of March 1945
21. History Report February 1945 - March 26, 1945

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1. History Vol. XXV - Second Quarter 1946 - 4th, 5th and 6th Periods
 2. History Report Vol. XXVI 3rd Quarters 1946 - 7th, 8th and 9th Periods
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3. History Report Vol. XXIII 2nd Period 1946
 4. History Report Vol. XXIV 3rd period - 1946
 5. Management Report 13th Period - 1945
 6. Management Report Volume XV Tenth Period - 1946
 7. Management Report Volume XIV Ninth Period - 1946
 8. Management Report Volume XIII Eight Period - 1946
 9. Management Report Volume XII Seventh Period - 1946
 10. Management Report Volume XI Sixth Period - 1946
 11. Management Report First Period - 1946
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15. Management Report Volume X Fifth Period - 1946
 16. Management Report Fourth Period - 1946
 17. Management Report Third Period - 1946
 18. Management Report Second Period - 1946
 19. Accounting Codes - 1945
 20. Building - 1945-46
 21. Employment and Termination Reports - 1944-45
 22. History Reports - 1945
 23. History Reports - 1944
 24. Knowledge of Process - 1946
 25. Organization Charts - 1944-46

TEC BOX #113

- 26. Reduction in Force Termination - 1946
- 27. Suggestons - 1945-47
- 28. Termination Summary - 1944-46
- 29. Transfers - 1945
- 330. Instructions GE1-20016 - November 1944

TEC BOX #114

1. Instructions GE1-1/693 - October 1943
- 331 2. Instructions GE1-20016 - November 1944
3. Alpha Chemical Conversion - June 29, 1945
4. CR/508-A136 Heater Control Equipment - 1944
5. CR/508-A135 Heater Control Equipment - November 1943
- 332 6. Instructions GE1-18360 for D. C. Power Supply Unit - Volume II Instructions Books and Drawings - April 1944
7. Bottling - May 11, 1945 *m. 500g*
8. Sublimation - May 9, 1945
9. Alpha Chemical Conversion - June 29, 1945
10. Bottling - May 11, 1945
11. Sublimation - May 9, 1945
- 333 12. Bulk Treatment - May 14, 1945
13. Liquid Phase - June 4, 1945
14. Liquid Phase - June 4, 1945

TEC BOX #115

333-335

1. Operating Manual Master Copy - Dept. 196 - September 22, 1945 - Section I-III (4 copies)
 2. Dept. 186 Section III - Operating Procedures through Section VII (4 copies)
-

TEC BOX #116

- 336 1. Classified Photostat Negs - 1945
2. Operating Manual - Dept. 186 - Master Copy - September 22, 1945
3. Operating Manual - Dept. 196 - Master Copy - December 1, 1945 (4 copies)
- 337 4. Book 1 - Miscellaneous Reports - 1943

TEC BOX #117

1. Job Break Down Sheets for Training Man on New Job - October 25, 1944

338. Process Manual Alpha I - Alpha I/5 - Alpha II - December 1, 1944
3. Instructions ~~GE1-1/690~~ D.C. Power Supply Unit - September 1943

339. 4. Master Manual for Refining Division - April 10, 1944
5. Dept. 196 - Operating Manual - Master Copy - December 1, 1945
6. Instructions GE1-1/6/0 - D. C. Power Supply Unit - June 1943

340. Instructions GE1-18364 - D. C. Power Supply Unit - November 1943 -
Revised June 1945

TEC BOX #118

1. History Report Vol. XXVII 4th Quarter 1946 10th through 13th Periods
2. History Report Vol. XXVI 3rd Quarter 1946 7th, 8th, and 9th Periods
- 341 3. History Report Vol. XXV - Second Quarter 1946 4th, 5th, and 6th Periods
4. History Report Vol. XXIV 3rd Period 1946
5. History Y-12 Project January 1943 - May 1947 - June 10, 1947
6. History Report Volume XXVIII First Quarter - 1947
- 342 7. Instructions GE1-1/694 - D. C. Power Supply Unit - January 1944
8. History Section - Charts - 1943-46
9. Photostats - 1947
10. Monthly Statements of Expenditures - 1943-47
- 343 11. Instructions GE1-1838/ - D. C. Power Supply Unit Volume II Instructions Books and Drawings - 1943
12. Instructions GE1-1838/ - D. C. Power Supply Input - Output - August 1944
- 344 13. Instructions GE1-20031 Sump Power Supply - October 1944

TEC BOX #119

1. History Report Vol. XXIII 2nd Period - 1946
2. History Report - Vol. XXII First Period - 1946
3. History Report - Vol. XV Seventh Period - 1945
4. History Report October 1944 - December 4, 1944
5. History Report November 1944 - December 30, 1944

345 6. History Report - December 1944 - January 25, 1945

7. History Report January 1945 - February 26, 1945
8. History Report - August, 1944 - September 27, 1944
9. History Report - September 1944 - November 10, 1944
10. History Report - February 1945 - March 26, 1945

346 11. History Report Covering March 1945

12. History Report Vol. XXI - 13th Period - 1945
13. History Report Vol XX 12th Period 1945
14. History Report 1945 - Eleventh Period - Vol. XIX
15. History Report Tenth Period - 1945 - Vol. XVIII

347 16. History Report Ninth Period - 1945 - Vol. XVII

17. History Report Eighth Period - 1945 - Vol. XVI

18. History Report Sixth Period - 1945 - Vol. XIV

19. History Report Fifth Period - 1945 - Vol. XIII

TEC BOX #120

1. History Report July 1944 - August 30, 1944
 - 348 2. History Report January - June 1944 - July 28, 1944
 3. History Report 1943 - June 19, 1944
 4. Progress Report First Quarter December 29, 1946 - March 22, 1947
 5. Progress Report Second Period - January 27 - February 23, 1946
 6. Progress Report - First Period - December 30, 1945 - January 26, 1946
 7. Progress Report - Thirteenth Period - December 2 - December 29, 1945
 - 349 8. Progress Report - Twelfth Period - November 4 - December 1, 1945
 - 349 9. Progress Report - Eleventh Period - October 7 - November 3, 1945
 10. Progress Report - Tenth Period - September 9 - October 6, 1945
 11. Progress Report - Ninth Period - August 12 - September 8, 1945
 12. Progress Report - Eighth Period - July to August 11, 1945
 13. Progress Report - Third Quarter - June 16 - September 7, 1946
 - 350 14. Progress Report - Fourth Quarter - September 8, December 28, 1946
 15. Progress Report - Sixth Period - May 19 - June 15, 1946
 16. Progress Report - Fifth Period - April 21 - May 18, 1946
 17. Progress Report - Fourth Period - March 24 - April 20, 1946
 18. Progress Report - Third Period - February 24 - March 23, 1946
-

TEC BOX #121 .

- 351
1. Progress Report - Seventh Period - June 17 - July 14, 1945
 2. Progress Report - Sixth Period - May 20 - June 16, 1945
 3. Monthly Progress Report - Fifth Period - April 22 - May 19, 1945
 4. Monthly Progress Report - January - 1944
 5. Monthly Progress Report - February - 1944
 6. Monthly Progress Report - March - 1944

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7. Monthly Progress Report - April - 1944
 8. Monthly Progress Report - August - 1944
 9. Monthly Progress Report - July - 1944
 10. Monthly Progress Report - June - 1944
 11. Monthly Progress Report - March - 1944

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12. Progress Report - Fourth Period - April 1 to April 21, 1945
 13. Monthly Progress Report - January 1945
 14. Monthly Progress Report - February 1945
 15. Monthly Progress Report - December 1944
 16. Monthly Progress Report - November 1944
 17. Monthly Progress Report - October 1944

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18. Monthly Progress Report - September 1944
 19. Monthly Progress Report - May 1944

TEC BOX #122

1. Process Division Annual Progress Report - 1945

~~2. Expense Statements - 1945~~

355. Disaster Plan - Miscellaneous - 1945

4. Index of Classified Documents Originating in Y-12 - April 18, 1947

5. 8th Period Work Reports - 1944

6. 7th Period Report - Work Sheets - 1944

7. Weekly Inventory Reports - 13th Period - 1943

8. Weekly Inventory Reports - 12th Period - 1943

9. Weekly Inventory Reports - 11th Period - 1944

10. Weekly Inventory Reports - 2nd Period - 1944

356 11. Weekly Inventory Reports - First Period - 1944

12. 6th Period Report - Work Sheets - 1944

13. 4th Period Reports - Work Sheets - 1944

14. 5th Period Work Sheets - 1944

15. Weekly Inventory Work Sheets - 2nd Period - 1944

16. Weekly Inventory Work Sheets - 3rd Period - 1944

17. Weekly Inventory Work Sheets - First Period - 1944

18. Weekly Inventory Work Sheets - 13th Period - 1943

19. Weekly Inventory Work Sheets - 12th Period - 1943

357 20. Technical Inspection Department - Reports - 1944-45

21. Still Usage - Production Summary - 1944-45

22. Alpha Charge Bottle Usage - 1944

23. Hb Usage and Recovery - 1944

TEC BOX #123

1. 10th Period Work Reports - 1944
2. 12th Period Reports - 1944
3. Chem #/39 - Batch REcords 1 thru 40 - 1944
4. Conversion Tables for Production Processing and Assays Summary - 1944
5. Material Receipts - Chemical #/3/ - 1943-44
6. Material Receipts - Chemical #/3 - 1943
7. Material Receipts - Chemical #703 - 1945
8. Hb Usage and Recovery - 1944
9. Hb Usage and REcovery - 1944
10. Training - General - 1944-45
11. The Reception at the E - June 5, 1945
12. 13th Period Reports Alpha - 1944
13. Miscellaneous - 1944-45
14. 11th Period Work Reports - 1944
- 358 15. 9th Period Work Reports - 1944
16. 10th Period Reports Work Sheets - 1944
17. Mechanical Department - 1944
18. Organization Listing of CEW * TEC Personnel - 1944
19. Process Outage Code - 1944
20. Start-up Time - 1945
21. Spot Checks - 1945
22. Terminations - General - 1945
23. Training - Job Breakdown and Check Sheets - 1944
24. Water Systems In Buildings 9201-3-4-5 - 1944
25. Vacuum Department - 1944

TEC BOX #123

26. Experiments - Weekly Status Report - 1944-45
27. Host Water Bakeout Tests - 1944
28. Job Description - 1943
29. Meeting - Miscellaneous - 1945
30. Meeting - Process Division - 1944
31. Meeting - Process Foreman - 1944
32. Meeting - Foreman's - 1945
33. Equipment Graphs - 1943-44
34. ___ and R Report (Weekly Average) - 1945
35. Department Names and Numbers - 1944
36. Chemical Numbers - 1943
37. Building 9201-1 - Floor Plans - 1943
38. Approval Sheets - 1945
39. Experiments - Special Tests Status Reports and Information - 1945
40. Experiments - Request for Experiment - 1944
41. Experiments - General - 1945
42. Equipment Troubles Track B - 1944
43. Equipment Troubles Track A-4 - 1944
44. Equipment Troubles Track A-3 - 1944
45. Equipment Troubles Track A-2 - 1944
46. Equipment Troubles Track A - 1944
47. Daily Operation Record and Log - Tank #34 - 1945
- 359 48. Electrical Changes - Electrical Circuits for Process Operators - 1943
49. Alpha I Electrical Circuits Functional Diagrams - March 17, 1945
50. Daily Termination Report - 1945

TEC BOX #123

51. Reception at the "E" - June 5, 1945
52. General Process Theory - July 3, 1945
53. Control of Vapor Pressure in the "J" - June 6, 1945
54. Proposed Vacuum Procedures - 1944-45
55. Manual of Procedures - 1943
56. Electrical Service - 1943
57. Photo's - Catalogue Alpha I Plater Nomenclature Parts, TEC Numbers
Catalogue Numbers - 1945
58. Mechanical Servicing Manual - 1944
59. Foreman's Book of Procedures and Responsibilities Bldg. 9201-5 - 1945
60. Operations Manual 9201-4 - 1945
61. Operations Manual 9201-4 - 1944
62. Manual on Check List Items for Cubicle Operators - 1944
63. Process Production (Procedures and Responsibilities) - 1944
- 3/0 54. Process Manual Alpha I - August 22, 1945
65. Process Servicing Instructions Sheets - 1944
66. Production Training Prints - 1943

TEC BOX #124

1. Incoming Classified Mail Log - 1945
2. Annual Progress Report - 1944
3. Operating Procedures - 1943
4. Overtime - 1945
5. Garage and Transportation - 1945
6. Emergency Committee - 1944-45
7. Emergency Plan - 1945
8. Outgoing Reports/Letter log - 1943-45
- 361 9. Mail Classified Log - 1943-44
10. Abstracts of Chemical Reports - 1943
11. G-2 Correspondence - 1943-44
12. The Still (Bldg. 9202) - April 1943
13. Study Course Outline - Undated
14. Original Batch Sheets - Hex Conversion Operators - 1945
15. Employment Curves - 1945
16. Employee Listing - 1945
17. E. K. - H.O.W. - TEC Transfers - 1945
18. Statistical - 1943
19. Monthly Personnel Summary - 1945
20. Division Personnel Summary - 2 wk. Period - 1945
21. Building Drawings - 1945
22. Additions and Alternations to Equipment - 1945
23. Approvals - 1943-44
24. Annual Progress Report - 1944
- 52 25. Process Improvement Division - The Metal--Dielectric Junction of High Voltage Insulators in Vacuum and Magnetic Field - August 8, 1945

TEC BOX #124

26. Store Catalogue - Alpha 1/5 and 2 - 1945
 27. Manual of Reproduction Plant Work - 1945
 28. Approval Sheets - 1945
 29. Schedules - 1944-45
 30. Authorization for Change - 1943-44
 31. 3.2.4 Chemical Analysis - Operation - 1944-45
 32. Graphs - 1944-45
 33. Functions of the Mechanical Training Division - Undated
 34. H-/12-/ - Request and Approval for Change - 1943-44
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TEC BOX #125

- 363
1. Non-Classified Materials in Literature and Aids - 1943-45
 2. Inventory of Prints - 1943-45
 3. Catalog of Materials Literature and Aids - 1943-45
 4. Record Book for Training Sketches - 1943-44
 5. Catalogue of Training Setches - 1943
 6. Non-Classified Materials Literature and Aids - 1943-45
 7. F.O.40q.3A Classified Materials in the Technical Training Department (Y-12 Area) - 1945
 8. F-0.42.1A Production Record of the Technical Reference Section - 1944
 9. Cafeteria - Financial Statement - 1947
 10. Cafeteria - General - 1945
 11. Cafeteria - Financial Statement - 1946-47
 12. Cafeteria - Financial Reports - 1945
 13. Services Division - Accounting Reports - 1945
- 364
14. Services Division - Budget - 1945
 15. Tantalum Requirements, Special Purchase Orders, Talley-In Nos. Etc. 1943-44
 16. Overtime - 1946
 17. Services Division - Accounting Reports - 1946-47
 18. Catalogue of Classified Documents - 1943-44
 19. Technical Reference Section Documents - 1944-45
 20. Catalogue of Classified Documents - 1943
 21. Catalogue of Classified Documents - 1943-45
 22. Catalogue of Tests for Training Program - 1943
 23. The Effect of Supplementary Heating During Bakeout - September 7, 1944
- 65
24. Records of Material - 1943

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25. Miscellaneous Drawings and Charts - 1943
26. Miscellaneous Memos and Reports - 1944-45
27. Miscellaneous Classified Materials - 1943
28. Drawing Status Report Lists - 1944
29. Outging Memoranda - 1944
30. Y-12 Area and Cubicle Room - 1944
31. To be Destroyed by Security Officers - 1943-44
32. General Theory - March 1/, 1944
33. Job-Training Check List for Operating Crews - May 19, 1943
34. Cubicle Operation - 1943
35. Pictures - 1943
36. Studies, Special Alpha - 1945
37. Experiments - Miscellaneous Tests in Process Division - 1945
38. X-Can Report Experimental Runs - 1945
39. Experiments - 1945

INVENTORY

TEC - BOX 126

- 1 Startup Foreman - 1943
- 2 Secret File - Report on Mechanical Coordination Meeting - 1944
- 3 Supervisor's Office 9201-3 - Paul Wendt - 1944
- 4 Testing Efficiency of Diffusion Pumps - 1944
- 5 Cleaning 753 Trap -1944
- 6 Heater Group Leader - 1944
- 7 Filling Diffusion Pumps - 1943
- 8 Filling Diffusion Pumps - 1943
- 9 Procedure for Handling Vacuum Maintenance for Process Operation - 1944
- 10 Procedure for Handling Vacuum Maintenance for Process Operation - 1944
- 11 Basis for Run Termination - 1944
- 12 Basis for Run Termination - 1944
- 13 Resp. of Vacuum Dispatches - 1944
- 14 General Foreman - 1943

- 366 15 General Foreman - 1943
- 16 Shift Supervisor - 1943
- 17 Heater Panel Operation - 1944
- 18 Procedure for Use of Portable Ion Gauge - 1944
- 19 Procedure for Use of Portable Ion Gauge - 1944
- 20 Procedure for Evacuating a Bin - 1944
- 21 Procedure for Filling 714 Traps - 1944
- 22 Procedure for Filling 714 Traps - 1944
- 23 Heater Operators - 1944
- 24 Testing Efficiency of Diffusion Pumps - 1944
- 25 Procedure for Filling 753 Traps - Undated
- 26 Procedure for Filling 753 Traps - Undated

- 27 Changing Oil in Kinney Pumps Operating Kinney Pumps - 1944
- 28 Vacuum Foreman - 1943
- 29 Vacuum Foreman - 1943
- 30 Heater Operators - 1944
- 31 Changing Oil in Kinney Pumps Operating Kinney Pumps - Undated
- 32 Cleaning 714 Trap - 1944
- 33 Procedure for Evacuating a Bin - 1944
- 34 Rate of Rise - 1944
- 35 Procedure for Starting Up Tank - 1944
- 36 Procedure Following Power Failure - 1944
- 37 Control Operator - 1944
- 38 Changing A K Assembly - 1944
- 39 Startup Foreman - 1943
- 40 Procedure for Terminating Run - 1944
- 41 Normal Tank Operation by Control Operator - 1944
- 42 Normal Tank Operation by Control Operator - 1944
- 43 Procedure for J Cleaning - 1944
- 44 Procedure Following Power Failure - 1944
- 45 Control Operator 1944
- 46 Operation of Hilco Oil Purifier - 1944
- 47 Procedure for Starting up Tank - 1944
- 48 Procedure for Adjusting Es Resp. and Oper. Breakdown - 1944
- 49 Procedure for Terminating Run - 1944
- 50 Procedure for Adjusting Es Resp. and Oper. Breakdown - 1944
- 51 Process Operator - 1944
- 52 Operating Foreman - 1943

- 53 Operating Trouble-Shooter's Manual - 1944
- 54 Rate of Rise - 1944
- 55 Process Operator - 1944
- 56 Procedure for J Cleaning - 1944
- 57 Heater Panel Operation - 1944
- 58 Operating Foreman - 1943
- 59 Cleaning 714 Trap - 1944
- 60 Resp. of Vacuum Dispatchers - 1944
- 61 Changing A K Assembly - 1944
- 62 Shift Supervisors - 1944
- 63 Heater Group Leader - 1944
- 64 Testing Efficiency of Kinney Pumps - 1944
- 65 Testing Efficiency of Kinney Pumps - 1944
- 66 Operation of Hilco Oil Purifier - 1944
- 67 Cleaning 753 Trap - 1944
- 68 Variables Affecting Cold Peroxide Precipitation of T in Beta Gunk under Conditions of Plant Production and A Recommended Operating Procedures - 1945
- 69 Chem Specials 257-259 - 1943-44

- 367 70 Miscellaneous - 1944-45
- 71 Miscellaneous - 1944
- 72 Miscellaneous - 1943-44
- 73 Miscellaneous - 1943-44
- 74 Alpha Index/Beta Index - Notes and Graphs - 1945
- 75 Miscellaneous (Notes and Graphs) - 1944

- 368 76 R. L. Thornton - Tables/Graphs 1940 - 1944
- 77 Vacuum Servicing - June 13, 1943

- 78 Task Breakdown Sheets - Undated
 - 79 S. W. Barnes Old Reports, etc. - 1944
 - 80 Incoming Print Receipts 1944
 - 81 Variables Affecting Cold Peroxide Precipitation of T in Beta Gunk under Conditions of Plant Production and A Recommended Operating Procedure - 1945
 - 82 Instructions for "E" Kovar "R" Water Line Insulator Installation - February 2, 1945
 - 83 Experiments (Notebook) 1944-45
-

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TEC - BOX 127

- 369 1 Progress Report Period 10 - 1945
- 2 Progress Report Period 5 - 1945
- 3 Department 188 - Monthly Reports - 1945
- 4 Progress Report Period 13 - 1945-46
- 5 Reports - CD-GS and CD - 1945
- 6 Variables Affecting Cold Peroxide Precipitation of T in Beta Gunk
under Conditions of Plant Production and A Recommended Operating
Procedure - 1945
- 7 Alpha II Training Manual - July 1944
- 8 Alpha II - 1944
-
- 370 9 Miscellaneous - 1945
- 10 Alpha II Mechanical Servicing Manual - 1944
- 11 D-2 Track Foreman's Inter-Shift Record - 1945
- 12 D-10 P.I. Operations Group Status Report - 1944
- 13 D-8 "Ms" Terminated - 1944
- 14 D-7 Daily Record Post Run Inspection - 1944
- 15 Testing of Trancil Oil, Bldg. 9201-4, Track A-6 - 1944
- 16 Lost Header Report - September 14, 1944
- 17 D-5 - Lost Header Report - January 26, 1948
- 18 D-3 - Special Follow Up on Tanks - 1944
- 19 Mechanical Servicing Manual - 1944
- 20 Ms - Es - Ls Tolerances - 1945
- 21 Inspection Procedure - Undated
- 22 R-7 - Alpha II M Bushing Group Report - February 9, 1945
- 23 P-13 - P.I. Group - August 24, 1945
- 24 P-10 - Personnel Summary - March 24, 1945
- 25 P-8 - Personnel and Shift Schedule - 1944-45

- 26 P-7 - Instructions for Using Cost Accounting Codes - May 28, 1945
- 27 P-6 - Foreman's and Control Operators Ratings - 1945
- 28 P-4 - Personnel to Alpha II - 1944-45
- 29 O-14 - Assignment - July 28, 1945
- 30 O-12 - Bakeout Analysis - February 20, 1945
- 31 O-9 - Procedure for Use of Helium Leak Detector (G.E.) in Alpha Division - May 12, 1945
- 32 O-8 - 24 Bin Experimental Tank Cleaning Program - March 19, 1945
- 33 O-6 - Miscellaneous - 1945
- 34 O-5 - Miscellaneous - 1945
- 35 May-June - Weekly Status of Experiments and Tests in Process Division - 1945
- 36 August 1944 - Weekly Status Report
- 37 September - Weekly Status Report and Additions and Alterations to Equipment and Buildings - 1944
- 38 R-14 - Some Recent Developments in the Electron Drain Problem in a Magnetic Field - Undated
- 39 R-13 - U.S.E.D. Summary of 9201-4 (A-6 and A-7) Terminations - 1945
- 40 R-10 - Status Report Alpha 1/5 and II and Beta Terminations - 1945
- 41 Miscellaneous - 1944-45
- 42 R-8 - Lost Header Report - 1945
- 43 Personnel Miscellaneous - 1945
- 44 Personnel Miscellaneous - 1944-45
- 45 November-December - Listing and Status of Drawing and Work - 1944-45
- 391 46 January-February - Status of Drawings and Work - 1945
- 47 March-April - Status of Drawings and Work - 1945
- 48 November-December - Weekly Experiments and Test Status - 1944
- 49 January-February - Weekly Status of Experiments and Tests in Process Division - 1945

- 50 March-April - Weekly Status of Experiments and Tests in Process Division - 1945
 - 51 Procedure for Transferring Classified Material - 1945
 - 52 Man Hours Per Service Cycle - 1944-45
 - 53 Committees and Meetings - 1944-45
 - 54 Outage Code - 1944
 - 55 Receipts - 1944
 - 56 Absenteeism - 1945
 - 57 Work Requirements and Shop Orders - 1945
 - 58 Merit Ratings - Undated
 - 59 Supervisory Training - 1944
 - 60 Status Changes - 1944
 - 61 Ray Rate Average - Job Classification - 1945
 - 62 The Reception at the E - June 5, 1945
 - 63 "E" Tolerances - Undated
 - 64 "E" Tolerances - 1945
 - 65 "R" - Approval Sheet for Process Change - May 19, 1945
 - 66 Test on R Insulation Kovar Tube Assembly - 1945
 - 67 Alpha II Mechanical Problems - July 12, 1945
 - 68 Alpha II Nomenclature - 1944
 - 69 Alpha II Nomenclature - 1944 (4 copies)
 - 70 Alpha II Nomenclature and Report on Investigation of Vapor Valve Motor Problems - 1944
 - 71 "M" Tolerances and Electrical Specifications - 1944-45
 - 72 Alpha II Nomenclature and "E" and "M" Tolerances - 1944
 - 73 Alpha II Nomenclature - 1944
 - 74 Production Divisions Monthly Report - 1944
-

INVENTORY

TEC - BOX 128

- 372
- 1 Steering Committee - 1945
 - 2 Micellaneous - 1943-44
 - 3 Progress Report Period 3 - 1945
 - 4 Miscellaneous - 1943-45
 - 5 Progress Report Period 9 - 1945
 - 6 Weekly Laboratory Reports - 1945
 - 7 Weekly Precision Reports - 1945
 - 8 CD/CDWT - 2300 - 1944-45
 - 9 Miscellaneous - 1945
 - 10 CD-5800 - 1945
 - 11 Miscellaneous - 1945
 - 12 CD-4700 - 1945
 - 13 CD-5000 - 1945
 - 14 Supervisory Meetings - 1945
 - 15 Progress Report Period 2 - 1945
 - 16 Progress Report Period 1 - 1945
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- 373
- 17 Monthly Reports - 1944
 - 18 Progress Report Period 4 - 1945
 - 19 CD-3800 - 1945
 - 20 Progress Report Period 7 - 1945
 - 21 Progress Report Period 8 - 1945
 - 22 Progress Report Period 6 - 1945
 - 23 Progress Report Period 12 - 1945
 - 24 Progress Report Period 11 - 1945
-

INVENTORY

TEC - BOX 129

- 374 1 Phillips Ion Gage - 1944-45
2 Miscellaneous - 1944-45
3 Alpha II Nomenclature - 1944
4 Miscellaneous (Notebook) - 1943
5 Standard Analytical Methods - 1945
6 Miscellaneous - 1943-45
7 Special Analytical Report on Research at Purdue University -
October 2, 1945
-

- 375 8 Volume XIII A, Chapter II-A, Part II, Solvent Extraction -
September 24, 1945
9 Kraus Paper on Extraction - February 22, 1946
10 Technical Reports - 1945
11 Alpha II Nomenclature - 1944 (10 copies)
12 Miscellaneous Reports - 1944-46
13 Plutonium Project Record Volume 13A, Chapter XII, Uranium - Undated
14 Miscellaneous Correspondence and Reports - 1944-45
15 Failure of Incord Sheath Heaters - December 14, 1945
16 Miscellaneous Correspondence and Reports - 1943-46
17 Miscellaneous Correspondence and Reports - 1943-44
-

- 376 18 Miscellaneous Reports - 1946
19 Plutonium Project Record - Vol. 13A, Chapter XII, Uranium - Undated
-

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371. Miscellaneous Reports - 1945-46
 2. Miscellaneous Reports - Undated
 3. Miscellaneous Reports - 1945
 4. Miscellaneous Reports - 1946
 5. Miscellaneous Correspondence & Reports - 1943-45
 6. Miscellaneous Correspondence & Reports 1944-45
 7. Beta Design Meeting - 1944
 8. Miscellaneous Correspondence & Reports - 1943-45
-
3789. Correspondence and Reports, Miscellaneous - 1946
 10. Miscellaneous Correspondence, reports & photographs - 1946
 11. Miscellaneous Correspondence, reports & photographs - 1946
-
37912. Miscellaneous Reports - 1943-46
 13. Miscellaneous Reports - Undated
 14. Miscellaneous Reports - Undated

TEC - BOX 130

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8916.

Report D-4, 440.8 Gaseous Flow
C. E. Normand (9 copies)



INVENTORY

TEC - BOX 131

1 The Metal-Dielectric Junction of High-Voltage Insulators in Vacuum and Magnetic Field - August 8, 1945

2 The Effect of Geometry and Voltage Variations on the Operation of the Philips Ion Gage - August 22, 1945

381 3 Miscellaneous Reports - 1944-46

4 Miscellaneous Reports - 1944-46

5 The Effects of Salting Agents Upon the Distribution of Uranyl Nitrate to Diethyl Ether and The Inhibiting Effects of Various Substances - Undated

6 Miscellaneous Reports - 1946-47

382 7 General Report of Stable Isotope Separation Work Done by Stable Isotope Personnel - January 20, 1947

8 Miscellaneous Reports - 1944-46

9 The Effects of Salting Agents upon the Distribution of Uranyl Nitrate to Diethyl Ether and The Inhibiting Effects of Various Substances - Undated

10 Miscellaneous Reports - 1945-46

11 Miscellaneous Reports - 1944-47

383 12 Miscellaneous Reports - 1945-47

13 The Effects of Salting Agents upon the Distribution of Uranyl Nitrate to Diethyl Ether and The Inhibiting Effects of Various Substances - Undated

14 Trend Charts - Alpha - 1945

15 Miscellaneous Reports - 1945-46

16 Graphs - 1944-45

17 Graphs - 1944-45

18 Graphs - 1944

19 Graphs - 1945

INVENTORY

TEC - BOX 132

- 384 1 Alpha 1-5 and Alpha 2 Parts Catalog - July 17, 1944
- 2 Weekly Personnel Summary Buildings - 1945
- 3 Graphs - 1944-45
- 4 Emergency Plan - August 1945
- 5 Daily Termination Report - June 1945
- 6 Daily Termination Report - July 1945
- 7 Supplies - Spare Parts - 1943-44
- 8 Emergency Plan - July 3, 1945
- 9 Emergency Procedure - March 15, 1945
- 10 "D" Assembly - 1943-44
-
- 385 11 "D" Servicing Procedure - 1943-44
- 12 "D" Status Reports - 1944
- 13 Mechanical Servicing Report - 1943-44
- 14 Alpha Doors - Records of Changes - 1943
- 15 Westinghouse Office - 1943
- 16 Bldg. 9731 - Mechanical D Assembly - 1943
- 17 Reports from R. L. Group - 1944
- 18 D.R.S.S. - A4 - (Current Week) - 1945
- 19 Emergency Plan - July 3, 1945
- 20 Daily Termination Report - July 1945
- 21 Process Manual Alpha I - August 22, 1945
- 22 Process Manual Alpha I/5 - August 22, 1945
-
- 386 23 Alpha II - December 1, 1944

INVENTORY

TEC - BOX 133

- 1 Manpower Studies - 1943
- 2 P.S.W. Batch Sheets - 1945
- 3 Trainee Instruction - Category II Jobs Production and Refining Processes - 1943
- 4 Miscellaneous Reports - 1943-45
- 5 Alpha II Training Manual - July 1944

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- 6 Miscellaneous Reports - 1943-45
- 7 The D Assembly - June 18, 1943
- 8 Vacuum System - Alpha - 1943
- 9 Miscellaneous Reports - 1944
- 10 Miscellaneous Reports - 1943-44
- 11 Miscellaneous Reports - 1945
- 12 D Spec. 04 - 1945

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- 13 The Metal-Dielectric Junction of High Voltage Insulators in Vacuum and Magnetic Field - August 8, 1945
- 14 The Effect of Geometry and Voltage Variations on the Operation of the Philips Ion Gage - August 22, 1945
- 15 Miscellaneous Reports - 1945
- 16 The Operation of Stone and Webster Overhauled Alpha II M Units - September 10, 1945
- 17 Description and Experimental Experience with the "Shotgun" M - September 11, 1945
- 18 Miscellaneous Reports - 1945

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- 19 Miscellaneous Reports - 1945
- 20 Miscellaneous Reports - 1944-45
- 21 Miscellaneous Reports - 1944-45

INVENTORY

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1 Weekly Status of Experiments and Tests in Process Division - 1944-45

390 2 Miscellaneous Reports - 1944-45

3 Miscellaneous Reports - 1944-45

4 Miscellaneous Reports - 1943-45

391 5 Miscellaneous Reports - 1944-45

6 Miscellaneous Reports - 1943-45

7 Miscellaneous Reports - 1944-45

INVENTORY

TEC - BOX 135

- 392 1 Preliminary Edition - XAXH Operations Manual - April 14, 1944
- 2 Corrosion and Solvent Resistance of Metals and Materials - August 10, 1945
- 3 P.I. Progress Reports - 1943-45
- 4 P.I. Progress Reports - 1945
- 5 Weekly Status of Experiments and Tests Beta - 1944-45
-
- 393 6 Alpha-beta Process Recovery Methods - May 31, 1943
- 7 Bottling - May 11, 1945
- 8 The Kettles - February 1945 (5 copies)
- 9 The Oliver Filter - January 1945 (5 copies)
- 10 The Electrical System - September 17, 1943
- 11 Servicing the D-Assembly - July 12, 1943
- 12 Vacuum System - 1943
- 13 Material and Equipment List - Building 9202 - Extension Chemistry Building "A" - 1944 (2 copies)
-
- 394 14 Chemical Division Operating Manual Department 180 - Section V Bulk Treatment - May 14, 1945
- 15 Equipment List - Bulk Treatment Extension - October 19, 1944 and Purchase and Delivery Schedule - Vapor Phase Plant - July 26, 1943
- 16 Ref. Residue Recovery Inventory 1000 Recycle Material Only - 1945

INVENTORY

TEC-BOX 136

1 Chemical Division Operating Manual - Department 180 - Section V -
Bulk Treatment - May 14, 1945

2 Chemical Division Operating Manual - Department 180 - Section III
Sublimation - May 9, 1945

395 3 Master Manual for Refining Division - April 10, 1944

4 Operations Cycle Report - 1944-45

5 Miscellaneous Reports - 1943-44

396 6 Miscellaneous Reports - 1944

7 Miscellaneous Reports - 1943-45

8 Miscellaneous Reports - 1944-45

9 Miscellaneous Reports - 1943-46

10 Miscellaneous Reports - 1943-45

397 11 Miscellaneous Reports - 1944-45

12 Miscellaneous Reports - 1943-45

13 Charge Consumption Report 1000 Recycle 9204-3 - 1945

14 1100 Recycle Charge Consumption - Undated

15 Charge Consumption 1200 Recycle - Undated

16 Inventory -1945

INVENTORY

TEC-BOX 137

- 1 Miscellaneous Reports - 1943-46
- 2 ~~Miscellaneous Reports - 1943-45~~
- 398 3 Operation Oil Samples -1944
- 4 Reports - USED - PI Operations Group Status Report - 1944
- 5 Shift Operation Data Record 9201-1 - 1944
- 6 Shift Operation Data Record 9201-1 - 1944
- 7 Track Status Reports 9201-3 - 1944-45
- 8 Bldg. 9201-3 "E" Series Termination Report - 1944
- 9 Bldg. 9201-3 "E" Series Termination Report - 1944
- 10 Bldg. 9201-3 "E" Series Termination Report - 1944
- 11 Bldg. 9201-3 "E" Series Termination Report - 1944
- 12 Bldg. 9201-3 "E" Series Termination Report - 1944
- 13 ~~Bldg. 9201-3 "E" Series Termination Report - 1944~~
- 399 14 Bldg. 9201-3 Spot Check Reports - 1944
- 15 Bldg. 9201-3 Spot Check Reports - 1944
- 16 Bldg. 9201-3 Spot Check Reports - 1944
- 17 Bldg. 9201-3 Spot Check Reports - 1944
- 18 Miscellaneous Reports - 1943-45
- 19 Experiments (Notebook) - 1943
- 20 Miscellaneous Reports - 1943-45
- 21 Miscellaneous Reports - 1943-47