

COLLECTION 30 -NEW YORK HISTORICAL FILES
12 Boxes. D10 #A1-12. (Provenance Maintained)

These were built up over many years by ACF's Secretarial Department at ACF Headquarters in New York. They were shipped to the Archive during 1977. Provenance has been maintained, although at first glance, the arrangement is a little confusing. Generally speaking, the arrangement is by plant, by division and by subsidiary. The files include records of defense activities also, and a rudimentary biographical file. The Jackson & Sharp box (115) is particularly interesting. Not only does it contain some of the oldest material in the entire collection, (some of it 100 years of age), it is a unique glimpse at a "store front" car building company of the 19th century.

Collection #30, Box #1

1. Publicity -ACF Buffalo Plant 1942 -1945
2 historical photos of early Buffalo plant, press releases, newspaper clippings from 1942 -1945, on ACF war effort
2. H. -ACF Buffalo Plant 1941 -1946
Correspondence on publicity activities about Buffalo plant's shell production
3. H. ACF Buffalo Plant -Publicity, Charts, Etc.
Clippings, press releases, etc. re wartime publicity activities at ACF B.
4. H. ACF Buffalo Plant -Publicity Reprints
Reprints of 3 articles on shell manufacturing
5. H. ACF Buffalo Plant
Photos of Buffalo plant, workers, award ceremonies.
- 5a. Memo -Historical Record -R ACF Buffalo Plant -WWII
6. H. ACF Buffalo Plant -Citation of Honor Photos and 2 negatives
7. H. ACF Buffalo Plant -Shells
Photos of shell mfg. some with attached explanatory captions. 9 negatives included.
8. H. ACF Buffalo Plant -Shells Visits by Army & Navy Officials Photos of inspection tours, 11 negatives.
- 8a. H. ACF Buffalo Plant -Shells -Visits by General Eisenhower's Two Emissaries, Heroes of Bastogne, photos of visits.

9. ACF Buffalo Plant -Shells -240 MM Howitzer
Photos (mostly signal corps) of 240 mm Howitzer in action, being set up, etc., 14 negatives
10. H. ACF Chicago Plant 1944 -1945
Correspondence, memoranda, press releases re Chicago plant's wartime record. Historical photos of Chicago plant
- 10a. Historical -Chicago : List of Rodgers Ballast plow cars built, WWII memo for plant editors.
11. H. ACF Chicago Plant Publicity Press releases and magazine articles on ACF troop kitchen cars and "E"; award.
12. Publicity ACF Chicago Plant Press releases and clippings
13. .Historical -Chicago Plant Buildings Photos dated 1949. 12 negatives
14. Historical -Chicago Plant. Key Set Identifying Prints
Contains photos with identifying captions to file 13, other photos. 1 badly damaged negative.
15. H. ACF Chicago Plant -Troop Kitchen Cars Photos. 1 negative
16. H. ACF Chicago Plant -Troop Kitchen Cars October 1943
Correspondence re exhibition of kitchen cars for dignitaries in Washington press release
17. H. ACF Chicago Plant Army-Navy "E" Photos of award ceremony
18. H. ACF -Chicago Plant -Box Cars
Photos of 20T export boxcars, assembled, and disassembled for shipment. 2 negatives.
19. H. ACF Chicago Plant Troop Kitchen Cars -(Action) Photos of troops using kitchen cars. 1 negative.
20. H. ACF Chicago Plant -Troop Kitchen Cars (Old Type)
Photos of Penn. Railroad box and baggage cars converted into kitchen cars. 3 negatives
21. H. ACF Chicago -Troop Kitchen Cars Washington Exhibit (Acme)
Photos of dignitaries inspecting and soldiers operating kitchen cars. Captions
22. Publicity -Troop Kitchen Cars
Press releases, clippings and magazine articles.

23. H. ACF Detroit 1901-
Photos of Detroit plants, 2 group photos c. 1900-1901, memo on company history, values in WWII, 1919 memo on auto part production at Detroit plant.
- 23a. ACF Detroit Misc. Drawings for manhole covers for Detroit Public Utilities (1911), Forms used at ACF Motors, Detroit, 1926 -1930; ACF Safety Bulletin, 1915, with photo of R. Michigan plant safety committee, and workers in safe and unsafe situations; Blueprint and photo of 1114 U.S. Government Store, C. 1917; copy of Michigan Bell magazine with article on Michigan Peninsula Car Co.
- 23b. Historical Detroit
Memo re history of Michigan Peninsular Car Co., memo from 1919 re possible new products for Detroit plant, letter re Chase Ash and invention of wire wheels in 1920 -1925; photo and negative of ACF Michigan management team 1915 -1918
- 23c. Photostat Copies -News Clippings, Detroit
- 23d. Michigan -Peninsular Car Co. Minutes of Meetings of the Board of Directors 1896 -1897
- 23e. Old Material FTR's desk
1 Clipping (Photostat) re life of Charles L. Freer and Michigan plant
24. Historical -Detroit Plant -Machines and Valves
Photos of plant interior, valve manufacture, management conference
25. H. ACF Detroit Plant
Photos c. 1900-1901 with negatives, photo of Detroit office c. 1902 (in mourning) with negatives, photo of stove shipment c. 1917.
26. Detroit Plant Predecessor Mid-Peninsular Car Co. Photos of groups, 1919, 1915 -1918 (Executives)
27. Historical -Huntington
Clippings from Huntington papers on events at plant, ACF history 3 photos of railroad cars c. 1899, 1 group photo
28. H. ACF Huntington Plant
Rendering of Huntington plant
29. Historical Huntington Plant & Ensign Mfg. Co.
3 Photos, 1 of plant ext. (with workers) 1 of interior (with workers), 1 of 1928 plant safety committee (also in folder 27 but without ID.)
30. H. ACF Huntington Plant
Clippings, memoranda and correspondence re history of Huntington plant. Clippings on 1953 sale of Jeffersonville plant. 1 small book "Standard Specification, Grading and Dressing Rules for Yellow Pine Car Material" 1910. Correspondence and historical memoranda 1940 -1946.

Collection #30, Box #2

1. ACF Huntington Plant -Material Left Over from Army Flat Cars, Photos of Stocks of Surplus Material.
2. ACF Huntington Plant -Material Left Over from Army Flat Cars 112, Photos of Stacks of Surplus Material
3. H. ACF Huntington Plant -LST's European, Action Photos of LSTs, 12 Negatives
4. H. ACF Huntington Plant -LSTs Pacific, Action Photos of LSTs 19 Negatives
5. H. ACF Huntington Plant Publicity, Clips &: Press Releases
 - 5a. Huntington Misc.
Certificate of incorporation of Ensign Mfg. Co., Maps of Ensign, ACF plant sites, deed of Ensign properties to ACF, photostats of histories of Huntington.
 - 5b. Huntington Misc.
Envelope of photos of Huntington plant taken in 1973. Color and black &: white, with negatives.
 - 5c. Huntington Misc.
" Permit for construction of logway for Thornton Mill, Scraps of paper with ACF employment notice, 1916; Ensign shop rules, photo of Ensign works, --1882. Photo of Ensign works 1889, with note "Belongs to Walter Edmonds 4/6/77".
 - 5d. Huntington Misc.
Ledger of Materials on one flat car ordered by Tidewater Rg. (1907)
 - 5e. Title abstract of ACF Huntington properties
 - 5f. Bound map (on canvas) of ACF Huntington properties
 - 5g. Huntington Herald-Dispatch Bicentennial ed.
6. H. ACF Jeffersonville Plant
Print of Jeffersonville plant, several memos
 - 6a. Jeffersonville -Historical
Photo of office of Falls Cities Transfer Co., clippings re Ohio Falls Car Works, memo re W. E. Hedgcock (old employee).
7. H. ACF Jeffersonville Plant -Ohio Falls Car Works
Photo of ACF Jeffersonville lumber yard c. 1900, 8 photos of workers and 1 photo of managers of Ohio Falls Car Works.

8. H. ACF Madison Plant -Landing Mats
U Photos of airplane landing mats -11 negatives

9. H. Madison Plant

2 historical memos, clipping on landing mats from New York Journal- American 1943, print of Madison plant, photos of Louisiana Purchase Exposition awards, 1 photo of one of the Madison buildings. (3 glass negatives of LPE photos removed)

10. Madison Plant Buildings, Offices -Historical

Photos of Buildings, offices, managers and a few workers, with captions, 1 envelope with 6 negatives, 1 envelope with 7 negatives, 1 envelope with 2 negatives of Madison plant interior (no prints).

lOa. Historical -Madison

Clippings and press releases on sale of Madison plant, dinner program -50th anniversary for Thomas A. Dooley.

11. .H. Combat Tanks -Assembly St. Charles Plant Prints of tank assembly line, 1 negative.

12. H. Hospital Unit Cars -Publicity, St. Charles, Missouri Floor plan of hospital unit car, press releases

13. H. St. Charles -Hospital Unit Cars

Memos and correspondence re conversion of hospital cars, historical record "A. memo of St. Charles plant, clippings of various wartime St. Charles plant products; including Motorailers, tanks, and hospital cars.

14. H. Hospital Cars -Action, Korea 5/55

Photos of Korean war with emphasis on rail stock.

15. H. Hospital Cars -St. Charles, Missouri May 1954, U. S. Government Transport Corps -Photos of ACF built kitchen, dining and storage cars, ambulance personnel cars and hospital cars.

16. H. Hospital Cars -Action News Services

1 clip from New York Times, several photos of hospital cars in use from both WWII and Korean. 4 negatives.

17. St. Charles Plant -Hospital Unit Cars

Photos of workers in plant building cars, shoveling coal, etc., 1 envelope with 10 negatives, 1 envelope with 20 negatives, and prints of inspection tour of cars.

18. Historical Plants -St. Louis Plant and Foundry

Ms of article written by Louis Wynne Martin, "St. Louis and The Railway Equipment Industry" dated April 9, 1941. Summary of development of St. Louis ACF plant.

19. H. Exhibition Hospital Unit Cars -Denver, Kansas City, Omaha Lot 2733 h -Photos of exhibition of cars, with captions.

20. H. Exhibition -Hospital Unit Cars -St. Louis Lot 2733
Photos of exhibition. 2 negatives.

21. H. Exhibition -Washington -Hospital Unit Cars Lot 2733
Photos of cars, exhibition, Chairman Hardy and Army press. Unattached captions.

22. Hospital Unit Cars -St. Charles, Missouri Lot 2733 Photos of company and army officials in front of cars.

23. St. Charles -Historical File

Copies of St. Charles Daily Banner News, Bicentennial issue, 2 photos from St. Charles Historical Society of first locomotive in St. Charles (c. 1856) and early group of ACF workers and managers; St. Charles Bicentennial Program Book, ACF Aircraft Division facility brochure.

24. Shippers History 6

2 copies historical memo on Shippers Car Line; resume of Portland plant; 1y:l: -press release -Shippers Car Line Division: A Business with More than 34169

"Plants"; press release Shippers Car Line Division ACF Milton, Pennsylvania plant, prints of primitive tank cars.

25. Amcar -Historical File

Memo, ACF History in Brief.

26. Color Photos

Color photos of passenger cars built in St. Charles in 1950's -publicity action shots.

27. Misc. Railroad Pictures -Passenger Cars Built at St. Charles late 1940's early 50's; Photos, construction and action shots, 1 negative hospital unit car.

28. St. Charles Story

Shots of St. Charles homes, misc. St. Charles (city) historical pamphlets

Collection #30, Box #3

1. H. ACF St. Louis Foundry

Press releases and clippings re foundry's safety record. Memo re magazine references.

2. H. ACF St. Louis Plant

Photo c. 1907 of workers (with negative); prints of St. Louis plant, car repair shops, casting and wheel foundry; memos re exploitation of tank building programs, and kitchen cars in advertising. Press releases and clippings. Memo re historical record of St. Louis plant during WWII.

3. H. Historical Wrecks -(A. E. Ostrander File)

(Photos and clippings of wrecks with letters to St. Louis plant.

4. H. ACF Terre Haute Plant Print of Terre Haute Plant
Print of Terre Haute Plant

5. Historical -Wilmington Plant History

Memo on phone interview with former Wilmington employees, letters, copy of "Boating" article on old Wilmington built yacht, copy of specs of yacht.

6. Wilmington Plant

Copy of Delaware State archivists report of 1951-1952. Memos and correspondence re disposition of records of Wilmington plant after sale in 1953.

7. H. ACF Wilmington Plant

1 photo Jackson & Sharp plant, 1 print Wilmington ACF plant; correspondence and memos re war products, advertising, etc. 1 letter with excerpt from diary of Job Jackson telling how he formed Jackson and Sharp shops in 1863.

8. H. ACF Wilmington Plant -History Commendatory Letters .

"Review of Naval Ship Building in Wilmington Delaware During WWII", "History of ACF Wilmington plant in WWII", other brief summaries of ACF - Wilmington and Jackson and Sharp history. Memos, correspondence and clippings re wartime activities at ACF -Wilmington. 1 memo with quote from diary of Job Jackson in 1863 re founding of Jackson & Sharp Shops.

9. Envelope with Misc. Photos and Negatives

Both wartime and turn of the century photos. 16 negatives.

10. Wilmington Boat Catalog Excerpts

Xerox copies of parts of boat catalog.

11. H. ACF Wilmington Plant -Publicity

Clippings and press releases of WWII activity.

12. H. ACF Wilmington Plant -Navy "E" Award

Clippings, press releases, house and navy publication re "E" award and ship launchings, etc. Correspondence re presentations ceremony.

13. H. ACF Wilmington -Tank Lighters

Correspondence and memoranda on publicity of tank lighters.

14. Wilmington

Photo of ship

15. H. ACF Wilmington Plant -Army-Navy "E"

Photos of Army-Navy "E" award ceremony. 7 negatives.

16. Color Photos -From File 15

3 color photos of WWII ship launching ceremony.

17. H. ACF Wilmington Plant -Landing Craft

Action photos of ACF built landing craft. 12 negatives.

18. H. ACF Wilmington Plant -Launching
Photos of ship launchings, with captions. 4 small negatives, 3-8x10 negatives.
19. H. ACF Wilmington Plant -Misc.
Photos of shipyard, preparations for ceremonies, honor rolls, etc. 6 small negatives, 1 photo of J&S built postal car for 1893 Columbian Exposition, photos from ACF catalog, etc. 5 large negatives
20. H. ACF Wilmington Plant -Mortuary Car, 2 photos
21. H. ACF Wilmington Plant -Pontons
8 negatives and action and construction shots of pontons. Press release on pontons
22. H. ACF Wilmington Plant -Salvage Boats
Construction & launching photos. Several views of completed vessel. 3 negatives.
23. ACF Wilmington Plant -Sub Chaser
Photos of sub chaser at various speeds and with launching
24. H. ACF Wilmington Plant -Net Tenders -
Photos of net tender in action, under construction and at launching. 7 negatives
25. H. ACF Wilmington Plant -Minesweeper
Photos of minesweepers. 5 negatives. ,
26. Woodwork -Wilmington
Catalog material, advertising copy for woodwork, 1 memo re order for Brooklyn church of our Our Lady of Guadalupe.
27. Book 1 -
Photos of shipment of railway cars being loaded on freighter, rail trucks, misc. dry ice containers for various customers
28. Book 2 (On Label #23)
Interior and exterior shots of 70', 42' and 54' cabin cruisers, construction progress photos of 38' cabin cruiser.
29. Book 3 (On Label #6)
Shots of architectural woodwork in residences, Princeton University, University of Delaware, Wilmington Public Library, and other places. Construction shot of Staircase, misc photos of various types of work with Wilmington Chamber of Commerce on R. back.
30. Book 4 -United States Navy -Bureau of Ships Ord Lot #141 Minesweepers B4MS 31-36, Progress Photographs. -
Progress and launching photos of ships in this group.

Collection #30, Box #4

1. Ord #42 -45' Steel Tank Lighter Photographs Interior and exterior shots mounted in book.
 2. Quartermaster Corps -War Dept. -Ord Lot #121 40 -50' Steel Truck Lighter. Progress photographs. Photo of interior and exterior and packaging for shipping.
 3. Photo Book
Photos of construction and structural details of Ord lot 29 -45' tank lighters
 4. Photo Book
Same photos as above plus photos of trial run and completed vessel.
 5. Photo Book -Shipyard Lot #707 -65'6" Diesel Steel Tug Boat (1938) .Construction photos and completion photos.
 6. Photo Book -Yacht Lot 557 (1923)
Construction and completed interior and exterior views
 7. Photo Book -Yacht Lot 557 (1921 -1923)
Complete progress photos.
 8. Photo Book -Yachts Lots 611, 612 (1925)
Progress photos.
 9. Photo Book -Dump Scows & Barges, Photos and blueprints for scows, ledger sheet with costing on dump scow orders; lots 434, 455, 469, 470, 476, 480, 481, (1913 -1915), Lots 554, 556 (1921), other dump scows lighter orders 1923-1930
 10. Photo Book -Sub Chasers
Completion, launching and progress photos of sub chasers, 1917.
 11. Photo Book -Ord #292, U.S. Navy 122 Tank Lighters LCM(3) - Completion photos.
 12. Photo Book -Ord Lot #113-2 183' Wooden Salvage Vessels ' Construction, completion, launching photos
 13. Photo Book -"Photos taken by Mr. J. H. Connaway of various lots August 18 & 19, 1943 Misc. construction photos.
 14. Jackson & Sharp -ACF Wilmington Misc. Historical File i Business cards, clippings, letters, payroll record; photos of Wilmington plant in use by various tenants 1948-1953 with negatives.
- Rest of Box filled with Jackson & Sharp contracts (undescribed).

Collection #30, Box #5

Box filled with uncataloged Jackson & Sharp legal records

Collection #30, Box 6

1. Print of Berwick plant.
2. Historical and biographical annals of Columbia & Montour counties, Pennsylvania 1915 Excerpts -Xeroxs of sections of book dealing with ACF and Berwick, Pennsylvania predecessor company, Jackson & Woodin.
3. Berwick Historical Society 100th Anniversary of Founding of Berwick Plant .Correspondence with Berwick Co. Historical Society.
4. Berwick Historical Society 100th Anniversary of Founding of Berwick Plant 2 copies of Berwick Enterprise 100th anniversary issue, Commonwealth of Pennsylvania Department of Internal Affairs Journal Volume 8 #7w., "Berwick Car Works Centennial"; 1930 census report on Pennsylvania.
5. Subway Car Photos and Daily News Story of NYC Flushing Line (1948)
6. Booklet "Official Inspection by Hon. William O'Dwyer of NYC's First Postwar Subway Car (1948)
7. Booklet "The Story of Berwick 1786-1936"
8. Xerox of Jackson & Woodin article -above booklet
9. Looseleaf notebook with pictures a caps "This is Berwick, Pennsylvania ACF"
Photos of plant and products.
10. Looseleaf notebook re ACF scrapmetal collection
11. Looseleaf notebook re ACF scrapmetal collection
12. Historical Berwick -Nazi Flag
Correspondence re presentation of captured Nazi flag to Berwick plant. Photos of flag on display. 1 negative.
13. Historical Files -Berwick Enterprise Fifty Years
Clippings of ACF Berwick, W. H. Woodin obit, etc., photos of various pages of Berwick Enterprise ranging from 1904 -1949. negatives.
14. Historical Records -Berwick Plant Old Photo 1 print, 1 negative of print of Berwick plant.
15. Historical Berwick Plant -Biographical data for Army Ord. Charts, graphs, 'L ' short press release articles on production at Berwick with emphasis on WWI ordinance production.

16. Historical -Berwick Plant -Tanks, Combat
Correspondence re advertising uses of tanks. Clippings, 1 transcript in New York Railroad Club Office Proceedings of presentation of tank production at Berwick.
17. Historical Berwick Plant -Commendatory Letters
Correspondence re commendations, bib of magazine articles on ACF Berwick.
18. Historical Plants -Berwick
Notebook from Jackson & Woodin Co. (blank in envelope) clippings, press releases, 1947 memo on Berwick plant history.
19. Historical -Berwick Plant History
Milestones in history of Berwick plant, memos, historical record of the ACF Berwick plant WWII -2 copies 1 draft copy.
20. Historical Berwick -Publicity Clippings Clippings and news releases re WWII.
21. Historical Berwick Plant -Publicity Talks
Clippings, press releases, manuscripts of speeches by company officials on aspects of war work.
22. Historical Berwick Plant -Russian Mobile Units
Clippings, etc. re mobile electrical generators mfg. in Berwick and shipped to Russia.
23. Historical Berwick Plant -Tanks 1000R, 2000R, 15224R (last)
Correspondence and publicity re ceremonies for Russian tanks.
24. Historical Berwick Plant -ACF Song
Correspondence with music publishers re ACF songs for various plants, especially Berwick.
25. Historical Berwick Plant -Biographical Data for Army Ord.
Charts, graphs and press releases. Map of Berwick plant site.
26. Historical Berwick Plant -Tractors
Correspondence and memos re photos of Caterpillar tractors built for Corps of Engineers. Some correspondence with Army officer in charge of production program.
27. Historical -Berwick Plant -Commendatory Letters
Letters commending ACF products from various officers and civilian officials in War and Navy departments
28. Historical Berwick Plant -Women in Production
Photos and signed releases of women workers on the job. Photos of tanks being tested and inspected by officials.
29. H. ACF Berwick Plant -Tanks Middle East, China-Burma-India, Phillipines Photos of Stuart tanks in action. 13 negatives

30. H. ACF Berwick Plant -Tanks -U.S. Signal Corps

Photos by Signal Corps of tanks being shipped, on maneuvers, etc. Includes photo of Gen. Geo. Patton with his personal Tank. 11 negatives

31. H. ACF Berwick Plant -Tractors and Bulldozers (Action)

Photos of tractors and bulldozers in action. Clippings. 14 negatives

32. H. ACF Berwick Plant -Tractors "Machinery" Magazine

Photos of machinery.

33. H. ACF Berwick Plant -Tractors and Bulldozers

Photos of caterpillars, tractors and plant mangers, workers, etc. Clippings.

Collection #30, Box #7

1. H. ACF Berwick Plant -Tanks -Sicily, France, Italy Tanks in action. 12 negatives

2. H. ACF Berwick Plant -Tanks -Russia, Yugoslavia Tanks in action. 5 negatives.

3. H. ACF Berwick Plant -Tanks -Guadalcanal, Solomons, Bouganville, Saipan Tanks in Action. 6 negatives

4. H. ACF Berwick Plant -Tanks -New Guinea, Bismark Island Tanks in action. 9 negatives.

5. H. ACF Berwick Plant -Tanks -Marshall Islands, Aleution Islands Tanks in action. 5 negatives

6. H. ACF Berwick Plant -Tanks -International News Service Tank construction shots, with workers.

7. H. ACF Berwick Plant -Tanks -Kodachrome 1 color negative

8. H. ACF Berwick Plant -Tanks -"Machinery" Magazine Photos of machinery and tanks in production.

9. H. ACF Berwick Plant -"Night Patrol" Photos of plant guards and dogs.

10. Historical ACF Berwick Plant -Police Women

Photos of police women employed at plant to supervise behavior of female employees. 1 negative.

11. H. ACF Berwick Plant -Tanks -Test Run

Photos of tanks being tested on obstacle courses. 1 negative.

12. H. ACF Berwick Plant -Tanks -Germany, Belgium

Tanks in action. 4 negatives

13. H. ACF Berwick Plant -Tanks -England, Ireland, Brazil, New Zealand

Tanks being unloaded, on parade. 6 negatives.

14. H. ACF Berwick Plant -Tanks -North Africa, Western Desert

Tanks in action. 16 negatives.

15. H. ACF Berwick Plant -Tanks -Production

Shots of tanks on assembly line.

16. H. ACF Berwick Plant -Tanks -Suspension Unit

3 photos of tank suspension unit. 1 broken down and labeled.

17. H. ACF Berwick Plant -Tanks -Turret

Shots of turret assembly line, installation, etc.

18. H. ACF Berwick Plant -Tanks 1000R.

Photos of presentation ceremony of 1000R tank. 3 negatives.

19. H. ACF Berwick Plant -Tanks 2000R.

2000R tank with people.

20. H. ACF Berwick Plant -Tanks 14000R.

14000R. tank, brass plate on side, people.

21. H. ACF Berwick Plant -Tanks 15,224R (Last)

Photos of last tank, group shots, misc. tank photos. 14 negatives.

22. Ring-bound Notebook, "Progressive Stages of Construction of Tank Destroyer" L. L. Snyder -Photos.

23. H. ACF Berwick Plant -Tank -Acme

Photos by Acme of tank production and inspection trips.

24. H. ACF Berwick Plant -Tanks -M3A3 (Snyder)

Photos of tanks in production and being tested. 4 negatives

25. Berwick Misc.

Clippings.

26. H. ACF Berwick Plant -Tanks -Negatives for Slides (F. A. Stevenson Talk) 22 negatives.

27. H. ACF Berwick Plant -Tanks -Construction Details

Photos of assembly lines, construction of tanks, workers.

28. Berwick -Machines

Photos of machines and workers at Berwick plant.

29. H. ACF Berwick Plant -S. W.O.C.

C Photos of signs stating SWOC and USW anti-strike pledge.

30. H. ACF Berwick Plant -Tank -Progressive

Photos of tanks still and on test course. 7 negatives.

31. H. ACF Berwick Plant -Tank Destroyers

2 photos of tank destroyers, with captions.

32. H. ACF Berwick Plant -Armor Plate

Photos of fabrication of steel armor plate, action shots of half tracks, charts of armor plate production and rejections. 2 negatives.

33. Bombs -Berwick

Photos of fabrication and stacks of bombs.

34. H. ACF Berwick Plant -Russian Cars (Acme): Photos of cars, inspection tours by U.S. Officers, Russian officers, Handy and other company officials, Brochure of "ACF 3000 KW Mobile Steam Power Plants for USSR."

35. H. ACF Berwick Plant -Russian Cars (General Electric) - Photos of cars, interior of power plant, American, Russian and ACF officials, 8 negatives. Brochure "Presentation of 1st 3000 KW Mobile Steam Power Plants for USSR".

36. H. ACF Berwick Plant -Russian Cars

Construction and shipment shots. 1 set drawings.

37. H. ACF Berwick Plant -Scrap Iron

Press release and photos of plant.

38. Tanks Combat -Berwick

Photos of construction of tanks, assembly line.

39. H. ACF Berwick Plant Army-Navy "E"

Photos of presentation ceremony.

40. H. ACF Berwick Plant -Tank -Assembly Line, Shipment

Photos, self-descriptive.

41. Berwick

Photos of machinery, assembly lines 1440-45. 3 prints of ACF Berwick plant, Rolling mills and forge department, wheel foundry; steel car plant; car shops and casting and pipe foundries. 1 photo of workers, no date but probably turn of century.

Collection #30, Box #8

1. Milton

"The Tank Car Story -Past to Present" talk by C. E. Reedy; "History of the Milton Plant" (2 pp 1972), ACF Horizons, 1966 -Photos and blurb. "Here and Now" supplement to Milton Standard, March, 1974.

2. Blue Cardboard Folder

Copy of "Here and Now" supplement with prints of photos used.

3. Milton Sesquicentennial

Correspondence of O. Fox and H. Folk re Milton history, copy of Sesquicentennial edition of the Milton Standard (June 19, 1967)

4. Albuquerque Division

Copies of brochure re functions of Albuquerque plant.

5. Albuquerque Division -Photos

Black and white photos of various phases of work at Albuquerque plant. Photos of ACF Albuquerque security system for house organ story.

6. ACF Albuquerque Color Photos

Photo of ACF Albuquerque plant, photos of equipment and machinery.

7. Albuquerque Division -ACF News

ACF News 1957 -1967, 10th anniversary address by W. T. Taylor, ACF Albuquerque division brochures (3), program of testimonial dinner for Sen. Clinton Anderson (New Mexico), 1965.

8. Albuquerque -Local News Releases 1964 -1967

Copies of press releases or clippings. .

Collection #30, Box #9

1. American Welding Co.

Correspondence and memoranda re P.R. and closing of plant, announcement of appointment of M. A. Cornish as manager during WWII.

2. H. American Welding Co.

Memos re war products, "E" award, clippings re wartime activities, article on "Fabricating Pressure Vessels" (1930).

3. H. American Welding Co. -Army-Navy "E",

Photos of ceremony and award. 1 negative.

4. ACF Welding Operations -Passenger Cars

Progress photos of car welder. 6 negatives.

5. American Welding Company -Morison Furnaces

Photos of furnaces (cutaway and construction shots), photo of plant (Carbondale, Pennsylvania) shortly before closure in 1945. 5 negatives.

6. American Welding Co. -Historical Material

Programs and invitations to Army-Navy "E" award ceremonies; reprint of "Fabricating Pressure Vessels" Clen & Met July 1930; Brochure -"High Pressure Tanks" describing Forge welding techniques and A. W. Co. plant; *r* Morison Corrugated Suspension Furnace Bulletin #100 (1941), Bulletin 2701 (1930); Rowland Containers (pressure containers) Bulletin 2002 (9134), #2901 (1930); Storage Containers Bulletin 3003 (1930).

7. Avion Product Catalog

Avion product brochures. Letter of recommendation for and article about lab foreman John Leeble.

8. Avion Press Releases

Press releases 1957 -1959, product brochures.

9. Photographs -News -Avion

Photos of products and workers, some with captions. 6 negatives.

10. ACF Brill -Annual Report 1944 -Brill &: Hall-Scott, Literature &: History Brill 1944 annual report, drawing of 600 passenger bus (c. 1942), ad from "Yachting" magazine for ACF cruisers, "Hall-Scott and R. Fairmik" (British PT-type boats), "100 Years of Transit Progress" Mass Transportation September 1951; "Hall-Scott Marine Engineers Aid Invasion and Defense" Machinery, September 1942.

11. .Carter

Background memo on Carter CarburMtor Corp.; address (1957) by Charles Heitman; Sales and Service Summary (1936 -1952); "Remarks by A. C. Korte as Spotlight Speaker" 1964 -includes pictures of old Carter - Carburetor factory, new plant, list of contents of Carter Carburetor Oil Carburetor museum, article re Will Carter, copy of "Carter Means Carburetors" by P. G. Sedley, misc. photos from Korte talk. 1 negative. Photos of Carter plants (with captions) some Carter machines, assembly line (shots; well preserved copy of Scientific American, December 23, 1899.

12. History ACF, Carter, St. Charles

Souvenir programs, opening of Carter Lafayette, Tenn. and Sanford, North Carolina plants; leaflet -ACF a St. Charles Tradition; ACF Horizons Fall 1965, "The Carter Story"; 18 page memo "What is ACF".

13. H. Carter Carburetor Corp.

Reprint of "Shell Fuzes by the Million", American Machinist, July 23, 1942; memos re wartime production, copies of Sales and Service Summary.

14. Carter History by B. G. Gross

Ms History of Carter Carburetor Division

15. Carter Fuses

Photos of workers mfg. fuses.

Collection #30, Box #10

1. Brochure -"Capabilities and Experience in the Nuclear Field", Nuclear Products, ERCO Division

2. Photographic brochure of ERCO plants and products

3. ERCO Line of Machinery Products

Pamphlets describing automatic punching and riveting machines, sheet metal forming of flanging machines, and machine tools.

4. ERCO Division Publications

Pamphlets, brochures on nuclear capabilities, simulators, stretch presses, technical and manufacturing capabilities in nuclear products and machinery products.

5. Photographs -Plant -ERCO

Photos of Riverdale, Maryland plant, workers and machine.

6. ERCO Plant Photos -Color

8 mounted color transparencies of above photos.

7. Brochure -"Nuclear Reactors ACF"

8. Nuclear Products -ERCO -Literature

Clippings of trade publication advertisements, Nucleonics Markets March- April 1959, brochure "Production Facilities" ERCO, Memos on Advertising of ERCO products.

9. ACF Electronics Catalogs

Catalogs for ACF ERCO products. Similar to Items 3 & 4.

10. ACF Electronics News

Copies of house organs March 1963 -January 1964

11. ACF Electronics -Photos

Photos of products, workers, plants.

12. Color transparencies of some of above shots.

13. ACF Electronics Division -Magazines

Advertising brochures and product pamphlets.

14. Advertising Photos -Oversize

Photos of model with RTIC General Navigation Pictorial Display

Collection #30, Box #11

1. Peninsular Plant -"Methods Employed in the Manufacture of 10" Common Steel Shell, MKII"

2. "ACF -Manufacture of 7.2 Projectiles", Buffalo 1943 Bound volume of photos with captions of ACF Buffalo plant employees, detailed photos of production process and equipment.

3." ACF -Manufacture of 14" M.C. Projectile", Buffalo 1945

Bound volume of photos of production process for 14" Navy shells.

4. "ACF -Manufacture of 155 mm M-I02 Shell Forgings", Buffalo 1943(?)

Bound Volume of photos describing production process.

Collection #30, Box #12

1. Polymer Corporation -Annual Reports since 1956

Reports 1956 -1973, the Polymer Corp. "Two Decades of Progress 1946- 1966."

2. H. -Flat Cars -Government

Photos of plant, action photos of flat cars, shipment of cars, inspection of cars by Russian and U.S. officers. 3 negatives.

3. H. -Foreign Cars

Pamphlet -"Railroad Equipment Speeds Aid to U.S.S.R." by Col. John A. Appleton, T .C.

4. Locomotive Transport

Photos of transport built for U.S. Government. Transports were meant to move narrow gauge locomotives. 1 negative.

5. Publicity -Locomotive Transport Cars (Clippings and press release.

6. H. -ACF Wheels

Action and progress photographs of wheels built by ACF. 5 negatives

7. H. Philadelphia Ordnance Exhibit

Photos of exhibits, children viewing them, etc. 3 negatives.

8. "Mobilization Planning Study for Rocket 762 mm M31" Honest John"

9. Photos of St. Charles Plant and Products of Detroit Arsenal

Photos of St. Charles plant, mfg. of aircraft fuselages, and Army photos of vehicles built at Detroit Arsenal.

10. "Ordnance for Victory"

Publicity photos and clippings from exhibit in Philadelphia and correspondence re exhibit.

11. American Car and Foundry Company's War Activities Publication describing ACF products from WWI.

12. Cost sheet; 1931 -Cost sheet describing cost per ton of product for ACF foundries broken down by plant.

13. "Food"

Nutritional handbook distributed to ACF employees. .n.d.

14. Historical Records -Berwick, St. Louis, W-K-M 1962 Correspondence with Joe Saunders (ACF corporate department of public relations) by Henry Bender, Jr. re ACF historical photos, press releases- "Valve Industry Said Prepared For Technical Demand of Next Decade", "WKM Valve Division ACF Industries, Inc." , "ACF Industries, Inc. 1899 -1955", "Business and Properties of ACF Industries, Inc.", "What is ACF"; Information sheet "Background of ACF Industries, Inc.", address by Wm. Taylor, Chairman of Board ACF, 10th Anniversary of Albuquerque division.
15. ACF Products October 10, 1931
Xerox of "List of Misc. Products Mfg. by ACF Co. and Assoc. Companies" 1931
16. 750 Third Avenue
Photos, interior and exterior of ACF Corporate offices.
17. Historical Records-Corp.
Correspondence re contracts and disposition of corporate historical records and photograph files
18. Publicity- ACF, What Is
Copies of drafts of p.r. summary of company history, copies of periodicals with ACF references
19. Background -Corp. (Address by Pres. James F. Clank; "ACF's Story of Diversification (1966); "" "ACF Industries Enjoying 65th Year as a Leading Independent Car Builder"; memo, 1930, re ACF consultant companies; ACF Incorporation papers (New Jersey 1899); "ACF in St. Charles" (final and draft); memo re Carter Carburetor history; press releases re Albuquerque and Riverdale plants; report by Fellowes Davis & Co. on ACF, 1930; "Birth and Growth of Carter", A. C. Korte presentation on Carter Carburetor at ACF marketing meeting 1965 by C. L. Thompson; brochures "Trains of Yesterday", "The Hagley Museum"; ACF Aircraft Division Facility Brochure; 1945 memo on freight car capacities of various plants; memo 1963 Milton plant statistics; "Brief History and Origin of Tank Car Leasing Companies", proof of newspaper feature "ACF Salutes Cabell County"; "Carter Opens New Front in Anti-Smog War"; 1953 radio speech by C. J. Hardy, Jr. re Huntington and ACF. "ACF- Yesterday, Today and Tomorrow", misc. clippings; press releases re name change and acquisition of Kerotest Mfg. Co.; Sections on W. K. Bixby from National Cyclopedia of American Biography.
20. Background "Historic Cars of The Seashore Trolley Museum" with notations of ACF cars on cover; American Cynamid Co. historical brochure; reprint from ACF Transportation News (1928); Products Mfg. by ACF Co. and Assoc. Companies, Carter Carburetor advertisement; products of J. G. Brill, American Car Company, G. C. Kuhlman Car Company, Wasm Mfg. Company; Rowland containers bulletins, slide talk script given by J. F. Burditt on ACF history (1966); speech by Wm. Taylor at Huntington, West Virginia Chamber of Commerce; "Background on Carter Carburetor Division"; ACF:

Transportation and Energy; Xerox copies of articles on company history - ACF house organs; story on Polymer; addresses by Chairman Taylor before Washington D.C. Society of Investment Analysts, (1961) and St. Louis Society of Financial Analysts (1963); major products of Carter Carburetor Department, 1930 memo "Account of Activities of ACF Motors Company. II

21. Presentation of AMA Conference on Mergers and acquisitions, 1956 22. Advertising and Publicity -ACF History Letter of commendation on Stuart tanks, memos re collection of plant histories and historical materials 1906 -1950. Correspondence of W. K. Bixby, Robt. Scott (Hall-Scott); George Mand (Asst. Secty. ACF); with F. A. Stevenson, Hugh H. C. Weed (Carter Carburetor, other division deads c. 1930)
23. Fortune -July 1930 "ACF" Xerox of article on ACF
24. Publications -National Cyclopedia of American Biography . Correspondence re biographics of ACF officials for NCAB.
25. Historical Records -Advertising and Publicity
Memo from Joseph Snyder recounting ACF historical an dotes related by- retired employee; page from book kept by receptionist in 1 15. 26. Portraits of ACF Company Officials ((Probably miscaptioned.)
27. William H. Woodin
Biographical sketches and clippings, photo and negative.
28. Frederick A. Stevenson
Press releases and clippings re Stevenson
29. Charles J. Hardy, Jr.
Obits, Fortune article, New York Times profile, background bio. memos, photos {include testimonial dinner}. 7 negatives.
30. Charles J. Hardy, Sr.
Press releases, obits, photos, obit of wife, clippings. 1 negative.
31. Frederick H. Eaton
Biographical sketch, photos, 1 negative.
32. William K. Bixby Article on Bixby and Burns Club of St. Louis, correspondence re article, title page of ACF 1909 annual report. Obit on W. H. Bixby (W. K. Bixby's son) 2 photos.
33. Fee Interviews
Interviews with C. Allen Fee former Vice President and Secretary of ACF, employed 1915 -1965. Transcripts rough and edited, questions used, etc.

COLLECTION #31 -NEWS CLIPPINGS
2 Boxes 09 #A11,12

The origin of this collection is not known, and the condition of both the bound and unbound news clippings is bad. They must be handled with extreme caution.

COLLECTION #32 -OVERSIZE

Does not include OS lot books of collection #8. Collection principally includes renderings, photographs and advertising flysheets.

Located at - D16 #A3, A5, A6, B5&6
D17 #A3,4,5,6, B3,4,5,6
D28 #A5&:6, B5&:6

Collection #32

Shelf No. D16 #A3

Renderings of Train Interiors (48)

Collection #32

Shelf No. D16 #A5&:6, B5&:6

Payroll ACF, St. Louis Branch Car Dept. for Second Half of May 1899

Work Record - Lot No. 8387, July 1917
Chicago &: North Western Railroad
ACF -St. Louis

Collection #32

Shelf No. D17 #A3&:4, B3&:4

Account Book -Brill Corporation

News Clipping Scrapbook -ACF

Collection #32

Shelf No. D17 #5&:6, B5&:6

Passenger Cars Built by Predecessors of ACF

Freight Cars Built by Predecessors of ACF

Collection #32

Shelf No. D28 #A5&6, B5&6

73 Items - Mounted Pictures -Freight & Box Cars
Loose Large Pictures -Freight & Box Cars
Pkgs. of Air Brushed Pictures -Freight & Box Cars

Spiral Bound Book -Piping & Equipment -Diagram for General Electric Equipment R16

Box -Loose Photographs

Rolling Stock -Bound Together -1947-1949 (2 Copies)

Mich.-Penn. Car Co. -Official Payroll

Contact Print Book -PFI Series 648

5 Binders of Adds & Brochure Pages

COLLECTION #33 -PASSENGER & FREIGHT CAR PLANS AND DRAWINGS

1 Box S5 #10

An ad hoc collection, drawn from the scattered materials originally found in the Archive room. They are unindexed.

COLLECTION 1134 -PASSENGER AND RAPID TRANSIT CAR PROPOSALS

1948-1960

3 Boxes S5 #7-9

An ad hoc collection, drawn from the scattered materials originally found in the Archive room. These post-war design proposals include many hand-colored renderings. They are unindexed.

Collection #34, Box #1

1. Designs -Snack Bar
2. Designs -Gulf, Mobile &: Ohio
3. Designs -100-199
4. Designs -200-299
5. Designs -Lighting Unnumbered Loose Pictures
6. Designs -Great Northern Sketches
7. Designs -Southern Rail way
8. Designs -Southern Pacific
9. Rendering -Submarine
10. Designs -Union Pacific Railroad
11. Designs -Seaboard Air Lines -Kodachromes
12. Designs -Seaboard Air Line
13. Designs -St. Louis Transit Authority
14. Designs -Proposed Railway System for Bay Area Council San Francisco
15. Designs -Richmond Fredericksburg &: Potomac
16. Proposed Railway System for Bay Area Council Kodachromes
17. Designs -Railated
18. Designs -Pennsylvania

19. Designs -Nacionales De Mexico 6/24/56

20. Designs -New Haven Railroad

21. Designs -Norfolk & Western

22. Designs -Identification List

22a. Designs 400-499

23. Designs -523

24. Designs -300-399

25. Designs -Trailer Mast

26. Designs -Trailer Hitch

27. .Designs -Hi-Lead -Low Dome

28. Designs -Hopper Car

29. Designs -Inter-City

30. Designs -Kansas City Southern

31. Designs -Union Pacific

Collection #34, Box 2

1. Designs Unnumbered

2. Designs Louisville & Nashville

3. Designs Massachusetts Transit

4. Designs Missouri Pacific

5. Designs Talgo (New Haven)

6. Designs Union Pacific Kodachromes

7. Pennsylvania Railroad (Stats & Negs) Construction Sequesnce -Proposal date 2/1/61

8. Traveler Negatives

Collection #34, Box 3

Contents unindexed.

COLLECTION #35 -PASSENGER CARS

3 Boxes D4 #A4-6

An ad hoc collection, drawn from the scattered materials originally found in the Archive room. Most of the material relates to pre-war and immediate post-war streamline passenger cars, the self-propelled "Motorailers" of the immediate pre-war period, and post-war material on the future of the passenger train in the USA. A report on passenger car building activities at St. Charles is contained in Box 1.

Collection #35, Box 1

1. Missouri Pacific "Eagle"
2. Report on American Car and Foundry Company Passenger Car Plant -St. Charles
3. ACF Industries, Inc. -Railroad Passenger Cars -Sales Conference
4. Passenger Cars -Double Deck Commuter Cars
5. Railroad Car Advertising -Passenger Cars -1932
6. Blueprints -Suburban Car Trains
7. Story of "Duco" Finishes
8. Paint Spray Booths
9. Paint Catalogs
10. 2 -DuPont Recommendations for Finishing
11. American Car & Foundry -Proposed Design for Standard Coach -1923
12. Model Analysis -Passenger Car Side Frame

Collection #35, Box #2

Motorailer (Streamlined, Self-propelled Passenger Cars) -1930's -1940's

1. Diesel Motor Trains 2. Motorailers

3. Bugatti Railcar- Railway Gazette Article

4. American Car and Foundry - Streamlined Passenger Trains

5. ACF Missouri Pacific Motorailer

COLLECTION #36 -PHOTOGRAPHS -ACF FACILITIES BY PLANT

Photo Boxes #131-136, D26 #B3-#B8

6 Boxes (Provenance Maintained)

Primarily a photographic survey of ACF's manufacturing facilities, made in the early 1950's, these files also contain some correspondence. Why these files were compiled, and who compiled them, is not known.

1. Facilities 1950's. General
2. Facilities 1950's. General
3. Facilities 1950's. By plant A-B
4. Facilities 1950's. By plant C-M
5. Facilities 1950's. By plant M-Z
6. Facilities 1950's. Box car testing photos, product development and manufacturing photos, maintenance of way products photos.

Collection #36

Box #3 - A-B

1. Adapto &. Lodapto Materials Handling Show
2. Adapto Materials Handling Show -Photographs
3. Flat Cars Adapto Rock Island Convert -A -Frame 10/56
4. Plants -Aerial Photographs -Berwick, Mil ton, St. Louis, Huntington, St. Charles
5. Berwick Facilities Adapto 1/56
6. Berwick Facilities Adapto Puerto Rico
7. Berwick Facilities Bridge Girders &. Bearings C. D. Perry &. Son
8. Berwick Facilities Bridge Girders
9. Berwick Facilities Gondolas '51
10. Berwick Facilities Defense Products (Thiokol Rocket Engine Case)

11. Berwick Facilities Gantry Truck
12. Berwick Facilities Bridge Bearings Franklin Contracting Co.
13. Berwick Facilities Cargo Units (Swift)
14. Berwick Facilities Hopper Cars Lot 3087
15. Berwick Facilities Laboratory 1955
16. Berwick Facilities Roadapto
17. Berwick Facilities Roof Rotators
18. Berwick Facilities Shell Plant
19. ACF Shell Line (Visit) Student Group From Aberdeen Proving Grounds
20. Berwick Facilities Machines
21. Berwick Facilities Modernization Program
22. Berwick Facilities Morris Photographs
23. Berwick Facilities P.F.I. 5/56
24. Berwick Facilities Presses (Hydraulic)
25. Berwick Facilities Rail Anchors
26. Rail Anchors
27. Berwick Facilities Trailer Hitch 7/56
28. Berwick Facilities Special Products
29. Berwick Facilities Spot Welder
30. Berwick Facilities Steel Yard
31. Berwick Facilities Tool and Die Shop
32. Berwick Facilities Bridge Trusses Lot 48-5218B
33. Trailer Hitch (Model "2") (Test Car) Cushion Underframe
34. Box Car Rotator
35. Berwick Facilities Lodapto 7/20/ 56
36. Buffers
37. (On Top) Berwick Enterprise 175th Anniversary Edition June 1961

Collection #36

Box #4 - C-R

1. Containers (Malt) (Schwill)
2. Containers (Demountable) New York Central Flexi-Van Service
3. Carter Carburetor Division Carburetors
4. Fleex Crushing Unit
Gondola -See Berwick Facilities
5. Huntington -Electronic Core Ovens
6. Huntington -Machines' 52
7. Berwick -Rascal Trailer
8. Huntington -Hopper Cars (C&O)
9. Huntington Machines -Machinery, Operations Prior to 1952
10. Huntington -Roller Bearings 12/53
11. Huntington -Wheel & Axle Shop 12/53 See Also Roller Bearings
12. Incinerator Facilities
13. Milton -Nickel Clad Construction
14. Milton -Giant Planer
15. Milton -Machines 1952
16. Milton -Special Products
17. Milton -Construction (2) 1951 Tank Cars Bruce Nett
18. Milton -P.F.I. 5/56
19. Milton -X-Ray Testing
20. Mil ton -Stress Relieving Ovens
21. Mil ton -Jumbo Dry Ice Liquefiers
22. Milton -Welded Seams
23. Milton -X-Ray Testing 5/55
24. Milton -Welding Tank Cars 1950 T .C. 3448
25. Milton -Construction (1) 1946 -Tank Cars

26. Milton -Drawings for Catalogs 1953
27. Milton -Valves Tank Cars Anchor, Safety
28. Mil ton -Underframes
29. Milton -4,000 Ton Hydraulic Press
30. Milton -Dome Pressing Operations
31. Milton -Special Products
32. Milton -Construction Tank Cars
33. Railway Express Refrigerator Cars Lot 3175 (Chicago)
34. Rail Cleaning Process

Collection #36

Box #5 -S-Z

1. St. Charles -Portable Paint Spray Booths CC
2. St. Charles -Press 3/55
3. St. Charles -Roof Gantries
4. St. Charles -Facilities
5. St. Charles -Sand Blast Building
6. St. Charles -Passenger Car Construction (L&N) '46
7. St. Louis Car Plant Machines
8. St. Louis Foundry Machines
9. St. Louis Car Plant Modernization of Plant
10. St. Louis Car Plant Paint Shop
11. Stenciling Facilities
12. Trailer Hitch Construction Model 2
13. Trailer Hitch (Chicago Pneumatic Wrench)
14. Trailer Hitches (Competitive)
15. Trailer Hitch (Pullman)

16. Welding Shops

17. Box -Trailer Hitch Presentation (Negatives)

COLLECTION #37 -PHOTOGRAPHS -AIRCRAFT FUSELAGE CONSTRUCTION

1 Box, S22 #11

An ad hoc collection, drawn from the scattered materials originally in the Archive room. Fuselage construction took place in the St. Charles plant during the 1950's under a sub-contract, but little is known of the activity. The folder of booklets to be found in this box is of little help in understanding the nature of this work.