

Reactor 1950

April 1950 Reactor

May 1950 Reactor

June 1950 Reactor

July 1950 Reactor

Aug. 1950 Reactor

Sept 1950 Reactor

Oct 1950 Reactor

Nov 1950 Reactor

Dec 1950 Reactor

10/49-1/50 Petal

Jan 1950 Reactor

Feb 1950 Reactor

Mar 1950 Reactor

2/48-6/49 Private

April 1950 Reactor

Date	Caption	Dept.	Photographer	Number
1-4	Details of Air Ducts.	W. Scully	J. F. Garfield	A 1-1-0 thru A 1-5-0
1-23	Details of Air Ducts.	W. Scully	J. F. Garfield	A 1-6-0 thru A 1-10-0
1-30	Interior Ducts.	W. Scully	J. F. Garfield	A 1-11-0 thru A 1-16-0
1-30	Interior Ducts	W. Scully	J. F. Garfield	A 1-17-0

May 1950 Reactor

Date	Caption	Dept.	Photographer	Number
2-10	Console of Pile.	Pile	R. J. Walton	A 2-1-0
2-16	Plugs for shield of Pile.	Reactor GInman	R. J. Walton	A 2-2-0 thru A 2-6-0
2-24	Helium tubing specimens after heat test.	Reactor WWarner	R. J. Walton	A 2-7-0 thru A 2-10-0
2-27	Hole cut in test block. (re: Pile).	Nicholson	R. J. Walton	A 2-11-0 and A 2-12-0
2-6	Helium testing apparatus for control rods of Pile.	Reactor WWarner	R. F. Smith	A 2-13-0

June 1950 Reactor

Date	Caption	Dept.	Photographer	Number
3-6	Roof plugs for Pile.	Reactor GInman	R. J. Walton	A 3-1-0
3-6	Experimental hole on the ground floor, west aide of Pile.	Reactor GInman	R. J. Walton	A 3-2-0
3-6	Roof plugs for Pile.	Reactor GInman	R. J. Walton	A 3-3-0 and A 3-4-0
3-6	Heat testing helium tubes.	Reactor WWarner	R. J. Walton	A 3-5-0 thru A 3-9-0
3-15	Experimental hole #E-22.	Reactor GInman	R. J. Walton	A 3-10-0
3-15	Looking through experimental hole #E-22.	Reactor GInman	R. J. Walton	A 3-11-0
3-15	Experimental hole on ground floor, west side of the pile.	Reactor GInman	R. J. Walton	A 3-12-0
3-24	Heat reaction test on helium tubes.	Reactor WWarner	R. J. Walton	A 3-13-0 thru A 3-17-0
3-31	Interior northeast corner of pile interior between shield and membrane, looking up at shield cut away and showing tin parts over coil expansion spring.	Reactor WScully	R. J. Walton	A 3-18-0 and A 3-19-0
3-31	Cutout for cross-braces to be installed under bedplate of the pile.	Reactor WScully	R. J. Walton	A 3-20-0
3-31	Bridge at gap of the pile base.	Reactor WScully	R. J. Walton	A 3-21-0

July 1950 Reactor

Date	Caption	Dept.	Photographer	Number
4-12	Interior of expansion bellows of exit air duct after being cleaned.	Reactor WScully	R. J. Walton	A 4-1-0
4-2	Apparatus for Coefficient of Friction measurement. (end view)	Reactor JKarp	J. F. Garfield	A 4-2-0
4-2	Apparatus for Coefficient of Friction measurement. (front view).	Reactor JKarp	J. F. Garfield	A 4-3-0
4-17	Heat and velocity measuring devices.	Reactor Isakoff	R. J. Walton	A 4-4-0 thru A 4- 6 -0
4-28	Helium tube shaping tube in use.	Reactor Flseli	R. J. Walton	A 4-8-0 thru A 4-11-0
4-11	Lower end diagonal Shot Wells.	Reactor Phillips	R. F. Smith	A 4-12-0
4-11	Upper end diagonal Shot Wells.	Reactor Phillips	R. F. Smith	A 4-13-0
4-11	Shot Well Reservoirs.	Reactor Phillips	R. F. Smith	A 4-14-0
4-11	Shot Well Reservoir parts.	Reactor Phillips	R. F. Smith	A 4-15-0

Aug. 1950 Reactor

Date	Caption	Dept.	Photographer	Number
5-4	Start of broached cut east side - first key south of gap.	Reactor WScully	R. J. Walton	A 5-1-0
5-4	Start of broached cut east side - second key south of gap.	Reactor WScully	R. J. Walton	A 5-2-0
5-4	New weld between two top layers of girdle.	Reactor WScully	R. J. Walton	A 5-3-0
5-4	Upper socket and guide plate at grillage beam.	Reactor WScully	R. J. Walton	A 5-4-0
5-4	Inside edge of thrust anchor slot in bottom bed plate.	Reactor WScully	R. J. Walton	A 5-5-0
5-4	Location of sockets on grillage beam.	Reactor WScully	R. J. Walton	A 5-6-0
5-4	Hinge and seal plates.	Reactor WScully	R. J. Walton	A 5-7-0
5-4	Hinged section of top plate.	Reactor WScully	R. J. Walton	A 5-8-0
5-4	Holes in web of grillage beam for thrust anchor supports.	Reactor WScully	R. J. Walton	A 5-9-0
5-4	Welding of shims between grillage beam and girfile.	Reactor WScully	R. J. Walton	A 5-10-0
5-4	Cut-out in bottom bed plate for thrust anchor.	Reactor WScully	R. J. Walton	A 5-11-0
5-4	Socketss on grillage beam.	Reactor WScully	R. J. Walton	A 5-12-0
5-4	Holes in web of grillage beam for thrust anchor supports.	Reactor WScully	R. J. Walton	A 5-13-0 & A 5-14-0

Sept 1950 Reactor

Date	Caption	Dept.	Photographer	Number
5-1	Analogue #1.	Reactor WPage	R. J. Walton	A 6-1-0
6-2	Details of graphite threads.	Reactor WScully	J. F. Garfield	A 6-2-0 thru A 6-13-0
6-22	Diagonal struts on grillage and thrust anchor beams.	Reactor WScully	R. J. Walton	A 6-14-0
6-22	Girdle end - thrust anchor beam.	Reactor WScully	R. J. Walton	A 6-15-0
6-22	Top sockets for diagonal struts and pipe struts between grillage beams.	Reactor WScully	R. J. Walton	A 6-16-0
6-22	Bottom socket - diagonal strut before grouting.	Reactor WScully	R. J. Walton	A 6-17-0
6-22	Plenum end - thrust anchor beam.	Reactor WScully	R. J. Walton	A 6-18-0
6-22	Diagonal struts on grillage and thrust anchor beams.	Reactor WScully	R. J. Walton	A 6-19-0
6-22	Gridde end - thrust anchor beam.	Reactor WScully	R. J. Walton	A 6-20-0 and A 6-21-0
6-22	Plenum end - thrust anchor beam.	Reactor WScully	R. J. Walton	A 6-22-0
6-22	Repair welds at girdle- east thrust anchor beam.	Reactor WScully	R. J. Walton	A 6-23-0 and A 6-24-0
6-22	Reweld of 4 x $\frac{1}{2}$ weld ground by mistake.	Reactor WScully	R. J. Walton	A 6-25-0
6-22	Reweld of crack in web of grillage beam.	Reactor WScully	R. J. Walton	A 6-26-0
6-27	1 $\frac{1}{4}$ " hole drilled out to cut keyway.	Reactor WScully	R. J. Walton	A 6-27-0
6-29	Bellows around control rod entrance - S.E. - B.	Reactor WScully	R. J. Walton	A 6-28-0
6-29	Bellows around control rod entrance - S.W. - B.	Reactor WScully	R. J. Walton	A 6-29-0
6-29	Bellows around control rod entrance - S.E. - T.	Reactor WScully	R. J. Walton	A 6-30-0

Oct 1950 Reactor

Date	Caption	Dept.	Photographer	Number
7-13	Graphite routed out on corner of Pile, looking up.	Reactor WScully	R. J. Walton	A 7-1-0 & A 7-2-0
7-7	Analogue #2. Panel I.	BlawKnox VAZora	R. J. Walton	A 7-3-0
7-7	Analogue #2. Panel II.	BlawKnox VAZora	R. J. Walton	A 7-4-0
7-7	Thermocouple installation in ducts p .	Reactor	R. J. Walton	A 7-5-0
7-7	Guide plate and top socket, diagonal strut.	Reactor WScully	R. J. Walton	A 7-6-0
7-7	Guide plate stiffener and top socket, diagonal strut.	Reactor WScully	R. J. Walton	A 7-7-0
7-7	Shim retainer between grillage beam and top plate.	Reactor WScully	R. J. Walton	A 7-8-0
7-7	Bottom graphite retainer springs.	WScully	R. J. Walton	A 7-9-0
7-7	ATM seal, bottom corner graphite bearing plate.	Reactor WScully	R. J. Walton	A 7-10-0
7-7	Patch top corner free standing plate.	WScully	R. J. Walton	A 7-11-0
7-7	Joint in expansion joint jig.	WScully	R. J. Walton	A 7-12-0
7-7	Observation hole in wall plate.	WScully	R. J. Walton	A 7-13-0
7-7	ATM seal spring.	WScully	R. J. Walton	A 7-14-0
7-7	Clevis assembly in end housing.	WScully	R. J. Walton	A 7-15-0
7-17	View of Reactor Building, looking southwest.	Reactor	R. J. Walton	A 7-16-0
7-13	Inside anchor slot in graphite, showing broken threads.	Reactor JBert	R. J. Walton	A 7-17-0 & A 7-18-0
7-18	Thermo insulation over ATM seal, top of pile.	Reactor WScully	R. J. Walton	A 7-19-0
7-18	Expansion joint angles with half of jdg removed.	Reactor WScully	R. J. Walton	A 7-20-0 and A 7-21-0

Date	Caption	Dept.	Photographer	Number
7-18	Auxiliary support and seal plate, north plenum.	Reactor WScully	R. J. Walton	A 7-22-0
7-18	Auxiliary support for seal plate, north plenum.	Reactor WScully	R. J. Walton	A 7-23-0
7-18	New expansion joint and seal at hot filter section.	Reactor WScully	R. J. Walton	A 7-24-0
7-18	Shoulder gusset for spring support.	Reactor WScully	R. J. Walton	A 7-25-0
7-18	ATM spring clips, top of pile.	Reactor WScully	R. J. Walton	A 7-26-0
7-18	Thermo insulation over top plate.	Reactor WScully	R. J. Walton	A 7-27-0
7-18	Expansion joint angle at top of pile, half of jig removed.	Reactor WScully	R. J. Walton	A 7-28-0
7-18	Support angles for at top of corner of expansion joint.	Reactor WScully	R. J. Walton	A 7-29-0
7-18	Spring and back-up angles in expansion joint.	Reactor WScully	R. J. Walton	A 7-30-0
7-21	Spur gear and retainer, pile pusher mechanism.	Reactor WScully	R. J. Walton	A 7-31-0
7-21	Shafts, pile pusher mechanism.	Reactor WScully	R. J. Walton	A 7-32-0 and A 7-33-0
7-21	Gear box housing, pile pusher mechanism.	Reactor WScully	R. J. Walton	A 7-34-0 and A 7-35-0
7-21	Preparing to insert shaft, pile pusher mechanism.	Reactor WScully	R. J. Walton	A 7-36-0

Nov 1950 Reactor

Date	Caption	Dept.	Photographer	Number
8-2	Fan House, showing motors used to drive impeller units.	Reactor <i>done for 6</i>	RJW & RFS	A 8-1-0
8-4	Entrance to the Pile Building.	Reactor	J. F. Garfield	A 8-2-0
8-5	Pile Building (without stack).	Reactor	J. F. Garfield	A 8-3-0
8-7	Pile Building view looking southwest (without stack).	Reactor	J. F. Garfield	A 8-4-0 and A 8-5-0
8-7	Stylized drawings of the faces of the BNL Reactor.	Reactor <i>done for 6</i>	Charles Lee	A 8-6-0 and A 8-7-0
8-7	Drs. L. J. Haworth, L. B. Borst, and M. Fox and R. Powell at the console of the pile.	Reactor <i>done for 6</i>	J. F. Garfield	A 8-8-0 thru A 8-11-0
8-3	Cover plate over expansion joint seal.	Reactor WScully	R. J. Walton	A 8-12-0
8-3	Section through expansion joint seal at top.	Reactor WScully	R. J. Walton	A 8-13-0
8-3	Thermo shield for expansion joint seal.	Reactor WScully	R. J. Walton	A 8-14-0
8-3	Thermo shield over expansion joint seal at control rod.	Reactor WScully	R. J. Walton	A 8-15-0
8-3	Support gusset for top plate.	Reactor WScully	R. J. Walton	A 8-16-0
8-3	Plenum side of cover of expansion joint seal, cover plate off.	Reactor WScully	R. J. Walton	A 8-17-0
8-3	Air inlet side of corner of expansion joint seal.	Reactor WScully	R. J. Walton	A 8-18-0
8-3	Inlet side, bottom of expansion joint seal.	Reactor WScully	R. J. Walton	A 8-19-0
8-3	Inlet air side of corner of expansion joint seal.	Reactor WScully	R. J. Walton	A 8-20-0
8-3	Corner cover plate over expansion joint seal.	Reactor WScully	R. J. Walton	A 8-21-0

Date	Caption	Dept.	Photographer	Number
8-3	Support bracket for floor hinge.	Reactor WScully	R. J. Walton	A 8-22-0
8-3	Toggle joint between free standing joint and seal.	Reactor WScully	R. J. Walton	A 8-23-0
8-10	Valves and pipes in the Reactor Fan House.	Reactor	R. J. Walton & R. F. Smith	A 8-24-0
8-10	Valves on the Reactor Fan House.	Reactor	R. F. Smith & R. J. Walton	A 8-25-0
8-8	View of the Reactor Building.	Reactor	RJW & RFS	A 8-26-0
8-11	West face of the BNL Reactor.	Reactor	J. F. Garfield	A 8-27-0
8-8	Exit air ducts, showing thermo-couple leads.	Reactor WScully	R. J. Walton	A 8-28-0
8-16	Transferred from CDS; BNL Log # 526. Installing Pile roof plugs.	Reactor		A 8-29-0
8-16	Transferred from CDS; BNL Log # 284. Looking into east exhaust duct from ramp.	Reactor		A 8-30-0
8-16	Transferred from CDS; BNL Log # 831. Looking over control rod structure toward back of pile.	Reactor		A 8-31-0
8-16	Transferred from CDS; BNL Log # 835. Recording panel.	Reactor		A 8-32-0
8-14	Lowering roof plug into position.	Reactor	R. J. Walton	A 8-33-0
8-14	Lowering roof plug into position.	Reactor LBBorst	R. J. Walton	A 8-34-0*
8-15	Engineers on Pile Project - group photograph.	Reactor LBBorst	R. J. Walton	A 8-35-0
8-15	Shacks behind Pile Building.	EHunter AP & PM	R. J. Walton	A 8-36-0 thru A 8-40-0

Date	Caption	Dept.	Photographer	Number
8-8	Several views of calibrating machine.	Reactor JBRosen	R. J. Walton	A 8-41-0 thru A 8-45-0
8-22	Men at control just before criticality of the BNL Reactor was reached at 2:30 a.m. on August 22, 1950.	Reactor LBBorst	J. F. Garfield	A 8-46-0 thru A 8-48-0
8-15	Bottom of Pile, between grillage beams. S-1.	Reactor LBBorst	R. J. Walton	A 8-49-0 & A 8-50-0
8-15	Bottom of Pile, between grillage beams. S-2	Reactor LBBorst	R. J. Walton	A 8-51-0 & A 8-52-0 &
8-15	Bottom of Pile, between grillage beams. S-4.	Reactor LBBorst	R. J. Walton	A 8-53-0 & A 8-54-0
8-15	Bottom of Pile, between grillage beams. S-5.	Reactor LBBorst	R. J. Walton	A 8-55-0 & A 8-56-0
8-15	Bottom of Pile, between grillage beams. S-6	Reactor LBBorst	R. J. Walton	A 8-57-0 & A 8-58-0
8-15	Bottom of Pile, between grillage beams. S-7	Reactor LBBorst	R. J. Walton	A 8-59-0 & A 8-60-0
8-15	Bottom of Pile, between grillage beams. S-8.	Reactor LBBorst	R. J. Walton	A 8-61-0 & A 8-62-0
8-15	Bottom of Pile, between grillage beams. S-9.	Reactor LBBorst	R. J. Walton	A 8-63-0 & A 8-64-0
8-15	Bottom of Pile, between grillage beams. S-10.	Reactor LBBorst	R. J. Walton	A 8-65-0 & A 8-66-0
8-15	Bottom of Pile, between grillage beams. S-11.	Reactor LBBorst	R. J. Walton	A 8-67-0 & A 8-68-0
8-15	Bottom of Pile, between grillage beams. S-13.	Reactor LBBorst	R. J. Walton	A 8-69-0 & A 8-70-0
8-15	Bottom of Pile, between grillage beams. S-14.	Reactor LBBorst	R. J. Walton	A 8-71-0 & A 8-72-0
8-15	Bottom of Pile, between grillage beams. N-1.	Reactor LBBorst	R. J. Walton	A 8-73-0 & A 8-74-0
8-15	Bottom of Pile, between grillage beams. N-2.	Reactor LBBorst	R. J. Walton	A 8-75-0 & A 8-76-0

Date	Caption	Dept.	Photographer	Number
8-15	Bottom of Pile, between grillage beams. N-3.	Reactor LBBorst	R. J. Walton	A 8-77-0 & A 8-78-0
8-15	Bottom of Pile, between grillage beams. N-4.	Reactor LBBorst	R. J. Walton	A 8-79-0 & A 8-80-0
8-15	Bottom of Pile, between grillage beams. N-5	Reactor LBBorst	R. J. Walton	A 8-81-0 & A 8-82-0
8-15	Bottom of Pile, between grillage beams. N-6	Reactor LBBorst	R. J. Walton	A 8-83-0 & A 8-84-0
8-15	Bottom of Pile, between grillage beams. N-7.	Reactor LBBorst	R. J. Walton	A 8-85-0 & A 8-86-0
8-15	Bottom of Pile, between grillage beams. N-8	Reactor LBBorst	R. J. Walton	A 8-87-0 & A 8-88-0
8-15	Bottom of Pile, between grillage beams. N-9	Reactor LBBorst	R. J. Walton	A 8-89-0 & A 8-90-0
8-15	Bottom of Pile, between grillage beams. N-10.	Reactor LBBorst	R. J. Walton	A 8-91-0 & A 8-92-0
8-15	Bottom of Pile, between grillage beams. N-11.	Reactor LBBorst	R. J. Walton	A 8-93-0 & A 8-94-0
8-15	Bottom of Pile, between grillage beams. N-12.	Reactor LBBorst	R. J. Walton	A 8-95-0 & A 8-96-0
8-15	Bottom of Pile, between grillage beams. N-13.	Reactor LBBorst	R. J. Walton	A 8-97-0 & A 8-98-0
8-15	Bottom of Pile, between grillage beams. N-14.	Reactor LBBorst	R. J. Walton	A 8-99-0 & A 8-100-0
8-21	Aerial of pile pile site.	Reactor	R. J. Walton	A 8-101-0
8-21	Aerial view of hot lab area.	Reactor	R. J. Walton	A 8-102-0 and A 8-103-0
8-25	Night shot of the pile.	Reactor	J. F. Garfield	A 8-104-0
	NO NEGATIVES - A 8-105-0 and A 8-106-0			
8-22	Health physicist placing source, testing before pile criticality.	Reactor	J. F. Garfield	A 8-107-0

Date	Caption	Dept.	Photographer	Number
8-22	Checking apparatus, west face of pile.	Reactor	J. F. Garfield	A 8-108-0
8-22	Plotting, prior to pile criticality.	Reactor	J. F. Garfield	A 8-109-0
8-22	Group assembled at control panel prior to pile criticality.	Reactor	J. F. Garfield	A 8-110-0 A 8-111-0
8-14	General interior views of exit air ducts.	Reactor WScully	R. J. Walton	A 8-112-0 thru A 8-122-0
8-22	Plotting, prior to pile criticality.	Reactor	J. F. Garfield	A 8-123-0
8-22	Group assembled at control panel prior to pile criticality.	Reactor	J. F. Garfield	A 8-124-0
8-22	Health physicist placing source, testing prior to pile criticality.	Reactor	J. F. Garfield	A 8-125-0
8-50	View of the Reactor Building looking east.	Reactor	APChristoffersen	A 8-126-0

Dec 1950 Reactor

Date	Caption	Dept.	Photographer	Number
9-6	Exterior of Hot Laboratory Building.	Reactor (JBurt) (PRO) <i>J. Burt</i>	R.J. Walton <i>R. J. Walton</i>	A 9-1-0

10/49-1/50 Petal

* Date entered in the unclassified file.

Date	Caption	Dept.	Photographer	Number
10-10	Area behind Reactor Building, showing new drive and lawn.	AP & PM EHunter	R. J. Walton	A 10-1-0 thru A 10-5-0
*10-23	Graphite Shop. (BNL Log # P-48).	Reactor	R. J. Walton	A 10-6-0
*10-23	Graphite Shop. (BNL Log # P-49).	Reactor	R. J. Walton	A 10-7-0
*10-23	Graphite Shop. (BNL Log # P-50).	Reactore	R. J. Walton	A 10-8-0
*10-23	Graphite Shop. (BNL Log # P-51).	Reactor	R. J. Walton	A 10-9-0
*10-23	Graphite Shop. (BNL Log # P-52).	Reactor	R. J. Walton	A 10-10-0
*-23 *10-23	Graphite Shop. (BNL Log # P-53).	Reactor	R. J. Walton	A 10-11-0
*10-23	Graphite Shop. (BNL Log # P-54).	Reactor	R. J. Walton	A 10-12-0
	Trip to Lucky, Ohio and etc.	AEC	J F Garfield	A 10-13-0 thru A 10-14-0 A 10-15-0

Jan 1950 Reactor

Date	Caption	Dept.	Photographer	Number
11-2	Was BNL Log # P-157. Transferred 11/27/50 . Aerial shot of pile site showing pile building in the foreground. (4/22/48).	Reactor	R. J. W lton	A 11-1-0

Feb 1950 Reactor

Date	Caption	Dept.	Photographer	Number
10-5-49	Details of gap.	WScully Reactor	J. F. Garfield	Petal 10-1-9
10-5-49	Details of gap.	WScully Reactor	J. F. Garfield	Petal 10-2-9
12-12-49	Details of top of Pile.	WScully Reactor	J. F. Garfield	Petal 12-1-9
<u>1950</u>				
1-4-50	Details of air ^{duct} /expansion joints.	WScully Reactor	J. F. Garfield	Petal 1-1-0
1-4-50	Details of air duct expansion joints.	WScully Reactor	J. F. Garfield	Petal 1-2-0
1-23-0	After details of air duct expansion joints.	WScully Reactor	J. F. Garfield	Petal 1-3-0

Mar 1950 Reactor

Date	Caption	Dept.	Photographer	Number
	Transferred from the Pile Progress file retaining original numbers. Pile engineering in T-197.		R. J. Walton	
2-10	Run 1 North			A 2-1-8
2-10	Run 2 North			A 2-2-8
2-10	Run 3 North			A 2-3-8
2-10	Run 4 North			A 2-4-8
2-10	Run 5 North			A 2-5-8
2-10	Run 6 North			A 2-6-8
2-10	Run 7 North			A 2-7-8
2-10	Run 8 North			A 2-8-8
2-10	Run 9 North			A 2-9-8
2-10	Run 10 North			A 2-10-8
2-10	Run 11 North			A 2-11-8
2-10	Run 12 North			A 2-12-8
2-10	Run 13 North			A 2-13-8
2-10	Run 14 North			A 2-14-8
2-10	Run 15 North			A 2-15-8
2-10	Run 16 North			A 2-16-8
2-10	Run 1 South			A 2-17-8
2-10	Run 2 South			A 2-18-8
2-10	Run 3 South			A 2-19-8
2-10	Run 4 South			A 2-20-8
2-10	Run 5 South			A 2-21-8
2-10	Run 6 South			A 2-22-8
2-10	Run 7 South			A 2-23-8
2-10	Run 8 South			A 2-24-8
2-10	Run 9 South			A 2-25-8
2-10	Run 10 South			A 2-26-8
2-10	Run 11 South			A 2-27-8
2-10	Run 12 South			A 2-28-8
2-10	Run 13 South			A 2-29-8
2-10	Run 14 South			A 2-30-8
2-10	Run 15 South			A 2-31-8
2-10	Run 16 South			A 2-32-8
2-48	Pictures taken in pile engineering in T-197.		R. J. Walton	P 2-1-8 thru P 2-17-8

Date	Caption	Dept.	Photographer	Number
3-15	Run North 1A		R. J. Walton	P 3-1-8
3-15	1B			P 3-2-8
3-15	2A			P 3-3-8
3-15	3A			P 3-4-8
3-15	4A			P 3-5-8
3-15	4XA			P 3-6-8
3-15	5A			P 3-7-8
3-15	5A2			P 3-8-8
3-15	6A			P 3-9-8
3-15	Run South 1A			P 3-10-8
3-15	1B			P 3-11-8
3-15	2A			P 3-12-8
3-15	3A			P 3-13-8
3-15	4A			P 3-14-8
3-15	4XA			P 3-15-8
3-15	5A			P 3-16-8
3-15	5A2			P 3-17-8
3-15	6A			P 3-18-8
3-17	Run South 6Z			P 3-19-8
3-17	13Z			P 3-20-8
3-17	10Z			P 3-21-8
3-17	8Z			P 3-22-8
3-17	5Z			P 3-23-8
3-17	4Z			P 3-24-8
3-17	7Z			P 3-25-8
3-17	12Z			P 3-26-8
3-17	Run North 11Z			P 3-27-8
3-17	12Z			P 3-28-8
3-17	5Z			P 3-29-8
3-17	4Z			P 3-30-8
3-17	6Z			P 3-31-8
3-17	7Z			P 3-32-8
3-17	9Z			P 3-33-8
3-17	10Z			P 3-34-8
3-17	8Z			P 3-35-8
3-17	13Z			P 3-36-8
3-17	Run South 11Z			P 3-37-8
3-17	Run South 9Z			P 3-38-8
3-18	Run North 1M	P 178		P 3-39-8
3-18	2M	P 179		P 3-40-8
3-18	3M	P 180		P 3-41-8
3-18	4M	P 181		P 3-42-8
3-18	5M	P 182		P 3-43-8
3-18	6M	P 183		P 3-44-8
3-18	7M	P 184		P 3-45-8

Date	Caption	Dept.	Photographer	Number
3-18	Run North 8M	P185	R. J. Walton	P 3-46-8
3-18	Run South 1M	P186		P 3-47-8
3-18	2M	P187		P 3-48-8
3-18	3M	P188		P 3-49-8
3-18	4M	P189		P 3-50-8
3-18	5M	P190		P 3-51-8
3-18	6M	P 191		P 3-52-8
3-18	7M	P192		P 3-53-8
3-18	8M	P193		P 3-54-8
3-18	Run North 1N	P194		P 3-55-8
3-18	2N	P195		P 3-56-8
3-18	3N	P196		P 3-57-8
3-18	4N	P197		P 3-58-8
3-18	Run South 1N	P198		P 3-59-8
3-18	2N	P199		P 3-60-8
3-18	3N	P200		P 3-61-8
3-18	4N	P201		P 3-62-8

Date	Caption	Dept.	Photographer	Number
4-5	Slide negative chart based on graphs GR13251-4 and GR13251-5, Gibbs and Cox, Inc.		Paul Simack	P 4-1-8
4-5	Graph for William Page, Nuc. Reactor.		M. H. Bull	P 4-2-8
4-13	Long shot showing overall equipment used in dilation. Large labs in T-197. (1st of 3 for Dr. Teitel).	P 161	R. J. Walton	P 4-3-8
4-13	Medium shot of dilation equipment. (2nd of 3).	P 162		P 4-4-8
4-13	Closeup of shot of bottom of stand used with dilation equipment. (3rd of 3).	P 163		P 4-5-8
4-13	Run (9) S North	P 123		P 4-6-8
4-13	8	P 124		P 4-7-8
4-13	7	P 125		P 4-8-8
4-13	6	P 126		P 4-9-8
4-13	5	P 127		P 4-10-8
4-13	4	P 128		P 4-11-8
4-13	3	P 129		P 4-12-8
4-13	2	P 130		P 4-13-8
4-13	1	P 131		P 4-14-8
4-13	Run (10) S South	P 132		P 4-15-8
4-13	9	P 133		P 4-16-8
4-13	8	P 134		P 4-17-8
4-13	7	P 135		P 4-18-8
4-13	6	P 136		P 4-19-8
4-13	5	P 137		P 4-20-8
4-13	4	P 138		P 4-21-8
4-13	3	P 139		P 4-22-8
4-13	2	P 140		P 4-23-8
4-13	1	P 141		P 4-24-8
4-13	Pile engineering taken for William Page. Long shot showing layout of pile testing equipment set up in T-197.	P 142		P 4-25-8
4-13	Run 10 S North.	P. 143		P 4-26-8

Date	Caption	Dept.	Photographer	Number
5-24	Static pressure measurements for Pile Engineering.		R. J. Walton	
	S 4 F	P 229		P 5-1-8
	S 5 F	P 230		P 5-2-8
	N 6 F	P 231		P 5-3-8
	S 3 F	P 232		P 5-4-8
	N 5 F	P 233		P 5-5-8
	N 3 F	P 234		P 5-6-8
	N 2 F	P 235		P 5-7-8
	S 1 F	P 236		P 5-8-8
	S 2 F	P 237		P 5-9-8
	N 1 F	P 238		P 5-10-8
	S 6 F	P 239		P 5-11-8
	N 4 F	P 240		P 5-12-8
	S 7 F	P 242		P 5-13-8
	S 8 F	P 243		P 5-14-8
	S 9 F	P 244		P 5-15-8
	S 10 F	P 245		P 5-16-8
	N 7 F	P 246		P 5-17-8
	N 8 F	P 247		P 5-18-8
	N 9 F	P 248		P 5-19-8
	N 10 F	P 249		P 5-20-8

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Date	Caption	Dept.	Photographer	Number
6-5	Pile engineering monometer test readings.		R. J. Walton	P 6-1-8 thru P 6-7-8

Date	Caption	Dept.	Photographer	Number
8-24	Interior and exterior of B-29 for Cosmic Ray Research, U. S. Air Forces, Baatol Research Foundation, National Geographic Society, Massachusetts Institute of Technology.		J. F. Garfield	P 8-1-8 thru P 8-13-8

Date	Caption	Dept.	Photographer	Number
9-48	Chapman Valve Company machining uranium. P 310 P 311 P 312 P 313 P 314 P 315 P 316 P 321 P 328 P 329 P 332 P 333 P 334 P 335		Robert F. Smith	P 9-1-8 P 9-2-8 P 9-3-8 P 9-4-8 P 9-5-8 P 9-6-8 P 9-7-8 P 9-8-8 P 9-9-8 P 9-10-8 P 9-11-8 P 9-12-8 P 9-13-8 P 9-14-8

Date	Caption	Dept.	Photographer	Number
11-30	Graphite shop T-480 Machining graphite. These have been transferred to CDS June 6, 1949.		R. J. Walton	P 11-1-8 P 11-2-8 P 11-3-8
11-23	Revised drawing of interior of pile. (Retaining original number.)		R. J. Walton	P 11-202-8

Date	Caption	Dept.	Photographer	Number
1-28	Experimental holes inside of the pile shield showing relative distance between blocks of graphite and membrane.		R. J. Walton	
	E 30 W			P 1-1-9
	E 29 W			P 1-2-9
	E 28 W			P 1-3-9
	E 6 E			P 1-4-9
	E 3 W			P 1-5-9
	E 2 W			P 1-6-9
	E 19 W			P 1-7-9
	E 4 W			P 1-8-9
	E 3 E			P 1-9-9
	E 31 W			P 1-10-9
	E 18 W			P 1-11-9
	E 17 W			P 1-12-9
	E 15 W			P 1-13-9
	E 4 E			P 1-14-9
	E 26 W			P 1-15-9
	E 12 W			P 1-16-9
	E 11 W			P 1-17-9
	E 6 W			P 1-18-9
	E 13 W			P 1-19-9
	E 27 W			P 1-20-9
	E 5 E			P 1-21-9
	E 14 W			P 1-22-9

Date	Caption	Dept.	Photographer	Number
2-1	Experimental holes of pile shield showing relative distance between blocks of graphite and membrane.		R. J. Walton	
	E 15 E			P 2-1-9
	E 27 E			P 2-2-9
	E 25 E			P 2-3-9
	E 28 E			P 2-4-9
	E 24 E			P 2-5-9
	E 23 E			P 2-6-9
	E 17 E			P 2-7-9
	E 21 E			P 2-8-9
	E 22 E			P 2-9-9
	E 31 E			P 2-10-9
	E 19 E			P 2-11-9
	E 18 E			P 2-12-9
	E 29 E			P 2-13-9
	E 30 E			P 2-14-9
	E 26 E			P 2-15-9
	E 11 E			P 2-16-9
	E 7 E			P 2-17-9
	E 1 E			P 2-18-9
	E 1 W			P 2-19-9
	E 20 E			P 2-20-9
	E 13 E			P 2-21-9
	E 14 E			P 2-22-9
	E 5 E			P 2-23-9
	E 10 W			P 2-24-9
	E 9 W			P 2-25-9
	E			P 2-26-9
	E			P 2-27-9
	E 2 E			P 2-28-9
	W			P 2-29-9
	E 7 W			P 2-30-9
	E 10 E			P 2-31-9
	W-W			P 2-32-9
	E 1 E			P 2-33-9
	E 9 E			P 2-34-9
	Gap in pile			P 2-35-9
	Gap in pile			P 2-36-9
2-9	E 23 W			P 2-37-9
	E 24 W			P 2-38-9
	E 20 W			P 2-39-9
	E 21 W			P 2-40-9
	E 22 W			P 2-41-9
	E 25 W			P 2-42-9
2-14	Plywood case used in transporting finishing graphite and electric car used to move palates around.	T-480	R. J. Walton	P 2-43-9
2-14	Plywood case in which finished graphite was packed for shipment to the pile building.	T-480	R. J. Walton	P 2-44-9
	2-238-9 now P 2-238-9			

Date	Caption	Dept.	Photographer	Number
3-3	Tools used in pile operation.	Powell	R. J. Walton	P 3-54-9
3-3	Pneumatic tube coupling inside plenum chamber.	Powell	R. J. Walton	P 3-55-9
3-3	Pneumatic tube charging station.	Powell	R. J. Walton	P 3-56-9
3-3	Tools used in pile operation.	Powell	R. J. Walton	P 3-57-9
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Date	Caption	Dept.	Photographer	Number
6-1	Reactor (Powell Richards) Tank farm, waste disposal facing northwest.		R. J. Walton	P 6-1-9
6-1	Waste disposal field underground tanks.		R. J. Walton	P 6-2-9
6-1	Trench for waste disposal pipes looking south from tank farm towards pile building.		R. J. Walton	P 6-3-9