January-December 1951

January
February
March
April
May
June
July
August
September
October
November
December

January

Date	Caption	Dept.	Photographer	Number
1-3	Fuming hood in East Wing Lab of the Pile.	Reactor RPowell	R. F. Smith	1-1-1
1-3	East Wing Lab of the Pile. (NE View).	Reactor RPowell	R. F. Smith	1-2-1 ~~1-21~~
1-3	East Wing Lab of the Pile. (North View).	Reactor RPowell	R. F. Smith	1-3-1
1-3	Glass crucibles for growing crystals.	Physics GJohnson	R. F. Smith	1-4-1
1-3	Disected vegetative cluster from Tradescantia plant.	Biology ASparrow	R. F. Smith	1-5-1
1-3	Top view close-up of oscillator - cyclotron showing connectors.	Cyclotron WMerkle	R. F. Smith	1-6-1
1-3	Front view of oscillator on cyclotron.	Cyclotron WMerkle	R. F. Smith	1-7-1
1-3	Side view of oscillator showing meters.	Cyclotron WMerkle	R. F. Smith	1-8-1
1-3	Back view of Cyclotron oscillator.	Cyclotron WMerkle	R. F. Smith	1-9-1
1-4	Line Drawing.	Chemistry Turkevich	P. Simack	1-10-1
1-4	Graph.	Turkevich	P. Simack	1-11-1
1-4	Log Scales.	Turkevich	P. Simack	1-12-1
1-4	Graph.	Turkevich	P. Simack	1-13-1
1-4	Graph.	Turkevich. Chemistry	P. Simack	1-14-1
1-4	Radioactivity source holder shown before insertion in the beta-ray spectrometer. (Signal Corps coverage).	Physics DAlburger	APChristoffersen	1-15-1
1-4	Data being taken with the beta-ray spectrometer. In the background is electronic equipment for detecting the beta rays and for varying the magnetic field. (Signal Corps coverage)	Physics DAlburger	APChristoffersen	1-16-1

Date	Caption	Dept.	Photographer	Number
1-5	Monitoring station for liquid waste before leaving the laboratory.	HPhysics LGemmell	R. J. Walton	1-17-1
1-5	Automatic waste sampler at the waste disposal plant.	HPhysics LGemmell	R. J. Walton	1-18-1
1-5	Waste disposal sampler (water) for laundry.	HPhysics LGemmell	R. J. Walton	1-19-1
1-3	Cover for vacuum chamber showing graphite in place.	Cosmotron Stoughton	R. J. Walton	1-20-1
1-3	Top view of vacuum chamber.	Cosmotron Stoughton	R. J. Walton	1-21-1
1-3	Cross section of joint where top and of vacuum chamber meet.	Cosmotron Stoughton	R. J. Walton	1-22-1
1-3	Cross section of vacuum chamber support wall.	Cosmotron Stoughton	R. J. Walton	1-23-1
1-8	FM 60.	Chemistry Turkevich	M. H. Bull	1-24-1
1-8	Graph.	Turkevich	M. H. Bull	1-25-1
1-8	FM 50.	Turkevich	M. H. Bull	1-26-1
1-8	Vacuum systems.	Turkevich	M. H. Bull	1-27-1
1-8	FM 40.	Turkevich	M. H. Bull	1-28-1
1-8	Mixture 200, 300, 350.	Turkevich.	M. H. Bull	1-29-1
1-8	(Log CO).	Turkevich	M. H. Bull	1-30-1
1-8	4000 °A, 5000 °A.	Chemistry Turkevich	M. H. Bull	1-31-1
1-8	Diagram of Apparatus.	HPhysics FPCowan	H. Maile	1-32-1
1-8	Diagram of Apparatus.	HPhysics FPCowan	H. Maile	1-33-1
1-8	Graph - Time (hours) vs. Scale Division.	HPhysics FPCowan	H. Maile	1-34-1
1-8	Microcuries/cc vs. Time (minutes).	Hphysics FPCowan	H. Maile	1-35-1

Date	Caption	Dept.	Photographer	Number
1-8	Illustrative scatter diagram.	Physics Thorndike	H. Maile	1-36-1
1-8	Scattering of 1.4 Mev neutrons by Deuterium.	Physics Thorndike	H. Maile	1-37-1
1-8	n-D scattering experimental arrangement.	Physics Thorndike	H. Maile	1-38-1
1-8	Theoretical curves for n-D scattering.	Physics Thorndike	H. Maile	1-39-1
1-8	Scattering of 14 Mev neutrons by H_2.	Physics Thorndike	H. Maile	1-40-1
1-8	Naturally occuring radio-isotopes, not members of series.	HPhysics MMWeiss	P. Simack	1-41-1
1-8	Background data for the year ending June 30, 1950.	HPhysics MMWeiss	P. Simack	1-42-1
1-3	Portable monitor for collecting dust particles, overall view. Copy Neg 1-98-1	Electronic EFoster	R. J. Walton	1-43-1
1-3	Close-up of dust collector and counting tube in place.	Electronic EFoster	R. J. Walton	1-44-1
1-3	Close-up view of dust collecting tape and counting tube.	Electronic EFoster	R. J. Walton	1-45-1
1-3	Exploded view of dust collector and counting chamber.	Electronic EFoster	R. J. Walton	1-46-1
1-8	Fluid intake and urine volume for 24 hours after irradiation.	Biology AEdelmann	H. Maile	1-47-1
1-8	Disintegrations per minute/activity in uc/cc.	HPhysics Sharris	H. Maile	1-48-1
1-8	Electron momentum/scale/min.	Physics DAlburger	P. Simack	1-49-1
1-8	Ru^{106}-Rh^{106} Urnaium converter.	Physics DAlburger	P. Simack	1-50-1
1-8	Ru^{106} - Rh^{106}.	Physics DAlburger	P. Simack	1-51-1
1-8	Ru^{106} - Rh^{106} Lead converter.	Physics DAlburger	P. Simack	1-52-1

Date	Caption	Dept.	Photographer	Number
1-9	Sewage Plant.	Hphysics FPCowan	H. Maile	1-53-1
1-5	Close-up of Tradescantia plan bud.	Biology ASparrow	R. F. Smith	1-54-1
1-5	Tradescantia plant, showing buds.	Biology ASparrow	R. F. Smith	1-55-1
1-4	Dr. G. Johnson's crystal growing apparatus at the pile.	Physics GJohnson	R. F. Smith	1-56-1
1-4	Macro photograph of uncleared potato seed showing embryo.	Biology ASparrow	R. F. Smith	1-57-1 thru 1-62-1
1-4	Macro photograph of potato seed showing embryo - seed cleared in lactic acid.	Biology ASparrow	R. F. Smith	1-63-1 thru 1-68-1
1-9	Large Potassium Bromide crystal with scale.	Physics GJohnson	R. F. Smith	1-69-1
1-9	Large Potassium Bromide crystal without scale.	Physics GJohnson	R. F. Smith	1-70-1
1-10	Copy of Berkeley cloud chamber photograph.	Physics Whittemore	M. H. Bull	1-71-1
1-10	Counts per minute/5.246 $1V_1 - V_2 1$.	Chemistry Davis	H. Maile	1-72-1 thru 1-74-1
1-10	Percent transmission/ energy, e.v.	Chemistry Davis	H. Maile	1-75-1
1-10	Combustion Apparatus.	Chemistry RAnderson	H. Maile	1-76-1
1-10	Transfer Apparatus.	Chemistry RAnderson	H. Maile	1-77-1
1-10	Filtration Apparatus.	Chemistry RAnderson	H. Maile	1-78-1
'-10	Electrostatic analyzer in vacuum case.	Chemistry Davis	R. J. Walton	1-79-1 and 1-80-1

Date	Caption	Dept.	Photographer	Number
1-11	Copy for slides from Physical Review.	Physics DAlburger	H. Maile	1-81-1 and 1-82-1
1-11	Slow neutron Velocity Spectrometer.	Cyclotron TEaton	J. F. Garfield	1-83-1 and 1-84-1
1-11	Slow neutron Velocity Spectrometer.	Cyclotron TEaton	J. F. Garfield	1-85-1 thru 1-87-1
1-11	Oscilloscope Spectrums.	Reactor PLee	M. H. Bull	1-88-1 thru 1-93-1
1-11	Copy of Polaroid Pulses.	Physics GJohnson	H. Maile	1-94-1
1-11	Continuous dust monitor with suction head showing the associated alpha scintillation counter.	HPhysics MMWeiss	P. Simack	1-95-1
1-11	Exploded view of suction head and associated components.	HPhysics MMWeiss	P. Simack	1-96-1
1-11	Suction head with alpha scintillation counter in place.	HPhysics MMWeiss	P. Simack	1-97-1
1-11	Continuous dust monitor probe with suction head. Copied from Orig. 1-43-1	HPhysics MMWeiss	P. Simack	1-98-1
1-12	Smoke Densitometer.	Electronic JBHKuper	R. J. Walton	1-99-1
1-10	Composite of forminiferers. Plate I.	Geology LWeiss	M. H. Bull	1-100-1
1-10-	Composite of foraminiferers. Plate II.	Geology LWeiss	M. H. Bull	1-101-1
1-10	Composite of foraminiferers. Plate III.	Geology LWeiss	M. H. Bull	1-102-1
1-10	Composite of foraminiferers. Plate IV.	Geology LWeiss	M. H. Bull	1-103-1
1-10	Composite of foraminiferers. Plate V.	Geology LWeiss	M. H. Bull	1-104-1

Date	Caption	Dept.	Photographer	Number
1-10	Miss Miner with rhythm band composed of inmates of the children's ward of the BNL hospital.	Medical SMiner	R. F. Smith	1-105-1
1-10	Close-up of abdomen of nephrotic child.	Medical LFarr	R. F. Smith	1-106-1
1-10	Horizontal side view of nephrotic child.	Medical LFarr	R. F. Smith	1-107-1
1-10	Patient in children's ward. Clinical photo showing typical swelling of nephrotic cyndrome. (standing).	Medical LFarr	R. F. Smith	1-108-1
1-15	Quartz Dewar.	Chemistry SKatcoff	R. J. Walton	1-109-1
1-15	Chnages with temperature of ultraviolet absorption spectrum of solutions of chlorophyll a.	Chemistry KSancier	ARLasky	1-110-1
1-15	Partial Reduction Product of UCl_4.	Chemistry KSancier	A. R. Lasky	1-111-1
1-15	Changes with temperature of ultraviolet absorption spectrum of solutions of chlorophylll b.	Chemistry KSancier	A. R. Lasky	1-112-1
1-15	U.V. irradiated UCl_4 solution and Anhydr UCl_3 crystals.	Chemistry KSancier	A. R. Lasky	1-113-1
1-15	Changes with temperature of ultraviolet absorption spectrum of solutions of chlorophyll b.-	Chemistry KSancier	A. R. Lasky	1-114-1
1-15	Changes with temperature of ultraviolet absorption spectrum of solutions of chlorophyll a.-	Chemistry KSancier	A. R. Lasky	1-115-1
1-15	U.V. irradiated UCl_4 solution (purple) and UCl_4 solution (green).	Chemistry KSancier	A. R. Lasky	1-116-1
1-15	4" brass tube; A plus CH_4; 2870 volts. Po^{210} polystyrene; M lines. 15June 50; 22:00.	Chemistry Rubinson	A. R. Lasky	1-117-1
1-15	4" brass tube; A plus CH_4; 2860 volts. L X-rays from Po^{210} on polystyrene mount; 1.23×10^9 d/m of Po^{210}. Curve of 12June 50.	Chemistry Rubinson	A. R. Lasky	1-118-1

Date	Caption	Dept.	Photographer	Number
1-15	4" glass counter; 2840 volts. Comparison of Po^{210} 10.5 Kv lines from sources on different backings. 5June 50.	Chemistyr Rubinson	A. R. Lasky	1-119-1
1-15	3 atm. brass counter. Kr plus 3% CH_4; 4200 volts. L lines from Po^{210} on Be backing; absorption in As and Se. 20Nov. 50.	Chemistry Rubinson	A. R. Lasky	1-120-1
1-15	Pb K lines (?) from Po^{210} as determined with a scintillation counter and pulse analyser.	Chemistry Rubinson	A. R. Lasky	1-121-1
1-16	Spectra. Scheelite, Zenotime, and Parisite.	Chemistry SFreed	P. Simack	1-122-1
1-16	Spectra. Plate 1½.	Chemistry SFreed	A. R. Lasky	1-123-1
1-16	Spectra Plate III.	Chemistry SFreed	A. R. Lasky	1-124-1
1-16	Copy of Chart.	Chemistry SFreed	A. R. Lasky	1-125-1
1-16	Copy of Spectrum.	Chemistry SFreed	A. R. Lasky	1-126-1
1-16	Copy of Spectra.	Chemistry SFreed	A. R. Lasky	1-127-1 thru 1-129-1
1-15	Shelf Life. Butene and Argon. Tube No. 1.	Electronic JBHKuper	P. Simack	1-130-1
1-15	Shelf Life. Propylene and Argon. Tube No. 1.	Electronic JBHKuper	P. Simack	1-131-1
1-15	Shelf Life. Ethane and Argon. Filled 6/23/49.	Electronic JBHKuper	P. Simack	1-132-1
1-15	Tube No. 2781. Neon and Ethyl Ether. ~~Tin-w-~~ Thin wall.	Electronic JBHKuper	P. Simack	1-133-1

Date	Caption	Dept.	Photographer	Number
1-15	Shelf Life. Propane and Argon. Tube No. 1. Filled 6/24/49.	Electronic JBHKuper	P. Simack	1-134-1
1-15	Shelf Life. Propylene and Argon. Tube No. 3. Filled 6/29/49.	Electronic JBHKuper	P. Simack	1-135-1
1-15	Tube No. 10340. Argon and Alcohol.	Electronic JBHKuper	P. Simack	1-136-1
1-15	Tube No. 528. Halogen filled.	Electronic JBHKuper	P. Simack	1-137-1
1-15	Shelf Life. Butaddiene and Argon. Tube No. 5.	Electronic JBHKuper	P. Simack	1-138-1
1-15	Tube No. 28 2782. Neon and Ethyl Ether. Thin wall.	Electronic JBHKuper	P. Simack	1-139-1
-15	Charge per isolated pulse. Counter voltage equals 1050 V.	Electronic JBHKuper	P. Simack	1-140-1
1-15	Shelf Life. 9 cm. Argon and 1 cm. Ethylene. Tube No. 5. Filled 6/21/49.	Electronic JBHKuper	P. Simack	1-141-1
1-15	Tube No. 6. Butane and Argon.	Electronic JBHKuper	P. Simack	1-142-1
1-15	Tube No. 1. Butene filled.	Electronic JBHKuper	P. Simack	1-143-1
1-15	Charge per isolated pulse. R equals 1 MEG. C equals 10 uuf.	Electronic JBHKuper	P. Simack	1-144-1
1-15	Tube No. 24. Halogen filled. End window.	Electronic JBHKuper	P. Simack	1-145-1
1-15	Shelf Life. Propane and Argon. Tube No. 4.	Electronic JBHKuper	P. Simack	1-146-1
-16	Dr. Miller with the continuous diffusion cloud chamber.	Physics CloudCham.	J. F. Garfield	1-147-1 thru 1-149-1

Date	Caption	Dept.	Photographer	Number
1-16	Thermocouple with centimeter scale.	Reactor SIsakoff	R. F. Smith	1-150-1
1-16	Two thermocouples with centimeter scale.	Reactor SIsakoff	R. F. Smith	1-151-1
1-16	Thermocouple with centimeter scale.	Reactor SIsakoff	R. F. Smith	1-152-1
1-15	Time of Flight Neutron Velocity Selector.	Physics RRandall	P. Simack	1-153-1 and 1-154-1
1-15	Diagram of Apparatus: 1. Cadmium shield on top, bottom, and both ~~sides.~~ ends. 2. High tensile forged cap screws. 3. 3250 steel forgings hardened and ground. Flight path of neutrons.	Physics RRandall	P. Simack	1-155-1'
1-16	Beta Spectrum/ of the Neutron.	Physics EChurch	A. R. Lasky	1-156-1
1-16	Solid line with Boron shutter out. Dotted line with shutter in. 15 KV acceleration.	Physics EChurch	A. R. Lasky	1-157-1
1-16	Kurie Plot Neutron.	Physics EChurch	A. R. Lasky	1-158-1
1-16	Diagrams of Apparatus.	Physics EChurch	A. R. Lasky	1-159-1 and 1-160-1
1-17	Thermocouple with centimeter scale.	Reactor SIsakoff	R. F. Smith	1-161-1
1-17	Two thermocouples with centimeter scale.	Reactor SIsakoff	R. F. Smith	1-162-1
1-17	Beta components of Dust Samples.	HPhysics SHarris	A. R. Lasky	1-163-1
1-17	Disappearance rate components of the Carbon of mouse tissues II. Nervous and Endocrine tissues.	Biology RSteele	A. R. Lasky	1-164-1

Date	Caption	Dept.	Photographer	Number
1-17	Disappearance rate components of the Carbon of mouse tissues I. Alimentary tissues.	Biology RSteele	A. R. Lasky	1-165-1
1-17	Disappearance rate components of the Carbon of mouse tissues III. Various 3 component tissues.	Biology RSteele	A. R. Lasky	1-166-1
1-17	Disappearance rate components of the Carbon of mouse tissues I. Alimentary tissues.	Biology RSteele	A. R. Lasky	1-167-1
1-17	Disappearance rate components of the Carbon of mouse tissues IV. Muscular tissues and miscellaneous.	Biology RSteele	A. R. Lasky	1-168-1
1-17	Graphs- Mouse Tissues.	Biology RSteele	A. R. Lasky	1-169-1 thru 1-171-1
1-17	Graph - Blood Clot.	Biology RSteele	A. R. Lasky	1-172-1
-17	Graph - Abdominal Adipose Tissue.	Biology RSteele	A. R. Lasky	1-173-1
1-17	Residue from acid-treated portion of long bone.	Biology RSteele	A. R. Lasky	1-174-1
1-17	C^{14} disappearance curves; 18 mouse tissues.	Biology RSteele	A. R. Lasky	1-175-1
1-17	Graph - Pancreas.	Biology RSteele	A. R. Lasky	1-176-1
1-17	Graph - Seminal Vesicle.	Biology RSteele	A. R. Lasky	1-177-1
1-17	Graph - Bone Marrow.	Biology RSteele	A. R. Lasky	1-178-1
1-10	Compsoite of X-ray and clincal photo showing position of brain tumor.	Medical Farr and Robertson	R. F. Smith	1-179-1
1-10	Compsoite of X-ray and clinical photo showing position of brain tumor. (Eyes blocked).	Medical LFarr Robertson	R. F. Smith	1-180-1

Date	Caption	Dept.	Photographer	Number
1-9	Various views of east-west emulsion orienter.	Physics SGolian	J. F. Garfield	1-181-1 thru 1-188-1
1-18	Stress and Strain Markers.	Cosmotron JKosh	R. J. Walton	1-189-1 and 1-190-1
1-19	Stress and Strain Markers.	Cosmotron JKosh	R. J. Walton	1-191-1 and 1-192-1
1-18	Copies of Scope Pulses.	Physics GJohnson	H. Maile	1-193-1 thru 1-195-1
1-19	Thermeeouple ~~eepule~~ gauges.	Cosmotron LSmith	R. J. Walton	1-196-1 thru 1-206-1
-18	Schematic of Brookhaven Bivane.	Meteorology Mazzarella	M. A. Herbert	1-207-1
1-18	Brookhaven Bivane Resphnse Curve.	Meteorology Mazzarella	A. R. Lasky	1-208-1
1-18	Wind Traces: Aerovane 355' Bivane Horizontal 355' Bivane Vertical 355'.	Meteorology Mazzarella	A. R. Lasky	1-209-1
1-18	Traces: Tunnel Speed. Initial Displacement Period.	Meteorology Mazzarella	A. R. Lasky	1-210-1
1-11	Slow Neutron Choppper.	Physics RRandall	R. J. Walton	1-211-1 thru 1-213-1
1-18	Pulses: Hf^{174} plus n; Hf^{176} plus n; Hf^{177} plus n Hf^{178}, plus n; Hf^{179} plus n; Hf^{180} plus n	Physics derMateosian	P. Simack	1-215-1 and 1-214-1

Date	Caption	Dept.	Photographer	Number
1-18	Pulses: Te^{123m} and Hf^{179m}	Physics derMateosian	P. Simack	1-216-1
1-18	Pulses: A, B, and C.	Physics derMateosian	P. Simack	1-217-1
1-18	Pulses: A, B, C, D, E, F, G, and H.	Physics derMateosian	P. Simack	1-218-1
1-19	Wind Speed - meters per second vs. Height - meters.	Meteorology PLowry	A. R. Lasky	1-219-1
1-19	$\frac{U_{max} - U_{min}}{u}$ vs. Height - meters.	Meteorology PLowry	A. R. Lasky	1-220-1
1-19	Comparison of obseved and calculated mean wind speed, 1400-1830, November 25, 1950.	Meteorology PLowry	A. R. Lasky	1-221-1
1-19	30 minute mean lapse-rate and air vs. soil temperature, 1400-1830, November 25, 1950.	Meteorology PLowry	A. R. Lasky	1-222-1 ~~1-222~~
1-19	Logarithmic and power law parameters, 1400-1830, November 25, 1950/	Meteorology PLowry	A. R. Lasky	1-223-1
1-19	Wind speed and direction at 125 meters, 1345-2000, November 25, 1950.	Meteorology PLowry	A. R. Lasky	1-224-1
1-18	0.66 Mev gamma-rays of Cs^{137} as seen with scintillation spectrometer with 10% resolution.	Physics derMateosian	A. R. Lasky	1-225-1
1-22	View of mobile smoke detector unit. Scott is shown reporting back to the home base via radio.	Meteorology PRO JBurt	R. J. Walton	1-226-1
1-22	H. Bohnhorst is shown inspecting anemometer on "ACE".	Meteorology PRO JBurt	R. J. Walton	1-227-1 and 1-228-1
1-22	Stress and Strain Markers.	Cosmotron LSmith	R. J. Walton	1-229-1 thru 1-232-1
1-16	Arc structure with cathode half the way out (Cyclotron).	Cosmtron LStoughton	R. K. Walton	1-233-1

Date	Caption	Dept.	Photographer	Number
1-16	Close-up anode, rear, back face, striaght shot.	Cyclotron LStoughton	R. J. Walton	1-234-1
1-16	Arc structure with cathode half the way out.	Cyclotron LStoughton	R, J. Walton	1-235-1
1-16	Arc structure with anode all the way out.	Cyclotron LStoughton	R. J. Walton	1-236-1
1-16	Close-up of anode head.	Cyclotron LStoughton	R. J. Walton	1-237-1
1-16	Close-up of rear, front face of anode.	Cyclotron LStoughton	R. J. Walton	1-238-1
1-16	Close-up of arc structure, anode and cathode removed, anode gate open.	Cyclotron LStougthon	R. J. Walton	1-239-1
1-16	Remote arc structure control.	Cyclotron LStoughton	R. J. Walton	1-240-1
1-16	Arc structure on operating position.	Cyclotron LStoughton	R. J. W lton	1-241-1
1-16	Close-up of rear, front face of cathode.	Cyclotron LStoughton	R. J. Walton	1-242-1
1-16	Silhouette of anode in place, with cathode in place.	Cyclotron LStoughton	R. J. Walton	1-243-1
1-16	Close-up of filamnet in cathode.	Cyclotron LStoughton	R. J. Walton	1-244-1
1-16	Arc structure with the cathode all the way out.	Cyclotron LStoughton	R. J. Walton	1-245-1
1-16	Close-up anode, rear, back face, straight shot.	Cyclotron LStoughton	R. J. Walton	1-246-1
1-16	Arc structure with ramp down, anode and cathode all the way in.	Cyclotron LStoughton	R. J. Walton	1-247-1
1-16	Anode inside chamber, looking between north dee and liner.	Cyclotron LStoughton	R. J. Walton	1-248-1
1-16	Close-up of arc structure, cathode and anode all the way in.	Cyclotron LSotughton	R. J. Walton	1-249-1
1-16	Close-up of rear, back face of cathode.	Cyclotron LStoughton	R. J. Walton	1-250-1

Date	Caption	Dept.	Photographer	Number
1-16	Arc structure with cathode removed and anode all the way in.	Cyclotron LStoughton	R. J. W lton	1-251-1
1-16	Arc structure with anode half the way out.	Cyclotron LStoughton	R. J. Walton	1-252-1
1-16	Local arc structure control.	Cyclotron LStoughton	R. J. Walton	1-253-1
1-16	Silhouette of anode in place, without cathode in place.	Cyclotron LStoughton	R. J. Walton	1-254-1
1-16	Close-up of arc structure with ramp down otherwise in operating condition.	Cyclotron LStoughton	R. J. Walton	1-255-1
1-16	Arc structure with ramp down, anode and cathode all the way in.	Cyclotron LStoughton	R. J. Walton	1-256-1
1-16	Close-up of arc structure, anode and cathode removed, anode gate closed.	Cyclotron LStoughton	R. J. Walton	1-257-1
1-23	Copies of Scope Pulses.	Physics GGoldhaber	P. Simack	1-258-1 and 1-259-1
1-23	Stress and Strain Markers.	Cosmotron LSmith	R. J. Walton	1-260-1 thru 1-262-1
1-19	New Trucks.	Transp. WWare	R. J. Walton	1-263-1
1-24	Graph. X (cm) vs. T (^{o}K).	Physics RShutt	P. Simack	1-264-1
1-8	Moisture Indicator Probe.	Meteorology Lefkowitz	J. F. Garfield	1-265-1 thru 1-267-1
1-5	Four strips of 16mm film of continuous diffusion cloud chamber.	Physics RShutt	R. J. Walton	1-268-1
1-25	Attempts to determine the distribution of C^{13} in malonic acid.	Chemistry Bigeleisen	M. A. Herbert	1-269-1

Date	Caption	Dept.	Photographer	Number
1-25	Isotopic analysis of methylene carbon in E. K. malonic acid.	Chemistry Bigeleisen	M. A. Herbert	1-270-1
1-25	Isotopic composition of CO_2 produced from the decarboxylation of mesitoic acid.	Chemistry Bigeleisen	M. A. Herbert	1-271-1
1-25	Experimental determination of k_4/k_3 with C^{14}.	Chemistry Bigeleisen	M. A. Herbert	1-272-1
1-25	Decarboxylation of malonic acid.	Chemistry Bigeleisen	M. A. Herbert	1-273-1
1-25	The isotopic composition of the products of a chemical reaction as a function of the amount of reaction.	Chemistry Bigeleisen	M. A. Herbert	1-274-1
1-25	Theoretical evaluation of carbon isotope effect on the rate of decarboxylation of malonic acid.	Chemistry Bigeleisen	M. A. Herbert	1-275-1
1-25	Theoretical evaluation of carbon isotope effect in the decomposition of malonic acid by Pitzer.	Chemistry Bigeleisen	M. A. Herbert	1-276-1
1-25	The isotopic composition of the products of a chemical reaction as a function of the amount of reaction.	Chemistry Bigeleisen	M. A. Herbert	1-277-1
1-25	Theoretical evaluation of carbon isotope effect on the rate of decarboxylation of malonic acid.	Chemistry Bigeleisen	M. A. Herbert	1-278-1
1-25	Isotopic composition of CO_2 produced in the decarboxylation of trichloracetate acid.	Chemistry Bigeleisen	M. A. Herbert	1-279-1
1-24	Stress and Strain Markers.	Cosmotron LSmith	R. J. Walton	1-280-1 thru 1-282-1
1-25	Support for top side of "dee".	Cyclotron WMerkle	R. J. Walton	1-283-1
1-25	Shorting bars inside tank.	Cyclotron WMerkle	R. J. Walton	1-284-1 thru 1-286-1
1-24	Copy of Pulses.	Physics derMateosian	A. R. Lasky	1-287-1

Date	Caption	Dept.	Photographer	Number
1-27	High Pressure Diffusion Chamber.	Physics RShutt	A. R. Lasky	1-288-1
1-27	Decarboxylation of mesitoic acid. (in 85% H_2SO_4).	Chemistry Bigeleisen	A. R. Lasky	1-289-1
1-27	Copy of table from The andromimetic action of adrenal cartical transplants to the seminal vesicle to the adult rat.	Biology SKatsh	A. R. Lasky	1-290-1
1-27	Copy of Rat Parts.	Biology SKatsh	A. R. Lasky	1-291-1
1-27	Photo Neutron Intensities.	Physics GGoldhaber	A. R. Lasky	1-292-1
1-27	Plants per Acre vs. Yield. (bushels per acre).	Biology Singleton	A. R. Lasky	1-293-1
1-27	Percentage of total corn, acreage planted with hybrid seed, 1946, by crop reporting districts.	Biology Singleton	A. R. Lasky	1-294-1
1-27	Average yield bushels per acre, 1929-1948 vs. Bushels per acre - % planted to hybrids.	Biology Singleton	A. R. Lasky	1-295-1
1-27	Corn: Average, yield, production, and price, United States, 1946.	Biology Singleton	A. R. Lasky	1-296-1
1-27	Rocking Curve Calcite. (Old Cleavage Face). 0.82 A Neutrons.	Reactor LBBorst	A. R. Lasky	1-297-1
1-26	View of the electrostatic generator with the beta-ray spectrometer.	Physics DAlburger	R. J. Walton	1-298-1
1-26	Overall view of Spectrometer.	VdeGraaff EHafner	R. J. Walton	1-299-1
1-26	Close-up rear view of spectrometer.	VdeGraaff EHafner	R. J. Walton	1-300-1 ~~1-230-1~~

Date	Caption	Dept.	Photographer	Number
1-27	Total Isomeric Transition Energy of Sn^{119m}.	Physics derMateosian	A. R. Lasky	1-301-1 and 1-302-1
1-27	Figure 1. 500-1500 Volt Supply.	Electronics Higinbotham	A. R. Lasky	1-303-1
1-27	Figure 2. 1-5 KV Supply.	Electronics Higinbotham	A. R. Lasky	1-304-1
1-27	Figure 3. Percent Drift.	Electronics Higinbotham	A. R. Lasky	1-305-1
1-29	Photographic Beta Spectrometer.	Physics JMihelich	J. F. Garfield	1-306-1
1-29	Copy of Pulses.	Physics derMateosian	A. R. Lasky	1-307-1
1-29	Slow Neutron Chopper.	Physics RRandall	R. J. Walton	1-308-1 thru 1-310-1
1-30	Penetrating Shower Detector.	Physics RCool	M. A. Herbert	1-311-1
1-30	Copy. Durst's supplication of Richardson's criterion.	Meteorology RWanta	H. Maile	1-312-1
1-30	Copy. Wind Traces.	Meteorology RWanta	H. Maile	1-313-1
1-30	Copy. Plotted numbers are ranges of gusts at 26m.	Meteorology RWanta	M. A. Herbert	1-314-1
1-30	Copy of Wind Traces. Time vs. Wind Direction.	Meteorology RWanta	M. Al Herbert	1-315-1
1-30	Copy. Time vs. Temperature.	Meteorology RWanta	M. A. Herbert	1-316-1
1-30	Copy of Trace. Time vs. Wind Speed.	Meteorology RWanta	M. A. Herbert	1-317-1
1-30	Reactor Temperature Flash.	Reactor LBBorst	M. A. Herbert	1-318-1

Date	Caption	Dept.	Photographer	Number
1-30	Transient Behavior of Subcritical Reactor.	Reactor LBBorst	M. A. Herbert	1-319-1
1-30	Radial Traverses of Subcritical Reactor.	Reactor LBBorst	M. A. Herbert	1-320-1
1-30	Extrapolation of Critical Mass.	Reactor LBBorst	M. A. Herbert	1-321-1
1-30	Cooling Curve for Heated Uranium Elements.	Reactor LBBorst	M. A. Herbert	1-322-1
1-30	Extrapolation of Critical Mass.	Reactor LBBorst	M. A. Herbert	1-323-1
1-30	Barometric Coefficient Experiment on the Slightly Subcritical BNL Reactor. Correlation of Neutron Counting Rate with Barometer Multiplication Factor of Reactor equals 0.9998.	Reactor LBBorst	M. A. Herbert	1-324-1
1-30	Power Output of Reactor. (Neutron Counting Rate).	Reactor LBBorst	M. A. Herbert	1-325-1
1-30	Neutron Density After Shutdown.	Reactor LBBorst	M. A. Herbert	1-326-1
1-30	Copy. Nuclear Configurations.	Physics MGoldhaber	H. Maile	1-327-1
1-30	Copy. Plot of level positions against odd neutron numbers for the even-odd isomers of the fifth nuclear shell.	Physics MGoldhaber	H. Maile	1-328-1
1-30	Copy. Order of energy levels obtained from those of a square well potential by spin-orbit coupling.	Physics MGoldhaber	H. Maile	1-329-1
1-30	Copy. Decay of Tc^{99m}.	Physics MGoldhaber	M. Herbert	1-330-1
1-30	Lifetime-Energy Relation (A equals 125)	Physics MGoldhaber	M. Herbert	1-331-1 and 1-332-1
1-30	Copy. Bias Voltage vs. Counts/20 sec.	Physics MGoldhaber	M. A. Herbert	1-333-1

Date	Caption	Dept.	Photographer	Number
1-30	Pulses. One hour after pile bombardment.	Physics derMateosian	A. R. Lasky	1-334-1
1-30	Copy of Pulses. Te^{123m} and Hf^{179m}.	Physics derMateosian	A. R. Lasky	1-335-1
1-30	Copy of Pulses. 48 hours after pile bombardment.	Physics derMateosian	A. R. Lasky	1-336-1
1-30	Copy of Graph - Be - 4.5 A^o. Temperature ^oK vs. σ barns.	Physics GJohnson	M. Herbert	1-337-1
1-30	Graph - Graphite - 7.43 A^o. Temperature K vs. σ barns.	Physics GJohnson	M. A. Herbert	1-338-1
1-30	Graph - Graphite. λ -Angstroms vs. σ barns.	Physics GJohnson	M. A. Herbert	1-339-1
1-30	Graph - Be. λ -Angstroms vs. σ barns.	Physics GJohnson	M. A. Herbert	1-340-1
1-30	Neutron Reflection from Liquid Mirrors.	Physics McReynolds	M. A. Herbert	1-341-1
1-30	Neutron Beam Attenuations in four inches of gas.	Physics McReynolds	M. A. Herbert	1-342-1
1-30	Neutron Reflection Lucite Mirror.	Physics McReynolds	M. A. Herbert	1-343-1
1-30	Neutron Reflection from Ethylene glycol three foot angle.	Physics McReynolds	M. A. Herbert	1-344-1
1-30	Neutron Reflection Triethylene glycol 3'.	Physics McReynolds	M. A. Herbert	1-345-1
1-30	Neutron Reflection from Ethylene Glycol at 3' angle.	Physics McReynolds	M. A. Herbert	1-346-1
1-30	Copy of Diagram.	Physics McReynolds	M. A. Herbert	1-347-1
1-29	General view of hot delatometer, Invar assembly and recording instruments.	HotLab HCook	R. J. Walton	1-348-1
1-29	Invar Assembly.	HotLab HCook	R. J. Walton	1-349-1
1-29	Hot Delatometer.	HotLab HCook	R. J. Walton	1-350-1
1-29	Dry Box.	HotLab LStang	R. J. Walton	1-351-1

Date	Caption	Dept.	Photographer	Number
1-30	Pulses Conversion Electron lines of Tc^{99m}.	Physics Goldhaber	P. Simack	1-352-1
1-31	Gamma Ray Life Times. (Weisskopf).	Physics Goldhaber	A. R. Lasky	1-353-1
1-31	Copy of Pulses. Co^{60m} and Sb^{122}.	Physics Goldhaber	A. R. Lasky	1-354-1
1-25	Heat Exchanger.	Reactor SIsakoff	R. J. Walton	1-355-1 thru 1-358-1
1-29	Spherical Pig. 1-359-1 A - no background. 1-3559-1 B - with background.	Biology ASparrow	R. J. Walton	1-359-1 A and 1-359-1 B
1-29	Spherical Pig. 1-360-1 A - no background. 1-36011 B - with background.	Biology ASparrow	R. J. Walton	1-360-1 A and 1-360-1 B
1-31	Filter from evaporating tank.	Reactor Horrigan	R. J. Walton	1-361-1 and 1-362-1
1-31	Block diagram: Current Indicator and Integrator.	Electronics Higinbotham	M. H. Bull	1-363-1
1-31	Schematic diagram of: Current Indicator and Integrator.	Electronics Hignibotham	M. H. Bull	1-364-1

February

Date	Caption	Dept.	Photographer	Number
2-1	Dry Box in the Hot Lab.	Hot Lab LStang	R. J. Walton	2-1-1 and 2-2-1
2-5	Iodine Generator.	Hot Lab LStang	JFG & RJW	2-3-1
2-6	Schematic of experimental set-up in Cyclotron-Van de Graaff building.	Physics DAlburger	H. Maile	2-4-1
2-6	Schematic of Lens Spectrometer set-up.	Physics DAlburger	H. Maile	2-5-1
2-6	Graph showing years of development of various accelerators.	Accel. GCollins	H. Maile	2-6-1 -26-
2-6	Copy of external view of apparatus for generation of 1,220,000 volt protons.	Accel. GCollins	H. Maile	2-7-1
2-6	70. Mev Iron Core Synchrotron.	Accel. GCollins	H. Maile	2-8-1
2-6	Experimental Slide #1. L. S. Bonnell specifications.	FDugan JFGarfield	M. A. Herbert	2-9-1
2-6	Experimental Slide #2. L. S. Bonnell specifications.	FDugan JFGarfield	M. A. Herbert	2-10-1
2-6	Three Experimental Slides.	FDugan JFGarfield	M. A. Herbert	2-11-1 thru 2-13-1
2-6	Experimental Slide.	FDugan JFGarfield	M. A. Herbert	2-14-1
2-9	Experimental Slide.	FDugan JFGarfield	M. A. Herbert	2-15-1
2-7	Work Area Station #6.	Hot Lab Strickland	R. J. Walton	2-16-1
2-9	K & E Scale. Log 3 x 5 cycles.	Physics Harvey	M. A. Herbert	2-17-1

Date	Caption	Dept.	Photographer	Number
2-7	Waste diversion system. Count rate-meter, recorder, and temporary electrical system for waste diversion system.	Reactor PRichards	R. J. Walton	2-18-1
2-7	Waste diversion system. Monitoring tank and motorized valve for diverting contaminated waste from the uncontaminated waste collection tanks.	Reactor PRichards	R. J. Walton	2-19-1
2-9	Hot Lab fan house. 2500 cfm fans and ducting for acid off-gas system.	Reactor PRichards	R. J. Walton	2-20-1
2-9	Hot Lab off-gas monitoring system. Tape filters and instrumentation for detection of radioactive particulate matter.	Reactor PRichards	R. J. Walton	2-21-1
2-9	Hot Lab fan house. Motors and drivers for 15,000 cfm non-acid off-gas fans.	Reactor PRichards	R. J. Walton	2-22-1
2-9	Hot Lab off-gas monitoring system. Recorders for measuring flow in main off-gas ducts.	Reactor PRichards	R. J. Walton	2-23-1
2-9	Hot Lab off-gas monitoring system. Scrubbing towers, counter shields, and instrumentation for radio iodine detection.	Reactor PRichards	R. J. Walton	2-24-1
2-9	Hot Lab fan house. Gasoline powered generator for supplying emergency power for fans.	Reactor PRichards	R. J. Walton	2-25-1
2-9	Hot Lab off-gas monitoring system. Roots blowers used for drawing off constant samples from off-gas ducts.	Reactor PRichards	R. J. Walton	2-26-1
2-9	Hot Lab fan house. 2500 cfm fan for acid off-gas system.	Reactor PRichards	R. J. Walton	2-27-1
2-13	Dehydrogenase activity of corn embryo homogenates.	Biology RVanReen	H. Maile	2-28-1
2-13	Reaction of corn embryo homogenate.	Biology RVanReen	H. Maile	2-29-1
2-13	Absorption Spectrum 0.001% TPT (reduced)	Biology RVanReen	H. Maile	2-30-1 ~~-230-1~~
2-13	Absorption at various formozan concentrations.	Biology RVanReen	H. Maile	2-31-1

Date	Caption	Dept.	Photographer	Number
2-13	Enzyme concentration reaction rate relationship.	Biology RVanReen	H. Maile	2-32-1
2-13	Copy from Photosynthesis in Plants: In chlorophyll a, x equals $-CH_3$ In chlorophyll b, x equals -C	Chemistry KSancier	H. Maile	2-33-1
2-13	Composite Graph.	Chemistry KSancier	H. Maile	2-34-1
2-13	Spectra.	Chemistry KSancier	H. Maile	2-35-1 ~~-235-1~~
2-8	Karl D. Hartzell.	Portrait	APChristoffersen	2-36-1
2-8	Traveling Atomic Library.	PubEd. KHartzell	RFS & RJW	2-37-1 and 2-38-1
2-13	#1 Fan Outboard Top.	Reactor DEdel	R. F. Smith	2-39-1
2-13	#1 Fan Inboard Top.	Reactor DEDEL	R. F. Smihh	2-40-1
2-13	#1 Fan Inboard Bearing.	Reactor DEdel	R. F. Smith	2-41-1
2-13	#1 Fan Outboard Bearing.	Reactor DEdel	R. F. Smith	2-42-1
2-13	Luzula Acuminata Plant.	Biology ASparrow	R. F. Smith	2-43-1 --24-
2-13	Luzula Purpurea Plant.	Biology ASparrow	R. F. Smith	2-44-1
2-13	Tradescantia bud cluster.	Biology ASparrow	R. F. Smith	2-45-1
2-13	Row of five tradescantia plants.	Biology ASparrow	R. F. Smith	2-46-1
2-13	Tradescantia plant showing bud clusters.	Biology ASparrow	R. F. Smith	2-47-1
2-13	Tradescantia bud cluster.	Biology ASparrow	R. F. Smith	2-48-1

Date	Caption	Dept.	Photographer	Number
2-15	Effect of temperature on fixation of mixed fission products attapulgus fullers earth/	Reactor LHatch	H. Maile	2-49-1
2-15	Effect of temperature on fixation of $Sr^{plus\ plus}$ attapulgus fullers earth.	Reactor LHatch	H. Maile	2-50-1
2-15	Effect of temperature on fixation of $Sr^{plus\ plus}$ filtrol montmorillonite (raw).	Reactor LHatch	H. Maile	2-51-1
2-15	Effect of temperature on mixed fission products filtrol montmorillonite (raw).	Reactor LHatch	H. Maile	2-52-1
2-15	Effect of temperature on fixation of mixed fission products attapulgus fullers earth.	Reactor LHatch	H. Maile	2-53-1
2-15	Effect of temperature on fixation of mixed fission products filtrol mont-morillonite (acid activated).	Reactor LHatch	H. Maile	2-54-1 and 2-55-1
2-15	Effect of temperature on fixation of mixed fission products attapulgus f fullers earth.	Reactor LHatch	H. M ile	2-56-1
2-15	Effect of temperature on fixation of $Sr^{plus\ plus}$ filtrol montmorillonite acid activated.	Reactor LHatch	H. Maile	2-57-1
2-15	Methods of radioactive liquid waste disposal.	Reactor LHatch	H. Maile	2-58-1
2-15	Effect of temperature on fixation of mixed fission products filtrol mont-morillonite (raw).	Reactor LHatch	H. Maile	2-59-1 -259-1
2-15	The hexagonal network of linked silicon-oxygen tetrahedral grounds.	Reactor LHatch	H. Maile	2-60-1
2-15	Filtrol Montmorillonite R-2532.	Reactor LHatch	M. H. Bull	2-61-1
2-15	Wave length in microns vs. % Transmission.	Chemistry Thompson	H. Maile	2-62-1 thru 2-64-1
2-15	Copy of Pulses. Co^{60m} Sb^{122}.	Physics derMateosian	H. Maile	2-65-1
2-15	Copy of Pulses. A, B, C, and D.	Physics derMateosian	H. Maile	2-66-1

Date	Caption	Dept.	Photographer	Number
2-15	Overall view of the cosmotron vault.	Cosmotron GBCollins	R. J. Walton	2-67-1
2-16	Wavelength in microns vs. Molar extingtion coefficient.	Chemistry KSancier	H. Maile	2-68-1
2-16	Decay - B^{10}.	Physics DAlburger	H. Maile	2-69-1
2-16	Electron momentum 1,0 equals 502 gauss cm. vs. Scale 64 per 32,000 monitor counts.	Physics DAlburger	H. Maile	2-70-1
2-16	Dr. E. O. Salant and group looking at photograph of nuclear track.	Physics PRO (Burt)	R. F. Smith	2-71-1
2-16	Technician placing particle track on stage of microscope for scanning.	Physics PRO (Burt)	R. F. Smith	2-72-1
2-15	Stress and Strain Gauges.	Cosmotron LSmith	R. J. Walton2	2-73-1 thru 2-79-1
2-19	Copy of sign: Cosmotron coil built by Hyre Electric Company.	Cosmotron CKeenan	M. H. Bull	2-80-1
2-20	Plan of the Experiments.	Biology SKatsh	H. Maile	2-81-1
2-20	The effects of hypophysectomy upon the genital system of the male rat.	Biology SKatsh	H. Maile	2-82-1
2-20	Composite of 11-159-0 and 2-80-1. (Section of cosmotron and sign).	Cosmotron CKeenan	M. H. Bull	2-83-1
	Captions for the following negatives: Bubble action in Oldershaw column.			
2-14	First six negatives.	Reactor Scarlett	R. J. Walton	2-84-1 thru 2-89-1
2-14	Second run top.	Reactor Scarlett	R. J. Walton	2-90-1
2-14	Second run b ottom.	Reactor Scarlett	R. J. Walton	2-91-1

Date	Caption	Dept.	Photographer	Number
2-14	First Run.	Reactor Scarlett	R. J. Walton	2-92-1 thru 2-95-1
2-14	Second run bottom.	Reactor Scarlett	R. J. Walton	2-96-1
2-14	Second run top.	Reactor Scarlett	R. J. Walton	2-97-1
2-14	Test.	Reactor Scarlett	R. J. Walton	2-98-1
2-14	First run top.	Reactor Scarlett	R. J. Walton	2-99-1
2-14	Second run bottom.	Reactor Scarlett	R. J. Walton	2-100-1
2-15	Pile Boron Experiment. Lowering patient into hole for irradiation.	Medical LFarr	RFS & RJW	2-101-1
2-15	Pile Boron Experiment. Preparations for experiment on top of the pile.	Medical LFarr	RFS & RJW	2-102-1
2-15	Pile Boron Experiment. Dr. M. Fox and R. Powell preparing the facilities for the experiment.	Medical LFarr	RFS & RJW	2-103-1
2-15	Pile Boron Experiment. Dr. L. Farr with the patient before irradiation.	Medical LFarr	RFS &RJW	2-104-1
2-15	Pile Boron Experiment. Dr. Foster and nurses comforting patient before irradiation.	Medical LFarr	RFS & RJW	2-105-1
2-15	Pile Boron Experiment. Removing patient from pit after irradiation.	Medical LFarr	RFS & RJW	2-106-1
2-15	Pile Boron Experiment. Close-up of patient's head taken in the operating room showing the probe leading to the brain for alpha count.	Medical LFarr	RFS & RJW	2-107-1
2-15	Pile Boron Experiment. Close-up of patient's head after irradiation.	Medical LFarr	RFS & RJW	2-108-1

Date	Caption	Dept.	Photographer	Number
2-15	Pile Boron Experiment. Doctors positioning patient over hole before treatment.	Medical LFarr	RFS & RJW	2-109-1
2-15	Pile Boron Experiment. Photograph taken during actual irradiation of patient by neutron beam. Patient can be seen in mirror over hole.	Medical LFarr	RFS & RJW	2-110-1
2-15	Pile Boron Experiment. Hole over which patient's head was placed for irradiation by neutron beam.	Medical LFarr	RFS & RJW	2-111-1
2-15	Pile Boron Experiment. Doctors in pit with patient for irradiation.	Medical LFarr	RFS & RJW	2-112-1
2-15	Pile Boron Experiment. View looking down into pit showing hole through which neutron beam will pass.	Medical LFarr	RFS & RJW	2-113-1
2-15	Pile Boron Experiment. View looking down into pit showing stretcher.	Medical LFarr	RFS & RJW	2-114-1
2-15	Pile Boron Experiment. General view of preparations before irradiation.	Medical LFarr	RFS & RJW	2-115-1
2-15	Pile Boron Experiment. Dr. L. Farr and two ~~fo~~ of his staff with patient before irradiation.	Medical LFarr	RFS & RJW	2-116-1
2-15	Pile Boron Experiment. Positioning patient over hole before irradiation .	Medical LFarr	RFS & RJW	2-117-1
2-15	Pile Boron Experiment. Preparing pit for patient.	Medical LFarr	RFS & RJW	2-118-1
2-19	Stress and Strain Gauges.	Cosmotron LSmith	R. J. Walton	2-119-1 thru 2-122-1
2-20	Stress and Strain Gauges.	Cosmotron LSmith	J. T. Garfield ~~R. J. Walton~~	2-123-1 thru 2-126-1

Date	Caption	Dept.	Photographer	Number
2-21	Stress and Strain Gauges.	Cosmotron LSmith	R. J. Walton	2-127-1 thru 2-129-1
2-23	Automatic Specimen Changer for Counter.	HPhysics SHarris	R. F. Smith	2-130-1 thru 2-132-1
2-23	Outline drawing of 6-243-0.	Meteor. Mazzarella	M. H. Bull	2-133-1
2-27	Neuberg's Fermentation in the presence of alkali.	Biology MGibbs	P. Simack	2-134-1
2-27	Neuberg's Normal Fermentation.	Biology MGibbs	P. Simack	2-135-1
2-27	Neuberg's fermentation in the presence of sulfite.	Biology MGibbs	P. Simack	2-136-1
2-27	Alcoholic femmentation by the Embden-Meyrhof-Parnas Scheme and the Cori Scheme for the fermentation and synthesis of polysaccharides.	Biology MGibbs	P. Simack	2-137-1
2-27	Pyridine ring and a free hydrogen ion on the phosphate group.	Biology MGibbs	P. Simack	2-138-1
2-27	Products of the alcohol fermentation of sugar by yeast.	Biology MGibbs	P. Simack	2-139-1
2-28	Fermentation of glucose by coli-aerogenes bacteria.	Biology MGibbs	H. Maile	2-140-1
2-28	Fermentation of Glucose.	Biology MGibbs	H. Maile	2-141-1
2-27	Curves for N_K/N_L as a function of Z^2/E.	Physics Goldhaber	H. Maile	2-142-1 --~~2142-1~~
2-28	Decay of In^{115m}.	Physics Goldhaber	H. Maile	2-143-1
2-28	Experimental K/L Ratios for M 4 Transitions.	Physics Goldhaber	H. Maile	2-144-1

Date	Caption	Dept.	Photographer	Number
2-16	Pole face windings -.wrapping glass cloth around copper rods.	Cosmotron JMede	R. J. Walton	2-145-1
2-16	Transferring copper rod from forming table to mold.	Cosmotron JMede	R. J. Walton	2-146-1
2-16	Hammering kinks out of copper rods.	Cosmotron JMede	R. J. Walton	2-147-1
2-16	Copper rods stacked in forms - end view.	Cosmotron JMede	R. J. Walton	2-148-1
2-16	John Mede and Gus Pobjecky mixing resin to be used in pouring pole face windings.	Cosmotron JMede	R. J. Walton	2-149-1
2-16	Winding glass tape around copper rods.	Cosmotron JMede	R. J. Walton	2-150-1
2-16	Winding tape around copper rods.	Cosmotron JMede	R. J. Walton	2-151-1
2-16	Brazing connector on end of copper rod.	Cosmotron JMede	R. J. Walton	2-152-1
2-16	Brazing connector on end of copper rod.	Cosmotron JMede	R. J. Walton	2-153-1
2-21	Fitting form in place in preparation for pouring resin.	Cosmotron JMede	R. J. Walton	2-154-1
2-21	Sealing joints in form with putty to make form vacuum tight.	Cosmotron JMede	R. J. Walton	2-155-1
2-21	End view of form, showing windings in place and reservoir for resin.	Cosmotron JMede	R. J. Walton	2-156-1
2-21	Pouring resin into form.	Cosmotron JMede	R. J. Walton	2-157-1
2-23	General view of set-up for making the "Pole Face Windings".	Cosmotron JMede	R. J. Walton	2-158-1
2-26	Stripping Form.	Cosmotron JMede	R. J. Walton	2-159-1
2-26	Valves for vacuum system.	Cosmotron CLasky	R. J. Walton	2-160-1

Date	Caption	Dept.	Photographer	Number
2-26	Vacuum Chambers.	Cosmotron CLasky	R. J. Walton	2-161-1
2-26	Bridge assemblies awaiting installation.	Cosmotron CLasky	R. J. Walton	2-162-1
2-26	Water hose connections from coil.	Cosmotron JMede	R. J. Walton	2-163-1
2-26	Kinney Pump.	Cosmotron CLasky	R. J. Walton	2-164-1
2-26	Component for diffusion pump.	Cosmotron CLasky	R. J. Walton	2-165-1
2-26	Water hose connection.	Cosmotron JMede	R. J. Walton	2-166-1
2-26	Water hose connections and valves for flow control.	Cosmotron JMede	R. J. Walton	2-167-1
2-27	R.F. pre-amp gate and automatic gain control, front view.	Cosmotron MPlotkin	R. J. Walton	2-168-1
2-27	R.F. pre-amp gate and automatic gain control, rear view.	Cosmotron MPlotkin	R. J. Walton	2-169-1
2-27	Diffusion Pump.	Cosmotron CLAsky	R. J. Walton	2-170-1
2-27	Main terminal box for the cosmotron.	Cosmotron JWalsh	R. J. Walton	2-171-1
2-27	Control station for cosmotron in vault.	Cosmotron JWalsh	R. J. Walton	2-172-1
2-27	Rear view of communication panel.	Cosmotron JWalsh	R. J. Walton	2-173-1
2-27	Front view of communication board.	Cosmotron JWalsh	R. J. Walton	2-174-1
2-27	Pole winding being set on trolley for removal to storage area.	Cosmotron JMede	R. J. Walton	2-175-1
2-27	Pole winding being stripped from form.	Cosmotron JMede	R. J. Walton	2-176-1
2-27	Diffusion Pumps.	Cosmotron CLasky	R. J. Walton	2-177-1

Date	Caption	Dept.	Photographer	Number
2-28	Injector for diffusion pimps and vacuum system.	Cosmotron CLasky	R. J. Walton	2-178-1
2-28	Raceway for the cosmotron.	Cosmotron JWalsh	R. J. Walton	2-179-1
2-28	Control station for the Van de Graaff generator.	Cosmotron Cottingham	R. J. Walton	2-180-1 and 2-181-1
2-28	Bottom view of filter holder for waste disposal.	Reactor Horrigan	R. F. Smith	2-182-1
2-28	Top view of filter holder for waste disposal.	Reactor Horrigan	R. F. Smith	2-183-1
51	Slide No. A-2756-E (A) 198	Biology Sparrow	R.F. Smith	2-184-1
2-1	Slide No. A-2315-C 279		R.F. Smith	2-185-1
2-1	Slide No. A-2910-N (F) 296	Sparrow	R.F. Smith	2-186-1
2-1	Slide No. A-2910-N (E) 295	Sparrow	R.F. Smith	2-187-1
2-1	Slide No. A-2910-N (a) 291	Sparrow	R.F. Smith	2-188-1
2-1	Slide No. A-2910-N (G) 297	Sparrow	R.F. Smith	2-189-1
2-1	Slide No. A-2910-N (C) 293	Sparrow	R.F. Smith	2-190-1
2-1	Slide No. A-2910-N (B) 292	Sparrow	R.F. Smith	2-191-1
2-1	Slide No. A-2910-N (I) 299	Sparrow	R.F. Smith	2-192-1
2-1	Slide No. A-2910-N (D) 294	Sparrow	R.F. Smith	2-193-1
2-1	Slide No. A-2910-N (K) 301	Sparrow	R.F. Smith	2-194-1
2-1	Slide No. A-2910-B (B) 290	Sparrow	R.F. Smith	2-195-1
2-1	Slide No. A-2910-J 300	Sparrow	R.F. Smith	2-196-1
2-1	Slide No. A-2971-K2 (D) 285	Sparrow	R.F. Smith	2-197-1
2-1	Slide No. A-2971-K2 (E) 286	Sparrow	R.F. Smith	2-198-1
2-1	Slide No. 2971-K3 (A) 280	Sparrow	R.F. Smith	2-199-1
2-1	Slide No. 2971-K2 (C) 284	Sparrow	R.F. Smith	2-200-1
2-1	Slide No. 2971-K3 (B) 281	Sparrow	R.F. Smith	2-201-1
2-1	Slide No. A-2971-K2 (F) 287	Sparrow	R.F. Smith	2-202-1
2-1	Slide No. A-2971-K2 (A) 282	Sparrow	R.F. Smith	2-203-1

Date	Caption	Dept.	Photographer	Number
2-1	Slide No. A-2971-B (C) 308	Sparrow	R.F. Smith	2-204-1
2-1	Slide No. A-2971-B (B) 307	Sparrow	R.F. Smith	2-205-1
2-1	Slide No. A-2971-B (A) 306	Sparrow	R.F. Smith	2-206-1
2-1	Slide No. A-2971-D (D) 305	Sparrow	R.F. Smith	2-207-1
2-1	Slide No. A-2971-D (A) 302	Sparrow	R.F. Smith	2-208-1
2-1	Slide No. A-2971-D (B) 303	Sparrow	R.F. Smith	2-209-1
2-1	Slide No. A-2971-D (C) 304	Sparrow	R.F. Smith	2-210-1
2-1	Slide No. A-2910-B (A) 289	Sparrow	R.F. Smith	2-211-1
2-6	Slide No. A-124-C 309	Sparrow	R.F. Smith	2-212-1
2-27	Slide No. A410 V 311	Sparrow	R.F. Smith	2-213-1
2-27	Slide No. A-2910N (A1) 310	Sparrow	R.F. Smith	2-214-1
2-27	Slide No. A-2971-E (A) 312	Sparrow	R.F. Smith	2-215-1
2-27	Slide No. A-2971-E (B) 313	Sparrow	R.F. Smith	2-216-1
2-1	Slide No. A-2971-K2 (B) 283	Sparrow	R.F. Smith	2-217-1
2-1	Slide No. A-2910-N (H) 298	Sparrow	R.F. Smith	2-218-1
2-1	Slide No. A-3027-B 288	Sparrow	R.F. Smith	2-219-1

March

Date	Caption	Dept.	Photographer	Number
3-5	Electrostatic Beta Spectrograph.	Physics EChurch	H. Maile	3-1-1
3-5	Lifetime-Energy Relation for M-4 Isomers.	Physics ASunyar	H. Maile	3-2-1
3-5	Energy levels as a function of (r_1/r_o).	Physics MGoldhaber	H. Maile	3-3-1
3-5	Gamma-rays and X-rays of Ir^{192m} and Te^{123m} as seen with an Argon-filled proportional counter.	Physics MGoldhaber	H. Maile	-3-4-1
3-1	Stress and Strain Gauges.	Cosmotron LSmith	R. J. Walton	3-5-1 thru 3-7-1
3-5	Moving R.F. stage assembly to the cosmotron vault.	Cosmotron Yuan	R. J. Walton	3-8-1 thru 3-13-1
3-2	Tradescantia Plants. Photographs taken in the greenhouse.	Biology ASparrow	R. F. Smith	3-14-1 and 3-15-1
3-6	1.5 KV Power Supply, front view.	Electronics Higinbotham	R. F. Smith	3-16-1
3-6	1.5 KV Power Supply, bottom view.	Electronics Higinbotham	R. F. Smith	3-17-1
3-6	1.5 KV Power Supply. Top view, cover off.	Electronics Higinbotham	R. F. Smith	3-18-1
3-6	1.5 KV Power Supply. Top view, cover on.	Electronics Higinbotham	R. F. Smith	3-19-1
3-7	Injector	Cosmotron CLasky	R. J. Walton	3-20-1 thru 3-23-1
3-7	Degreaser	Cosmotron CLasky	R. J. Walton	3-24-1 and 3-25-1
3-9	Apparatus for studying neutrino recoils.	Chemistry RDavis	N. A. Herbert	3-26-1
3-12	Effect of Pile Effluent	Health Phy. Cowan	H. Maile	3-27-1

Date	Caption	Dept.	Photographer	Number
3-12	Effect of Pile Effluent	Health Phy. Cowan	H. Maile	3-28-1
3-13	End view of Poleface winding showing tops	Cosmotron J. Mede	R. J. Walton	3-29-1
3-13	Jig used to hold sail taps in position during the pour.	Cosmotron JMede	R. J. Walton	3-30-1
3-14	Area clearance corrected for surface area of 1.73 sq. m.	Medical Farr	M. Bull	3-31-1
3-14	Integral cross section per targwt nucleus vs Atomic wt. of target	Physics Hornbostel	Sinack	3-32-1
3-14	Integral cross section per target nucleus/number of prongs per star	Physics Hornbostel	Sinack	3-33-1
3-14	Copies of circuitry	Electronics O'Neill	Sinack	3-34-1 thru 3-39-1
3-14	Oil particles	Meteorology Bohnhorst	Smith	3-40-1
3-14	Oil particles	Meteorology Bohnhorst	Smith	3-41-1
3-7	Male cancer patient in hospital. Top view of head (flat light)	Medical Farr	Smith	3-42-1
3-7	Male cancer patient in hospital. Top view of head (oblique light)	Medical Farr	Smith	3-43-1
3-7	Male cancer patient in hospital. Front view of head.	Medical Farr	Smith	3-44-1
3-7	Male cancer patient in hospital. Left side of head.	Medical Farr	Smith	3-45-1
3-14	James M. Knox - Portrait		Garfield	3-46-1
3-12	Filter for Waste Disposal in Hot Lab	Hot Lab Horrigan	Smith	3-47-1
3-12	Filter for Waste Disposal in Hot Lab	Hot Lab Horrigan	Smith	3-48-1
3-12	Filter for Waste Disposal in Hot Lab	Hot Lab Horrigan	Smith	3-49-1
3-12	Filter for Waste Disposal in Hot Lab	Hot Lab Horrigan	Smith	3-50-1

1951

Date	Caption	Dept.	Photographer	Number
3-15	Fraction of disintegrations recorded--voltage.	Biology Steele	Maile	3-51-1
3-15	Schematic diagram - organic assay - analysis apparatus	ANDERSON CHEM.	Maile	3-52-1
3-15	CO_2 Counter	ANDERSON CHEM.	Maile	3-53-1
3-15	Two - liquid manometer construction.	ANDERSON CHEM	Maile	3-54-1
3-15	Glucose-1-C^{14} Fermentation by Leuconostoc mesenteriodes. Strain 39.	BIO. GIBBS	Maile	3-55-1
3-15	Glucose-3,4 C_2^{14} Fermentation by Leuconostoc mesenteriodes. Strain 39.	BIO. GIBBS	Maile	3-56-1
3-15	Reduction of Acetate to Ethanol Leuconostoc mesenteriodes, Strain 39.	Gibbs Biology	Maile	3-57-1
3-15	Degradation of Ethanol and Lactate from Glucose - 3, 4, C_2^{14}.	Biology Gibbs	Maile	3-58-1
3-15	MM. CO 2tension at 25°.	Biology Steele	Maile	3-59-1
-15	Characteristics of Four Gas Phase Counter Tubes.	Biology Steele	Maile	3-60-1
3-15	Reproducibility of Counting Rate for Samples of a Ba $C^{14}O_3$	Biology Steele	Maile	3-61-1
3-15	Comparison of Counting Efficiencies of Gas Phase and Solid Counters at 100 min. Total Counting Time.	BIO. STEELE	Maile	3-62-1
3-15	Carbon Analysis by Wet Combustion.	BIO. STEELE	Maile	3-63-1
3-15	Analyses of C^{14} Content of C^{14} Sucrose by Gas Phase Counting	BIO. STEELE	Maile	3-64-1
3-15	Calculations for Gas Phase Counting.	Biology Steele	Maile	3-65-1
3-15	Van Slyke Pipette, without stopcock, capacity 0.2 ml.	Biology Steele	Maile	3-66-1
3-15	Apparatus for Conversion of Water to Ethane	Chemistry RCAnderson	Lasky	3-67-1
3-16	Average Number of Centric Fragments or Micronuclei Calculated on the Basis of 100 Microsporocytes.	Biology Sparrow	Maile	3-68-1
3-16	Frequency of extra chromosomes in wild population of trillium erectum	Biology Sparrow	Maile	3-69-1

1951

Date	Caption	Dept.	Photographer	Number
3-16	Effects of acute and chronic radiation on plant growth.	Biology Sparrow	Maile	3-70-1
3-16	Trillium-Pachytene Pollen Mother Cell Nuclei (A17, MC).	Biology Moses	Maile	3-71-1
3-16	Trillium-Pachytene Pollen Mother Cell Nuclei (36A 6B)	Biology Moses	Maile	3-72-1
3-16	Trillium-Pachytene Pollen Mother Cell Nuclei (36A 6B).	Biology Moses	Maile	3-73-1
3-16	Site Plan (future).	AP & PM McCornack	Bull	3-74-1
3-22	Production form.	Photography RBrown	Bull	3-75-1
3-16	Effect of X-rays (20,000 r) on Methyl Green Reaction in Trillium Pachytene Pollen Mother Cell Nuclei.	Biology Moses	Maile	3-76-1
3-16	Anthers Fixed in Carony's 1 hr. after Irradiation and Sectioned at 6 μ.	Biology Moses	Maile	3-77-1
3-16	Hydrolysis with N HCl at 60° C.	Biology Moses	Maile	3-78-1
3-16	Amount of dye per nucleus expressed in Arbitrary Units ($E_{550} \times d^3$).	Biology Moses	Maile	3-79-1
3-16	Effect on Feulgen Reaction, etc.	Biology Moses	Maile	3-80-1
3-21	Below the inversion trail.	Meteorology Mazzarella	Mazzarella	3-81-1
3-21	Densitometer #2 on station.	Meteorology Mazzarella	Mazzarella	3-82-1
3-21	Inversion fanning.	Meteorology Mazzarella	Mazzarella	3-83-1
3-21	Counts from two trails.	Meteorology Mazzarella	Mazzarella	3-84-1
3-21	Inversion break-up.	Meteorology Mazarella	Mazzarella	3-85-1
3-21	King thermohm tests.	Meteorology Mazzarella	Mazzarella	3-86-1
3-21	Trailer and densitometer.	Meteorology Mazzarella	Mazzarella	3-87-1

1951

Date	Caption	Dept.	Photographer	Number
3-21	HP and Meteorology trailers.	Meteorology Mazzarella	Mazzarella	3-88-1
3-21	= 100 x percent change per sec.	Reactor Binns	Maile	3-89-1
3-21	τ = generation time.	Reactor Binns	Maile	3-90-1
3-21	T = reactor period.	Reactor Binns	Maile	3-91-1
3-21	S = number of neutrons emitted per generation by the source.	Binns Reactor	Maile	3-92-1
3-21	Dr. E. U. Condon & J. Hipple with the spherical magnet. (copy).	Physics Goudsmit	Maile	3-93-1
3-21	General view from observation platform during radiation. Patient's head can be seen in mirror.	Medical Farr	Smith & Walton	3-94-1
3-21	Close-up of top of patient's head showing counter probes taken in operating room.	Medical Farr	Smith & Walton	3-95-1
3-21	Close-up of patient's head taken in operating room after counter probes have been inserted (Front view).	Medical Farr	Smith & Walton	3-96-1
3-21	Technician recording alpha count from probes in normal and cancerous tissue of patient's brain during radiation in pile Boron experiment.	Medical Farr	Smith & Walton	3-97-1
3-21	Drs. William H. Sweet and James Robertson watch counters during radiation.	Medical Farr	Smith & Walton	3-98-1
3-21	Dr. Foster injecting the Boron compound into patient's arm before the start of radiation.	Medical Farr	Smith & Walton	3-99-1
3-21	Medical shot taken in X-ray, showing Dr. Sweet placing probes in brain of patient.	Medical Farr	Smith & Walton	3-100-1
3-21	Dr. William Sweet and Dr. Farr comforting patient before radiation.	Medical Farr	Smith & Walton	3-101-1
3-21	Positioning patient's head on foam rubber cushions to prepare for radiation.	Medical Farr	Smith & Walton	3-102-1

1951

Date	Caption	Dept.	Photographer	Number
3-21	Dr.'s Sweet, Robertson & Farr shown watching veder meter & radiation counter	Medical Farr	Smith & Walton	3-103-1
3-21	Photo of Dr. William Sweet inserting probe counters in brain of patient.	Medical Farr	Smith & Walton	3-104-1
3-21	General view of medics lowering patient into hole in preparation for radiation.	Medical Farr	Smith & Walton	3-105-1
3-21	Patient in position at bottom of pit before radiation.	Medical Farr	Smith & Walton	3-106-1
3-21	Medical shot showing patient in hole, and wires running from probe in his head to counters.	Medical Farr	Smith & Walton	3-107-1
3-21	Photo taken by remote control with camera mounted over pit and showing counters and observation platform in background.	Medical Farr	Smith & Walton	3-108-1
3-21	Close-up of patient, taken right after radiation showing scar.	Medical Farr	Smith & Walton	3-109-1
3-21	Left to right, Dr.'s. Fox and Farr, watching patient during radiation from observation platform. (Cropping showing only Dr. Farr.)	Medical Farr	Smith & Walton	3-110-1
3-20	View of water main & trenches opposite police station.	AP & PM Ruddy	Garfield	3-111-1
3-20	View of water main & trenches opposite police station.	AP & PM Ruddy	Garfield	3-112-1
3-20	View of water main & trenches opposite police station.	AP & PM Ruddy	Garfield	3-113-1
3-20	View of water main & trenches opposite police station.	AP & PM Ruddy	Garfield	3-114-1
3-20	View of water main & trenches opposite police station.	AP & PM Ruddy	Garfield	3-115-1
3-16	MG engine room in Cosmotron building.	Cosmotron	Garfield	3-116-1
3-16	MG engine room in Cosmotron building.	Cosmotron	Garfield	3-117-1
3-23	Minometer Scale - Step I - 1/20 reduction.	H. Physics S. Block	Bull	3-118-1 A &
3-23	Mino.Scale--Step II--1/100 reduction.	"	"	3-118-1 B
3-19	Reactor. Glass tubes used in experiment.	Reactor CRaseman	Walton	3-119-1

1951

Date	Caption	Dept.	Photographer	Number
3-19	Over-all view showing panel rack containing the high voltage supplies, amplifiers, scalers - Brown recorders, lucite box, etc.	Reactor CRaseman	Walton	3-120-1
3-19	Panel rack containing high voltage supplies, amplifiers, and sealers.	Reactor CRaseman	Walton	3-121-1
3-19	View of hot box showing Pre-amplifiers, columns, lead pigs, etc.	Reactor Raseman	Walton	3-122-1
3-19	Counter in lead pig.	Reactor CRaseman	Walton	3-123-1
3-27	Tulip flat in greenhouse.	Biology Sparrow	Smith	3-124-1
3-27	Photomicrograph of Divinylbenzene Polymer.	Reactor CRaseman	Smith	3-125-1
3-27	Photomicrograph of Divinylbenzene Polymer.	Reactor CRaseman	Smith	3-126-1
3-27	Photomicrograph of Dowex 50-H^+ 10N, 60-70 mesh.	Reactor CRaseman	Smith	3-127-1
3-27	Photomicrograph of Dowex 50-H^+ 10N, 60-70 mesh.	Reactor CRaseman	Smith	3-128-1
3-26	Map of south tract.	AP & PM McCornack	Maile	3-129-1
3-21	Meteorology negatives. Miniature smoke generator.	Meteorology Bohnhorst	Bohnhorst	3-130-1
3-21	Miniature smoke generator.	Meteorology Bohnhorst	Bohnhorst	3-131-1
3-21	Meteorological instrument.	Meteorology Bohnhorst	Bohnhorst	3-132-1
3-21	Meteorological instrument.	Meteorology Bohnhorst	Bohnhorst	3-133-1
3-21	Meteorological instrument.	Meteorology Bohnhorst	Bohnhorst	3-134-1
3-26	Geiger tube.	Reactor CRaseman	Maile	3-135-1
3-27	Fig. 4 - magnetic heading in degrees.	Cosmotron S.Golian	Maile	3-136-1

1951

Date	Caption	Dept.	Photographer	Number
3-27	Fig. 3 - magnetic orientation device assembly.	Cosmotron SGolian	Maile	3-137-1
3-27	Fig. 1a, Fig. 1b, and Fig. 1c.	Cosmotron SGolian	Maile	3-138-1
3-21	Slide No. A-1869-B 315	Biology Sparrow	R.F. Smith	3-139-1
3-21	Slide No. A-2971-I (E) 320	"	R.F. Smith	3-140-1
3-21	Slide No. A-2971-I (H) 323	Sparrow	R.F. Smith	3-141-1
3-21	Slide No. A-2971-I (D) 319	Sparrow	R.F. Smith	3-142-1
3-21	Slide No. A-2971-I (B) 317	Sparrow	R.F. Smith	3-143-1
3-21	Slide No. A-2971-I (A) 316	Sparrow	R.F. Smith	3-144-1
3-21	Slide No. A-2971-I (F) 321	Sparrow	R.F. Smith	3-145-1
3-21	Slide No. A-2971-I (G) 322	Sparrow	R.F. Smith	3-146-1
3-21	Slide No. A-2971-I (C) 318	Sparrow	R.F. Smith	3-147-1
3-21	Slide No. A-2971-D 314	Sparrow	R.F. Smith	3-148-1
3-21	Slide No. A-4063-G 339	Sparrow	R.F. Smith	3-149-1
3-26	Slide No. A-4064-B (D) 333	Sparrow	R.F. Smith	3-150-1
3-26	Slide No. A-4046-B (C) 332	Sparrow	R.F. Smith	3-151-1
3-26	Slide No. A-4064-B (B) 331	Sparrow	R.F. Smith	3-152-1
3-26	Slide No. A-4064-B (A) 330	Sparrow	R.F. Smith	3-153-1
3-26	Slide No. A-4066-C (B) 325	Sparrow	R.F. Smith	3-154-1
3-26	Slide No. A-4066-C (D) 327	Sparrow	R.F. Smith	3-155-1
3-26	Slide No. A-4066-C (A) 324	Sparrow	R.F. Smith	3-156-1
3-26	Slide No. A-4067-A (E) 338	Sparrow	R.F. Smith	3-157-1
3-26	Slide No. A-4067-A (D) 337	Sparrow	R.F. Smith	3-158-1
3-26	Slide No. A-4067-A (C) 336	Sparrow	R.F. Smith	3-159-1
3-26	Slide No. A-4067-A (B) 335	Sparrow	R.F. Smith	3-160-1
3-26	Slide No. A-4067-A (A) 334	Sparrow	R.F. Smith	3-161-1
3-26	Slide No. A-4066-C (C) 326	Sparrow	R.F. Smith	3-162-1

Date	Caption	Dept.	Photographer	Number
3/26/51	Slide No. A-4066-C (F) 329	Biology Sparrow	R.F. Smith	3-163-1
3/26/51	Slide No. A-4066-C (E) 328	Sparrow	R.F. Smith	3-164-1

April

1951

Date	Caption	Dept.	Photographer	Number
4-2	Aerial view of Gamma radiation field.	Biology F.German	Walton	4-1-1
4-2	Aerial view of Gamma radiation field.	F. German Biology	Walton	4-2-1
3-27	Lowering glass wool filter into compression evaporator.	Hot Lab Horrigan	Garfield	4-3-1
3-27	Lowering glass wool filter into compression evaporator.	Hot Lab Horrigan	Garfield	4-4-1
4-2	Flourine pressure regulator.	Reactor R. Heus	Walton	4-5-1
4-2	Flourine pressure regulator.	Reactor R. Heus	Walton	4-6-1
4-2	Flourine pressure regulator -- exploded view.	Reactor R. Heus	Walton	4-7-1
4-3	Fig. 8 -- Newton*s experiment.	Reactor EZFireman	Simack	4-8-1
3	Zu Fraunhofer's Abh. Denkscher. 1814-15.	Reactor EZFireman	Simack	4-9-1
4-3	Chart -- Zone of Thermo Nuclear Reaction.	Reactor EZFireman	Simack	4-10-1
4-3	Chart -- indicating the sun's intermediate temperatures.	Reactor EZFireman	Simack	4-11-1
4-3	Chart -- showing density of matter in sun's interior, etc.	Reactor EZFireman	Simack	4-12-1
4-4	Left front view of shorting bar.	Cyclotron W. Merkle	Smith	4-13-1
4-4	Right front view of shorting bar.	Cyclotron W. Merkle	Smith	4-14-1
4-4	Front view of shorting bar chamber with technician making adjustments.	Cyclotron W. Merkle	Smith	4-15-1
4-4	Over-all view of back of shorting bar chamber.	Cyclotron W. Merkle	Smith	4-16-1
-4	Back view of shorting bar.	Cyclotron W. Merkle	Smith	4-17-1
4-4	Back view of shorting bar chamber in Cyclotron.	Cyclotron W. Merkle	Smith	4-18-1

Date	Caption	Dept.	Photographer	Number
4-4	View in shorting bar chamber of cyclotron.	Cyclotron W. Merkle	Smith	4-19-1
3/22	Side view of patient's head after radiation.	Medical Farr	Smith & Walton	4-20-1
3-22	Top of patient's head showing counting probe before radiation.	Medical Farr	Smith & Walton	4-21-1
3-22	General view taken from observation platform during radiation.	Medical Farr	Smith & Walton	4-22-1
3-22	Dr. Farr & Dr. Borst on the observation platform during radiation of cancer patient. Boron experiment.	Medical Farr	Smith & Walton	4-23-1
3-22	Positioning patient for radiation.	Medical Farr	Smith & Walton	4-24-1
3-22	Injecting the Boron compound into patient prior to radiation.	Medical Farr	Smith & Walton	4-25-1
4-5	Chart. Conversion electron lines of Tc^{99m}.	Physics Mihelich	Simack	4-26-1
4-5	Liquid level indicator.	Hot Lab GJSelvin	Garfield	4-27-1
4-5	Liquid level indicator.	Hot Lab GJSelvin	Garfield	4-28-1
4-5	Liquid level indicator.	Hot Lab GJSelvin	Garfield	4-29-1
4-4	12" drain line - T-480 project.	AP & PM Ruddy	Garfield	4-30-1
4-4	12" drain line - T-480 project.	AP & PM Ruddy	Garfield	4-31-1
4-4	12" drain line - T-480 project.	AP & PM Ruddy	Garfield	4-32-1
4-4	12" drain line - T-480 project.	AP & PM Ruddy	Garfield	4-33-1
4-4	Lilly plants 60 R/Day	Biology Sparrow	Smith	4-34-1
4	Lilly plant 60 R/Day	Biology Sparrow	Smith	4-35-1
-4	Lilly plants 150 R/Day	Biology Sparrow	Smith	4-36-1

1951

Date	Caption	Dept.	Photographer	Number
4-4	Lilly plants 0 R/Day	Biology Sparrow	Smith	4-37-1
4-4	Lilly plants showing radiation effect.	Biology Sparrow	Smith	4-38-1
4-2	Portrait.	Library JBinnington	APC	4-39-1
4-6	Graph. Experimental K/L ratios for E2 transitions.	Physics ASunyar	Maile	4-40-1
4-6	Graph. Experimental K/L ratios for E3 transitions.	Physics ASunyar	Maile	4-41-1
4-6	Graph. Lifetime-energy relation for E_4, M_4, E5 transitions.	Physics ASunyar	Maile	4-42-1
4-6	Experimental K/L ratios for M_4, E_4 and E5 transitions. Graph.	Physics ASunyar	Maile	4-43-1
4-6	Normalized lifetime-energy relations for E3, E_4, & E5 transitions. Graph.	Physics ASunyar	Maile	4-44-1
4-5	Slugs (which are duplicates of the sources), can on which slugs are sealed, and self-attaching cover for pig. This is part of 200 Curie source which will be set in Gamma field.	H.Physics L. Gemmel	Walton	4-45-1
4-10	Equivalent lifetime-energy relations for M_4 transitions. Graph.	Physics ASunyar	Maile	4-46-1
4-10	Lifetime-energy relations for E3 and M3 transitions.	Physics ASunyar	Maile	4-47-1
4-10	Emperical K/L ratios for electric transitions.	Physics ASunyar	Maile	4-48-1
4-10	Equivalent lifetime-energy relations for M_4 transitions.	Physics ASunyar	Maile	4-49-1
4-10	Extrapolated conversion coefficient.	Physics ASunyar	Maile	4-50-1
4-2	Portrait. Dr. Sinex.	Medical Sinex	Christoffersen	4-51-1
27	Smoke run during a morning inversion.	Meteorology M. Smith	Garfield	4-52-1
4-9	Graph. Bandes de Schumann-Runge.	Physics Goudsmit	Maile	4-53-1

Date	Caption	Dept.	Photographer	Number
4-5	Dave Balber capping "can" containing source.	L.Gemmell HPhysics	R.J.Walton	4-54-1
4-5	Setting - raising and lowering control pole in place on top of "pig".	HPhysics L.Gemmell	R.J.Walton	4-55-1
4-5	Transferring, by use of a remotely controlled magnet, the source from cleaning solution to water.	L.Gemmell HPhysics	R.J.Walton	4-56-1
4-5	Getting prepared to transfer source.	L.Gemmell HPhysics	R.J.Walton	4-57-1
4-6	Setting in place the pole which will be used to raise and lower 200 Curie source.	L.Gemmell HPhysics	R.J.Walton	4-58-1
4-6	Looking down on "pig".	L.Gemmell HPhysics	R.J.Walton	4-59-1
4-5	Washing "pig".	L.Gemmell HPhysics	R.J.Walton	4-60-1
4-5	Can containing source being attached to the "pig's" cover.	HPhysics L.Gemmell	R.J.Walton	4-61-1
4-5	Setting "pig" in Gamma Filed.	L.Gemmell HPhysics	R.J.Walton	4-62-1
4-5	Transferring source from cleaning Solution to water, by means of electro-magnet-operated by remote control.	L.Gemmell HPhysics	R.J.Walton	4-63-1
4-9	Tradscantia plants in bloom.	A.Sparrow Biology	R.J.Walton	4-64-1
4-11	Yield per 10,000 monitor count. Graph.	HMotz VandeGraaf	P.Simack	4-65-1
4-11	Graph. Published energies for Al^{28},	HMotz VandeGraaf	P.Simack	4-66-1
4-11	Graph. Kinetic energy (MEV).	HMotz VandeGraaf	P.Simackq	4-67-1
4-11	Graph. Relative specific activities of ATP and hexose monophosphates in muscles of cats and frogs.	Sacks Biology	P.Simack	4-68-1
4-11	Graph. Specific activity by time.	Sacks Biology	P.Simack	4-69-1

1951

Date	Caption	Dept.	Photographer	Number
4-11	Graph. Fraction of Respiratory CO_2 derived from sucrose at various points in time after sucrose feeding.	Biology Steele	Simack	4-70-1
4-11	Graph. Relative specific activities of respiratory CO_2 carbon & whole liver carbon after C^{14} sucrose.	Biology Steele	Simack	4-71-1
4-11	Graph. Fraction of ingested sucrose carbon expired as Co_2 up to indicated time after feeding.	Biology Steele	Simack	4-72-1
4-11	Graph. Relative specific activities of respiratory CO_2 carbon and tissue carbon after C^{14} sucrose ingestion.	Biology Steele	Simack	4-73-1
4-11	Graph. C^{14} disappearance curves; 18 mouse tissues.	Biology Steele	Simack	4-74-1
4-9	Suspended oil particles.	Meteorology Bohnhorst	Smith	4-75-1
-9	Suspended oil particles.	Meteorology Bohnhorst	Smith	4-76-1
4-9	Suspended oil particles.	Meteorology Bohnhorst	Smith	4-77-1
4-9	Suspended oil particles.	Meteorology Bohnhorst	Smith	4-78-1
4-12	Graph. Elongation vs. number of cycles BNL Fuel cartridge. Log in D- up-classified [illegible] 2472	Reactor J.Atherton	M. Herbert	4-79-1
4-12	Carrier used for capping and leading source.	H.Physics D.Balber	Walton	4-80-1
4-11	Liquid level indicator.	Hot Lab GJSelvin	Walton	4-81-1
4-11	Liquid level indicator.	Hot Lab GJSelvin	Walton	4-82-1
4-11	Liquid level indicator.	Hot Lab GJSelvin	Walton	4-83-1
4-17	Graphite reflector. Diagram.	Physics E. Bluhm	Simack	4-84-1
17	Graph. Wavelength by absorption. 4100 - 5000.	Chemistry K.Sancier	Simack	4-85-1
4-17	Graph. Wavelength by absorption. 4100 - 5000.	Chemistry K.Sancier	Simack	4-86-1

1951

Date	Caption	Dept.	Photographer	Number
4-17	Graph. Wavelength by absorption. 4000 - 8000.	Chemistry K.Sancier	Simack	4-87-1
4-17	Graph. Wavelength by absorption. 4000 - 8000.	Chemistry K.Sancier	Simack	4-88-1
4-10	Trillium plant.	Biology Sparrow	Smith	4-89-1
4-13	Check valve.	Hot Lab W.Page	Smith	4-90-1
4-13	Check valve.	Hot Lab W. Page	Smith	4-91-1
4-13	Check valve.	Hot Lab W. Page	Smith	4-92-1
4-13	Check valve.	Hot Lab W. Page	Smith	4-93-1
4-16	Graph. X-rays from electron capture.	Reactor VLSailor	Simack	4-94-1
16	Graph. Potassium calcium.	Reactor VLSailor	Simack	4-95-1
4-18	Diagram. Corn. Fig. 46.	Biology Singleton	Simack	4-96-1
4-18	Diagram. Corn. Fig. 51.	Biology Singleton	Simack	4-97-1
4-18	Diagram. Corn. Fig. 27.	Biology Singleton	Simack	4-98-1
4-18	Diagram. Corn. Fig. 33.	Biology Singleton	Simack	4-99-1
4-18	Diagram. Corn. Fig. 3.	Biology Singleton	Simack	4-100-1
4-18	Diagram. Corn. Fig. 29.	Biology Singleton	Simack	4-101-1
4-18	Diagram. Corn. Fig. 28.	Biology Singleton	Simack	4-102-1
18	Diagram. Corn. Fig. 47.	Biology Singleton	Simack	4-103-1
4-18	Diagram. Corn. Fig. 36.	Biology Singleton	Simack	4-104-1

1951

Date	Caption	Dept.	Photographer	Number
4-18	Diagram. Corn. Fig. 24.	Biology Singleton	Simack	4-105-1
4-18	Diagram. Scintillating Crystal Spectrometer.	Physics derMateosian	Simack	4-106-1
4-18	Energy Measurement of Gamma Rays of Mo^{101} (14.5 m) and Tc^{101} (15 m)	Physics derMateosian	Simack	4-107-1
4-18	0.9 kev. Gamma Ray of Nb^{94m} (6.6 m)	Physics derMateosian	Simack	4-108-1
4-18	Decay of Gamma Rays of Mo^{101} (14.5 m) and Tc^{101} (15 m).	Physics derMateosian	Simack	4-109-1
4-18	320 kev Gamma Ray of V^{51} in the decay of Ti^{51} (6 m) and Cr^{51} (26.5 d).	Physics derMateosian	Simack	4-110-1
4-18	Side view of cancer patient's head taken in the 360 mu. region.	Medical Farr	Smith	4-111-1
4-18	3/4 rear view of cancer patient (550 mu. light source).	Medical Farr	Smith	4-112-1
18	Side view of brain tumor patient (550 mu. light source).	Medical Farr	Smith	4-113-1
4-19	Molar extinction coefficient by wave-length in microns. Graph	Chemistry Sancier	Simack	4-114-1
4-19	Diagram. Decay of Tc^{99m}.	Physics Mihelich	Simack	4-115-1
4-19	Diagram. Decay of Mo^{99} (Medicus, Maeder and Schneider).	Physics Mihelich	Simack	4-116-1
4-19	Graph. Intensity plot of Tc^{99m} electron spectrum obtained from densitometry of film.	Physics Mihelich	Simack	4-117-1
4-17	Iodine generator and container. Tucker, Winsche, Stang and Selvin.	Edu. Ser. Burt	Garfield	4-118-1
4-17	Iodine generator. Tucker and Stang	Edu. Ser. Burt	Garfield	4-119-1
17	Iodine generator and container, Winsche, Stang, Tucker, Selvin.	Edu. Ser. Burth	Garfield	4-120-1
4-17	Iodine generator.	Edu. Ser. Burt	Garfield	4-121-1

Date	Caption	Dept.	Photographer	Number
4-17	Iodine generator	Edu. Ser. Burt	Garfield	4-122-1
4-19	Cosmotron, Interior of vault.	Cosmotron J.Collins	Walton	4-124-1
4-20	Diagram. Anti-coincidence counter for subtration of cosmic ray background.	Physics EBluhm	Simack	4-125-1
4-20	Graph. Depth of hole in graphite.	Physics EBluhm	Simack	4-126-1
4-20	Graph. Magnetization curves for cobalt and iron cobalt alloy.	Physics EBluhm	Simack	4-127-1
4-20	N. Thermal --E, Filtered.	Physics McReynolds	Simack	4-128-1
4-20	Diaram. Neutron gravity acceleration	Physics McReynolds	Simack	4-129-1
4-20	Graph. Neutron counts/min.	Physics McReynolds	Simack	4-130-1
4-20	Graph. Reflection of BE O filtered neutrons from glass mirror.	Physics McReynolds	Simack	4-131-1
4-20	Graph. 1" cell (terphenyl-xylene).	Physics Poss	Simack	4-132-1
4-20	Graph. 14 mev neutrons terphenyl-xylene cells.	Physics Poss	Simack	4-133-1
4-20	Graph. Transmission of 14 mev neutrons.	Physics Poss	Simack	4-134-1
4-20	Diagram. Decay scheme for Bi^{210}	Physics DHughes	Simack	4-135-1
4-20	Graph. Total gross-section of Bismuth for Cold Neutrons.	Physics DHughes	Simack	4-136-1
4-19	Dissolver in Hot cell cylindrical selector type "pig"	Strickland Hot Lab	Walton	4-137-1 thru 4-140-1
4-18	Liquid Level Indicator control panel	Selvin Hot Lab	Garfield	4-141-1
4-18	Liquid Level Indicator control chassis	Selvin Hot Lab	Garfield	4-142-1

Date	Caption	Dept.	Photographer	Number
4-17	Meteorology smoke densitometer.	Meteor Bohnhorst	Walton	4-143-1
4-23	Polariod scope copy.	Physics derMateosian	Maile	4-144-1
4-23	Polariod scope copy.	Physics derMateosian	Maile	4-145-1
4-23	Polariod scope copy.	Physics derMateosian	Maile	4-146-1
4-23	Paddle wheel design.	Physics Hughes	Maile	4-147-1
4-23	Kinetics with kMethanol (0.5m).	Chemistry Medalia	Maile	4-148-1
4-23	Ethanol (0.5m) various concentrations of sulfuric acid.	Chemistry Medalia	Maile	4-149-1
4-23	Methanol (0.5m).	Chemistry Medalia	Maile	4-150-1
4-23	Butonal (0.5m) in 0.8N H_2SO_4	Chemistry Medalia	Maile	4-151-1
4-23	Kinetics in pure acqueous sol.	Chemistry Medalia	Maile	4-152-1
4-23	Various compounds in 0.8N H_2SO_4.	Chemistry Medalia	Maile	4-153-1
4-23	Kinetics with Ethanol (0.5m).	Chemistry Medalia	Maile	4-154-1
4-23	Ethanol (0.5m) various concentrations of perchloric acid in air.	Chemistry Medalia	Maile	4-155-1
4-23	Kinetics with organic compounds.	Chemistry Medalia	Maile	4-156-1
4-23	Ethanol (0.5m) in 0.8N H_2SO_4.	Chemistry Medalia	Maile	4-157-1
4-23	Typical Sea Breeze circulation sunny day - light winds	Meteor Smith	Maile	4-158-1
4-23	Typical temps and winds over L. I.	Meteor Smith	Maile	4-159-1
4-23	Typical vertical temp. structure clear night - light winds.	Meteor Smith	Maile	4-160-1

Date	Caption	Dept.	Photographer	Number
4-23	Winter storm pattern-dividing line between rain and snow across L. I.	Meteor Smith	Maile	4-161-1
4-23	Typical vertical temperature structure, sunny day - light winds.	Meteor Smith	Maile	4-162-1
4-23	Typical sea breeze circulation over L. I.	Meteor Smith	Maile	4-163-1
4-23	Distribution of winds around a moving hurricane center having normal winds of 100 mph.	Meteor Smith	Maile	4-164-1
4-23	Typed table for slide.	Physics Mihelich	Simack	4-165-1
4-24	Normalized lifetime - energy relations for E3, E4, and E5 transitious.	Physics Sunyar	Maile	4-166-1
4-24	Lifetime - energy relation for E3, and E4 isomers,	Physics Sunyar	Maile	4-167-1
4-24	Normalized lifetime - energy relation for M4 transitious.	Physics Sunyar	Maile	4-168-1
4-24	No. of cases vs. Log. 10 $/M/^2$.	Physics Sunyar	Maile	4-169-1
4-24	Normalized lifetime - energy relation for M4 transitious.	Physics Sunyar	Maile	4-170-1
4-24	Lifetime energy relation for E4, M4, E5 transitious.	Physics Sunyar	Maile	4-171-1
4-20	Left hand of thyroid patient.	Medical Foster	Smith	4-172-1
4-20	Right hand of thyroid patient.	Medical Foster	Smith	4-173-1
4-20	Full face of thyroid patient.	Medical Foster	Smith	4-174-1
4-20	Making count on thyroid patient.	Medical Foster	Smith	4-175-1
4-20	Measuring distance for count on child patient.	Medical Foster	Smith	4-176-1
4-24		Physics Goldhaber	Maile	4-177-1 thru 4-182-1

Date	Caption	Dept.	Photographer	Number
4-24		Physics derMateosian	Maile	4-183-1
4-24	Time of Flight data for a slide.	Physics Goudsmit	Simack	4-184-1
4-20	Portrait of J.M.Knox.		JFG APC	4-185-1 & 4-186-1
4-20	Truss Beam loaded with lead bricks to test balance.	Mach.Shop Nicholson	Walton	4-187-1
4-20	Truss beam.	Mach.Shop Nicholson	Walton	4-188-1
4-20	Truss beam.	Mach.Shop Nicholson	Walton	4-189-1
4-19	Unclassified west face of Pile.	Edu.Ser. Burt	Garfield & Walton	4-190-1
4-19	Unclassified west face of Pile.	Pub. Ed. Burt	Garfield & Walton	4-191-1
4-19	Unclassified west face of Pile.	Pub..Ed. Burt	Garfield & Walton	4-192-1
419	J. Floyd at Isotope bottling machine.	Pub. Ed. Burt.	Garfield & Walton	4-193-1
4-19	J. Floyd at Isotope bottling machine.	Pub. Ed. Burth	Garfield & Walton	4-194-1
4-25	Initial activity as a function of Reactor operation time.	Reactor	Maile	4-195-1
4-25	Experimental arrangement - Long Period delayed neutrons.	Reactor	Maile	4-196-1
4-25	Saturated activityoof indium foils as a function of time after reactor shutdown.	Reactor	Maile	4-197-1
4-25	Initial activity as a function of Reactor operation time - 12 min. half life.	Reactor	Maile	4-198-1
4-25	Experimental results long period delayed neutrons.	Reactor	Maile	4-199-1
4-25	Saturated counting rate of indium foils as a function of time after reactor shutdown.	Reactor	Maile	4-200-1

Date	Caption	Dept.	Photographer	Number
4-25	Saturated counting rate of indium foils as a function of time after reactor shutdown.	Reactor	Maile	4-201-1
4-25	Initial activity as a function of reactor operation time 125 min. half-life.	Reactor	Maile	4-202-1
4-25	Thyroid uptake of I^{131} in Euthyroid children 25 cases - ages 9 to 15 yrs.	Medical Farr	Maile	4-203-1
4-25	Composite of 4 graphs.	Medical Farr	Maile	4-204-1
4-25	Composite of 4 graphs.	Medical Farr	Maile	4-205-1
4-25	Radiological Monitoring field and trucks.	HEP Gemmell	Walton	4-206-1
4-25	General view, showing tank loaded with lead-table on left, holes recorder for stress and strain.	Reactor Rand	Walton	4-207-1
4-25	Underside of tank showing position of thermocouple wires.	Reactor	Walton	4-208-1
4-25	Measuring guage under tank - tank was loaded with lead bricks and sand to test for stress and strain.	Reactor	Walton	4-209-1
4-25	Large source plate.	Reactor	Walton	4-210-1
4-26	The effect of ACTH injection or incorporation of carbon - 14 Alonine into liver slice protein.	Medical Sinex	Simack	4-211-1
4-26	The effect of 0.5mg/ml of cortisone on the incorporation of alonine into the protein, etc.	Medical Sinex	Simack	4-212-1
4-26	The effect of 0.6 units of insulin per ml, etc.	Medical Sinex	Simack	4-213-1
4-26	A comparison of the effects of fasting normal and adrenolectomized animals, etc.	Medical Sinex	Simack	4-214-1
4-26	The effect of 0.6 units of insulin per ml on the incorporation of carbon 14, etc.	Medical Sinex	Simack	4-215-1
4-26	Day after irradiation on which adrenolectomy was performed.	Biology Edelman	Simack	4-216-1

Date	Caption	Dept.	Photographer	Number
4-26	A.C.E. and weight of X-Rayed, ADX rats.	Biology Edelman	Simack	4-217-1
4-26	A.C.E. and weight of X-Rayed, ADX rats.	Biology Edelman	Simack	4-218-1
4-26	A.C.E. and weight of X-Rayed; ADX rats.	Biology Edelman	Simack	4-219-1
4-26	Mutations in Maize Pollen under continuous and radiation from 10 aerie Co^{60} source 1950.	Biology Singleton	Simack	4-220-1
4-26	Mutations in endosperm characters in Maize in Co^{60} Field 1950.	Biology Singleton	Simack	4-221-1
4-26	Copy of Iowa corn field.	Biology Singleton	Simack	4-222-1
4-24	Gurnisky, Borst and Babcock and Wilcox representative at pile model.	Pub. Ed. Burt	Garfield	4-223-1
4-26	Biological Assay Agar Plates.	Chemistry Anderson	Bull	4-224-1 thru 4-226-1
4-23	Tanks on roof of Hot Lab.	Hot Lab Strickland	Walton	4-227-1
4-27	Typed table for slide.	Biology Steele	Maile	4-228-1
4-27	Two types of steady state conditions in a tissue.	Biology Steele	Maile	4-229-1
4-27	$Saco_2$ 2.8 etc. curves.	Biology Steele	Maile	4-230-1
4-27	Typed table for slide.	Biology Steele	Maile	4-231-1
4-27	A.C.E. and weight of X-Rayed, ADX rats.	Biology Edelman	Maile	4-232-1
4-26	Girl's Bowling League.	Recreation Vogt	Walton	4-233-1 thru 4-237-1
4-26	Bottom and front view of Master timer	Cosmotron Van Haagen	Walton	4-238-1

Date	Caption	Dept.	Photographer	Number
4-26	Top view of a component of Master Timer.	Cosmotron Van Haagen	Walton	4-239-1
4-26	Top view of component of Master timer	Cosmotron Van Haagen	Walton	4-240-1
4-26	Bottom view of componentnpart of Master timer.	Cosmotron Van Haagen	Walton	4-241-1
4-26	Top view of Master timer.	Cosmotron Van Haagen	Walton	4-242-1
4-26	Bottom and front view of predetermined delay eventer.	Cosmotron Van Haagen	Walton	4-243-1
4-26	Top view of predetermined delay counter	Cosmotron Van Haagen	Walton	4-244-1
4-30	U.S. Weather Bureau Data .	Belfour Meteor	Maile	4-245-1 & 4-246-1
4-30	Chart for Slide.	Physics Mihelich	Maile	4-247-1
10 '50	Hot Lab.	Signal Corps	Christoffersen	4-248-1 thru 4-250-1
10 '50	Pile Experiment.	Signal Corps	Christoffersen	4-251-1
10 '50	Hot Lab.	Signal Corps	Christoffersen	4-252-1 thru 4-258-1
10 '50	Pile Experiment.	Signal Corps	Christoffersen	4-259-1 thru
10 '50	Hot Lab.	Signal Corps	Christoffersen	4-260-1 thru 4-265-1
10 '50	Pile Control Room	Signal Corps	Garfield	4-266-1 & 4-267-1
4-15	Visitors' Day Boarding Buses at Research Staff & Inspecting the disacter trucks.	Burt Pub Ed	Garfield	4-268-1 & 4-269-1

May

Date	Caption	Dept.	Photographer	Number
5-2	Periscope schematic.	Hot Lab Strickland	Maile	5-1-1
5-2	Spectra copy.	Chemistry Sancier	Maile	5-2-1 & 5-3-1
5-2	Copy of Mr. Kehoe portrait.	Safety Hannoch	Simack	5-4-1
5-3	Iodine I^{131}.	Medical Farr	Herbert	5-5-1
5-3	Sodium Na^{24}.	Medical Farr	Herbert	5-6-1
5-3	Potassium K^{42}.	Medical Farr	Herbert	5-7-1
5-3	~~Phosphorus.~~ SUPERSEDED BY 5-348-2	~~Medical Farr~~	~~Herbert~~	5-8-1
5-3	Chromium Cr^{51}.	Medical Farr	Herbert	5-9-1
5-3	Carbon C^{14}	Medical Farr	Herbert	5-10-1
5-3	Argon A^{41}.	Medical Farr	Herbert	5-11-1
5-3	Phosphorus P^{32} Deleted	Medical Farr	This has been deleted Herbert	5-12-1
5-3	Cobalt Co^{60}	Medical Farr	Herbert	5-13-1
5-3	Zinc Zn^{65}	Medical Farr	Herbert	5-14-1
5-3	Sulphur S^{35}	Medical Farr	Herbert	5-15-1
5-3	Boron B^{10}	Medical Farr	Herbert	5-16-1
5-3	Tritium T or H^{3}	Medical Farr	Herbert	5-17-1
5-3	Strontium Sr^{90}	Medical Farr	Herbert	5-18-1
5-3	Calcium Ca^{45}	Medical Farr	Herbert	5-19-1
5-3	Gold Au^{198}	Medical	Herbert	5-20-1

Date	Caption	Dept.	Photographer	Number
5-3	Phosphorus P^{32}	Medical Farr	Herbert	5-21-1
5-3	Potassium K^{40}	Medical Farr	Herbert	5-22-1
5-3	Iron Fe^{59}	Medical Farr	Herbert	5-23-1
5-4	Graph for slide.	Reactor Miles	Maile	5-24-1
5-4	Graph for slide.	Reactor Miles	Maile	5-25-1
5-1	Photomacrograph of slide containing crossections of fly showing selective areas where radioactive element has terminated.	Biology Bowen	Smith	5-26-1
5-1	P.M. of slide containing cross sections of fly mounted on film to show terminal deposits of radioactive element.	Biology Bowen	Smith	5-27-1 & 5-28-1
5-1	Photomicrograph of cross section of fly.	Biology Bowen	Smith	5-29-1 thru 5-35-1
5-4	Theoretical plates vs reflux ratio O/D.	Reactor Page	Maile	5-36-1 & 5-37-1
5-4	Schematic.	Reactor Page	Maile	5-38-1
5-4	Graph for slide.	Reactor Miles	Maile	5-39-1 thru 5-41-1
5-5	Visitors in Biology Lab.	Pub. Ed. Burt	Garfield	5-42-1
4-27	Lily plant.	Biology Sparrow	Smith	5-43-1
4-27	Trad Bud.	Biology Sparrow	Smith	5-44-1
4-27	Trad Bud.	Biology Sparrow	Smith	5-45-1
5-1	Loading hot waste into barrels from still.	Reactor Horrigan	Walton	5-46-1

Date	Caption	Dept.	Photographer	Number
5-7	Resistivity of Cu_3 Au Samples before and after Radiation.	Reactor Gurinsky	Maile	5-47-1
5-7	Cosmotron - Water cooling lines running from coil of cosmotron.	Cosmo ~~Reactor~~ 1-Mede 1-Chuichilo	Walton	5-48-1
5-7	Plaque in memory of Wm Bell.	Cosmo ~~Reactor~~ Chuichilo	Walton	5-49-1
5-8	Cosmotron- Vacuum chamber assembly in place.	Accelerator	Walton	5-50-1
5-7	Cosmotron - Secondary control console.	Cos.Div. VanHaagen	Walton	5-51-1
5-7	Cosmotron - Secondary control console.	Cos. Div. VanHaagen	Walton	5-52-1
5-1	Radioactive Slug in pipe at bottom of Pile Canal (Glowing).	Manowitz Reactor	Smith	5-53-1
5-1	Radioactive slug in pipe at bottom of Pile canal.	Reactor Manowitz	Smith	5-54-1
5-1	Radioactive slugs at bottom of Pile canal glowing in dark.	Reactor Manowitz	Smith	5-55-1
5-1	Radioactive slugs at bottom of Pile Canal.	Reactor Manowitz	Smith	5-56-1
5-8	Corn Plants.	Biology Singleton	Smith	5-57-1 & 5-58-1
5-8	Biology Exhibit.	Biology Christensen	Smith	5-59-1 thru 5-64-1
5-8	Photomicrograph of Radioactive fly section - Neg Mag 65x Print Mag 130x Slide No. 681; 1 ABC.	Biology Bowen	Smith	5-65-1
5-8	Photomicrograph of radioactive fly section Neg Mag 65x Print Mag 130x Slide No. 681; 1 DEF.	Biology Bowen	Smith	5-66-1
5-8	Photomicrograph of radioactive fly section Neg Mag 65x Print Mag 130x Slide No. 31851 - AB	Biology Bowen	Smith	5-67-1
5-8	Photomicrograph of radioactive fly section Neg Mag 65x Print Mag 130x Slide No. 681; 2 ABC	Biology Bowen	Smith	5-68-1

Date	Caption	Dept.	Photographer	Number
5-8	Photomicrograph of radioactive fly section Ng Mag 65x Print Mag 130x Slide No. 681; 2 ABC - (2).	Biology Bowen	Smith	5-69-1
5-8	Photomicrographoof radioactive fly section Neg Mag 65x Print Mag 130x Slide No. 682; 22 ABC.	Biology Bowen	Smith	5-70-1
5-8	Photomicrograph of radioactive fly section Neg Mag 65x Print Mag 130x Slide No. 6-12-2; 2 ABC (1).	Bowen Biology	Smith	5-71-1
5-8	Photomicrographoof radioactive fly section Neg Mag 65x Print Mg 130x Slide No. 6-12-2; 2 ABC (2).	Biology Bowen	Smith	5-72-1
5-10	Dr. Goldhaber is shown sitting in front of scope - in his hand he holds a photo cell of the type used in experiment.	Pub Rel Burt	Walton	5-73-1
5-12	View of Reactor.	APC	Walton	5-74-1
5-12	Heavy water trap. Other Neg 8-198-1 8-199-1	Chemistry Anderson	Maile	5-75-1
5-12	Train by-pass.	Chemistry Anderson	Maile	5-76-1
5-12	Absorption tube.	Chemistry Anderson	Maile	5-77-1
5-12	Pre-heater.	Chemistry Anderson	Mailek	5-78-1
5-12	Combustion tube (assembly).	Chemistry Anderson	Maile	5-79-1
5-12	Co_2 Transfer apparatus (assembly).	Chemistry Anderson	Maile	5-80-1
5-12	H_2o Trap Co_2 Trap.	Chemistry Anderson	Maile	5-81-1
5-12	Volume.	Chemistry Anderson	Maile	5-82-1
5-14	Uranium^{235} Initial energies 2.5 Mev in lowest order symmetrical mode, 1.3 Mev in lowest order asymmetrical Mode.	Physics Seidl	Maile	5-83-1
5-14	Plane of symmetry - Axis of symmetry.	Physics Seidl	Maile	5-84-1

Date	Caption	Dept.	Photographer	Number
5-14	Nuclei formed in Fission.	Seidl Physics	Maile	5-85-1
5-14	Cosmium - for purely symmetrical motion.	Physicsk Seidl	Maile	5-86-1
5-14	Cosmium - Initial energies 2.5 Mev in lowest order symmetrical Mode, 1.3 Mev in lowest asymmetrical Mode.	Physics Seidl	Maile	5-87-1
5-14	Uranium ^{235} Comparison of normal motion with purely symmetrical motion.	Physics Seidl	Maile	5-88-1
5-14	Ornl neutron decay apparatus.	Physics Kraushaar	Maile	5-89-1
10 '50	Roll neg of Hot Lab - Pile control panels and Drs' For, Hayworth. (5-90-1 removed from file and sent to Signal Corps)	Signal Corps	Garfield	5-90-1 thru 5-103-1
5-15	Nephrosis patient in hospital (Billy Steinman prone).	Medical Farr	Smith	5-104-1
5-15	Nephrosis patient in hospital (Billy Steinman standing).	Medical Farr	Smith	5-105-1
5-15	Composite Photomicrograph.	Biology Sparrow	Maile	5-106-1 & 5-107-1
5-15	Iron T = 315° K.	Physics Kleinman	Maile	5-108-1
5-11	Pill extractor assembly - exploded view.	Reactor Heus	Walton	5-109-1
5-16	Graph. Decomposition of H_2O_2 as a function of concentration in the presence of 10-4 MKI (Dosage= 10,5000reontgens.	Chemistry Johnson	Simack	5-110-1
5-16	Graph. Decomposition of 95x10-6 M H202 Current x Time.	Chemistry Johnson	Simack	5-111-1
5-16	Graph. Decomposition of H_2O as a function of intensity Fig. 12	Chemistry Johnson	Simack	5-112-1
5-16	Decomposition of $45x10^{-6}$M H_2O_2 in presence of KI (10^{-4}M).	Chemistry Johnson	Simakk	5-113-1
5-16	Graph. H_2 Production from Decomposition of H_2O_2.	Chemistry Johnson	Simack	5-114-1
5-16	Graph. H_2 Production from decomposition of H_2O_2 in presence of 10^{-4}MKI.	Chemistry Johnson	Simack	5-115-1

Date	Caption	Dept.	Photographer	Number
5-16	Decomposition of 10^{-4}MKI	Chemistry Johnson	Simack	5-116-1
5-16	Decomposition of H_2O_2 as a function of VC^{-2}.	Chemistry Johnson	Simack	5-117-1
10 '50	Hot Lab.	Signal Corps	APC	5-118-1 thru 5-126-1
10 '50	Pile. -6-1 pub-1	Signal Corps	APC	5-127-1 thru 5-132-1
10 '50	Plastic tube sealer Hot cell plate	Signal Corps	APC	5-133-1
5-16	Horse drawn corn planter Yaphank farm.	Bio Singleton	Smith	5-134-1
5-16	Dr. AH Sparrow radiating a snap dragon plant with high voltage x-ray machine.	Directors' Office	Smith	5-135-1
5-16	Portable cobalt source radiating plants in special room in Bio. Bldg.	Bio Sparrow	Smith	5-136-1
5-17	Graph. Growth of E.coli B/2 measured Turbidimetrically. Optical Density.	Bio Rubin	Simakk	5-137-1
5-17	Graph. The Effect of Irradiation & Washing on Absorption Spectra of E. Coli B/r.	Bio Rubin	Simack	5-138-1
5-17	Graph. Streptomycin resistant mutants observed after the continuous irradiation of growing cultures of E. coi B/r at the rate of 5000r p hr.	Bio Rubin	Simack	5-139-1
5-17	Graph. The Effect of culture concentration on "layer plate technique".	Bio Rubin	Simack	5-140-1
5-17	Graph. Streptomycin (400 ug/cc) resistant mutants of E. coli B/r (irradiated) in culture containing $8.5x10^6$ or gs/cc brain heart madium.	Bio Rubin	Simack	5-141-1
5-17	Graph. Composite results of 8 experiments.	Bio Rubin	Simack	5-142-1

Date	Caption	Dept.	Photographer	Number
5-17	Graph. Absorption spectra of washed E. coli B/r (5% formalin & water wash).	Bio Rubin	Simack	5-143-1
5-17	Graph. The growth & death of E. coli B/r during constant irradiation at the rate of 5000 r/hr in culture mixtures permitting 0-14 generations of growth.	Bio Rubin	Simack	5-144-1
5-17	Graph. The Effect of culture concentration & streptomycin level on mutant yield in "layer plate technique".	Bio Rubin	Simack	5-145-1
5-17	Graph. The effect of metabolites on the number of mutants detected by "layer plate technique," E. coli B/r resistant to 400 ug/cc Sm.	Bio Rubin	Simack	5-146-1
5-17	Graph. Teh effect of various culture media & streptomycin levels on the mutant yield of an irradiated culture.	Bio Rubin	Simack	5-147-1
5-17	Graph. Number of viable organisms.	Bio Rubin	Simack	5-148-1
5-17	Effects of radiation on four Tradescantia plants.	Bio Christman	Walton	5-149-1
5-17	Effects of radiation on a Lily plant.	Bio Christman	Walton	5-150-1
5-17	Bisexual attraction in a Virginia pitch pine.	Bio Christman	Walton	5-151-1
5-18	"Ricky", Nephrosis patient, in BNL hospital now fully recovered and awaiting discharge is ready to play ball.	JBurt PR	Smith	5-152-1
5-21	Graph. Results of cultures obtained from Ventricular Blood & from the Peritoneal Cavity of 20 mice thru 24 days of A 100 IPG Infaction of I. Spiralis.	Medical Stoner	Bull	5-153-1
5-21	Graph. Mean Neutrophil Count in %.	Medical Stoner	Bull	5-154-1
5-21	Graph Days of Infection.	Medical Stoner	Bull	5-155-1

Date	Caption	Dept.	Photographer	Number
5-21	Graph. Mean Lymphocyte count in %.	Medical Stoner	Bull	5-156-1
5-21	Graph. Days of Infection.	Medical Stoner	Bull	5-157-1
5-17	Photomicrograph of Radioautograph section of fly. Slide No. 6-12-3; 2 Neg Mag 65X Print Mag approx 130X.	Bio Bowen	Smith	5-158-1
5-17	Photomicrograph of radioautograph section of fly. Slide No. 6-10-3; 2 (1) Neg. Mag 65X Print Mag approx 130X.	Bio Bowen	Smith	5-159-1
5-17	Photomicrograph of radioautograph section of fly. Slide No. 6-10-3; 2 (2) Neg Mag 65X Print Mag approx 130X.	Bio Bowen	Smith	5-160-1
5-17	Photomicrograph of radioautograph of section of fly. Slide No. 6-8-1; 2 ABC (2) Neg Mag 65X Print Mag approx 130X.	Bio Bowen	Smith	5-161-1
5-17	Photomicrograph of radioautograph of fly section. Slide Not. 6-8-1 ABC (2A) Neg Mag 65X Pring Mag approx 130X.	Bio Bowen	Smith	5-162-1
5-17 of fly	Photomicrograph of radioautograph of fly section Slide No. 6-8-1; 2 ABC (1) Neg Mag 310X Print Mag approx 620X.	Bio Bowen	Smith	5-163-1
5-21	Drawing for Slide.	Physics Hornyak	Maile	5-164-1 thru 5-178-1
5-18	Polariod Scope Tracers.	Physics derMateosian	Simack	5-179-1 thru 5-185-1
5-22	Drawing for Slide.	Physics Rubin	Maile	5-186-1 thru 5-190-1
5-21	Com mutation.	Bio Singleton	Walton	5-191-1
5-21	Com mutation.	Bio Singleton	Walton	5-192-1

Date	Caption	Dept.	Photographer	Number
5-18	Reflex Distributor.	Reactor Page	Walton	5-193-1
5-18	Packing support screen.	Reactor Page	Walton	5-194-1
5-18	Condensate dividing mechanism.	Reactor Page	Walton	5-195-1
5-22	Aerial view of Gamma Field.	Bio Singleton	Walton	5-196-1
5-23	Graphs for Slides	Physics Hornyak	Maile	5-197-1 thru 5-201-1
5-23	Photomicrograph of metal specimen with machine ring with grid.	Kammerer	Smith	5-202-1
5-23	Photomicrograph of metal speciment with machined ring without grid.	Kammerer	Smith	5-203-1
5-22	Nicad battery.	Meteor Antos	Walton	5-204-1
5-22	Nicad battery.	Meteor Antos	Walton	5-205-1
5-24	Photomicrograph of corn pollen - Neg Mag 60X Pring mag 120X.	Bio Koester	Smith	5-206-1
5-20	Photomicrograph of radioautograph section of fly Slide No. 6-8-1; 2 ABC (2) Neg Mag 65X Pring Mag approx 195X.	Bio Bowen	Smith	5-207-1
5-20	Photomicrograph of radioautograph section of fly. Slide No. 6-10-3; 2 (2) Neg Mag 485X Pring mag approx 1212.5X.	Bio Bowen	Smith	5-208-1
5-24	Graph.	Medical VanSlyke	Maile	5-209-1
5-24	Group Photo	Vogt	Walton	5-210-1
5-24	Group Photo	Vogt	Walton	5-211-1
5-25	X-Ray Film.	Reinig	Maile	5-212-1 thru 5-214-1
5-25	Saul Harris shown inspecting sample of waste water, taken from a hold up tank.	HPhysics JBurt	Walton	5-215-1

Date	Caption	Dept.	Photographer	Number
5-28	Graph for Slides.	Physics Hafne r	H. Maile	5-216-1 thru 5-219-1
5-28	35mm Kodachromes. Combined 5-221-1 add 5-224-1. Copy Neg. No. 6-67-1	Meteor MSmith	M. Bull	5-220-1 thru 5-225-1
5-29	Graphs.	Sunyar Goldhaber	H. Maile	5-226 1 thru 5-242-1
5-31	Graphs for Slides.	Meteor PLowry	P. Simack	5-243-1 thru 5-247-1
5-29	Byron Keene of H.Physics group, is shown checking over laboratory coats with a Geiger counter - One pile of coats is active.	H.Physics JBurt	R.J.Walton	5-248-1
5-29	Dr. W. Moore at the "Injector" for the Cosmotron's Van de Graaff Generator.	PR JBurt	R.J.Walton	5-249-1
5-29	"Injector" for Cosmotron's Van de Graaff Generator.	PR JBurt	R.J.Walton	5-250-1
10-17	Slide No. 51768 2C (A) 347	Sparrow	R.F. Smith	5-251-1
10-17	Slide No. 51768 2C (B) 348	Sparrow	R.F. Smith	5-252-1

June

Date	Caption	Dept.	Photographer	Number
6-1	Graph for Slide.	Chemistry Hastings	H. Maile	6-1-1
5-31	Robert Gaffga entering shed at the Radiation Field - inside are controls for raising & lowering the source.	Biology JBurt	R.J.Walton	6-2-1
5-31	Robert Gaffga unlocking main gate to Radiation Field - note electrical switch near his hand.- this will tip an alarm if gate is opened while the source is up.	Biology JBurt	R.J.Walton	6-3-1
5-31	Robert Gaffga is shown lowering the source in the Radiation Field.	Biology JBurt	R.J.Walton	6-4-1
5-31	Dave Antos & Phil Lowry collecting data on smoke run - funnel shaped object on top of truck is part of a unit which determines density of the smoke.	Meteor JBurt	R.J.Walton	6-5-1
5-30	Van de Graaff generator taken from inside tank.	Cosmotron Collins	R.J.Walton	6-6-1
6-4	Graph for Slide.	Hot Lab Horrigan	H. Maile	6-7-1
6-5	Al Kahn shown adjusting relay on Van de Graaff generator.	Cosmotron Collins	W.J.Walton	6-8-1
6-5	Copy of Polaroid Print.	Physics Goldhaber	P. Simack	6-9-1
6-7	Prepared Disintigration Scheme for $SN119^m$.	Physics Goldhaber	P. Simack	6-10-1
6-6	Double crystal Neutron Spectrometer 3/4 right view.	Reactor Hastings	R.F.Smith	6-11-1
6-6	Double crystal Neutron Spectrometer 3/4 left view.	Chemistry Hastings	R.F.Smith	6-12-1
6-6	Double cyrstal Neutron Spectrometer view through slot in face of pile.	Chemistry Hastings	R.F.Smith	6-13-1
6-6	Double cyrstal Neutron Spectrometer General view.	Chemistry Hastings	R.F.Smith	6-14-1
6-6	Graph for Slide.	Medical VanSlyke	P. Simack	6-15-1
6-6	Graphs for Slides	Chemistry Hastings	P. Simack	6-16-1 thru 6-18-1

Date	Caption	Dept.	Photographer	Number
6-1	Tractor planting corn in Radiation Field.	Biology Singleton	R.F.Smith	6-19-1
6-7	Graph - Magnetic Orientation Device Schematic.	Cosmotron Golian	P. Simack	6-20-1
6-8	Samples of radiation density on film.	HPhysics WHerman	H. Maile	6-21-1
6-8	Copy of Layout (Sparrow Paper)	Biology BOrlowski	H. Maile	6-22-1
6-11	Graph for Slide	Biology MKoester	H. Maile	6-23-1
6-12	Left hand of JFG	Security	GFG	6-24-1
6-11	Photomicrograph of disected Tradescantia Embryo Neg Mag 40x Print Aprox 170x;	Biology Dr Gunkel	R.F.Smith	6-25-1
6-11	Photomicrograph of disected Tradescantia Embyro Neg Mag 40x Print Aprox 170x.	Biology Dr Gunkel	R.F.Smith	6-26-1
6-12	AUI Letterhead.	Garfield	JFG	6-27-1
6-14	R.F. Amplifier.	Cosmotron Dr Yuan	R.J.Walton	6-28-1 thru 6-54-1
6-12	Stress and strain gauge under tank; used to measure sag in bottom of the loaded tank.	Reactor A.Rand	R.J.Walton	6-55-1
6-12	Water shielding tank for Pile. In the photo Al Rand and Warren Budd are shown testing tank for leaks, by filling it with water.q	Reactor A Rand	R.J.Walton	6-56-1
6-14	Photomicrograph of Tradescantia Embryo Neg Mag 40x Print Mag Aprox 320x.	Biology DrGunkel	R.F.Smith	6-57-1
6-14	Photomicrograph of Tradescanita Embryo Neg Mag 40x Print Mag 440x Aprox.	Biology Dr Gunkel	R.F.Smith	6-58-1
6-14	Photomicrograph of Tradescantia Embryo. Neg Mag 40x Print Mag Aprox 440x.	Biology Dr Gunkel	R.F.Smith	6-59-1
6-14	Photomicrograph of Tradescantia Embryo Neg Mag 20x Print Mag Aprox 45x.	Biology Dr Gunkel	R.F.Smith	6-60-1

Date	Caption	Dept.	Photographer	Number
6-14	Photomicrograph of disected Tradescantia Embryo Neg Mag 18x Print Mag 45x Aprox.	Biology Dr Gunkel	R.F.Smith	6-61-1
6-14	Photomicrograph of disected Tradescantia Embryo Neg Mag 18x Print Mag Aprox 45x.	Biology Dr Gunkel	R.F.Smith	6-62-1
6-14	Photomicrograph of Tradescantia Embryo Print Mag Appox 25 Neg Mag 10x.	Biology Dr Gunkel	R.F.Smith	6-63-1
6-8	Pathology Group picture.	Medical Madden	R.J.Walton	6-64-1
6-18	Automatic sample changer Shop Model II.	HPhysics SHarris	R.J.Walton	6-65-1
6-18	Automatic sample changer Shop Model II.	HPhysics SHarris	R.J.Walton	6-66-1
6-19	Copy of 2-35mm Koaachromes (5-221-1 & 5-224-1)	Meteor ~~SmIthmi~~	H. Maile	6-67-1
6-20	Copy of a dial scale.	Electronics Hallock	P. Simack	6-68-1
6-21	Group Picture of Medical Staff.	Medical Farr	R.J.Walton	6-69-1
6-18	Thyroid Cancer Patient.	Medical Foster	R.F.Smith	6-70-1
6-18	Nephrosis patient in Hospital	Medical Farr	R.F.Smith	6-71-1
6-18	Nephrosis patient in Hospital.	Medical Farr	R.F.Smith	6-72-1
6-18	Nephrosis patient in Hospital.	Medical Farr	R.F.Smith	6-73-1
6-18	Nephrosis patient in Hospital.	Medical Farr	R.F.Smith	6-74-1
6-18	Nephrosis patient in Hospital.	Medical Farr	R.F.Smith	6-75-1
6-18	Nephrosis patient in Hospital.	Medical Farr	R.F.Smith	6-76-1
6-17	Tradescantia plants in Greenhouse.	Biology Sparrow	R.F.Smith	6-77-1
6-17	View of Gamma field looking west.	Biology Sparrow	R.F.Smith	6-78-1

Date	Caption	Dept.	Photographer	Number
6-17	Corn plants grown in Green house showing results of radiation.	Biology Sparrow	R.F.Smith	6-79-1
6-17	General view of Gamma field looking south west.	Biology Sparrow	R.F.Smith	6-80-1
6-20	Floor runners in place in control room.	Cosmotron RKassner	R.J.Walton	6-81-1 thru 6-84-1
6-26	Photomicrograph of commic ray track.	HPhysics Salant	R.F.Smith	6-85-1
6-51	Slow Neutron Velocity Spectrometer.	Cyclotron TEaton	JFG	6-86-1 thru 6-109-1
6-14	Preparing to lower patient into radiation chamber. Pile Boron Exp.	Medical Farr	Smith & Walton	6-110-1
6-14	Drs' positioning patients' head before radiation. Pile Boron Exp.	Medical Farr	Smith & Walton	6-111-1
6-14	Lowering patient into radiation chamber for radiation of brain tumor. Pile Boron Exp.	Medical Farr	Smith & Walton	6-112-1
6-14	Patient in pit with Dr. Farr before radiation. Pile Boron Exp.	Medical Farr	Smith & Walton	6-113-1
6-14	Dr. Robertson with special counting equipment for Pile Boron Exp.	Medical Farr	Smith & Wlaton	6-114-1
6-14	Close-up of patient's head after radiation in Pile. Pile Boron Exp.	Medical Farr	Smith & Walton	6-115-1
6-26	Portable radiation detection trailor.	Hphysics Crause	R.J.Walton	6-116-1 thru 6-119-1
6-28	Copy of film strip.	Physics DrHill	P.Simack	6-120-1
6-28	Graph.	Physics DrHill	P.Simack	6-121-1
6-28	Graphs.	Falkoff Physics	P.Simack	6-122-1 & 6-123-1

July

Date	Caption	Dept.	Photographer	Number
ɔ-28	Weather instrument in woods.	Meteor Bohnhorst	Bohnhorst	7-1-1 thru 7-5-1
6-28	Branch of Tradiacentia	DrGunckel Biology	R.F.Smith	7-6-1
6-28	Tradescantia of plant grass shot.	DrGunckel Biology	R.F.Smith	7-7-1
6-28	Onions sets showing effects of radiation.	Sparrow Biology	R.F.Smith	7-8-1
7-2	Graph.	Friedlander Chemistry	Simack	7-9-1
7-2	Graph.	Friedlander Chemistry	Simack	7-10-1
7-2	Counting rate (Scale of 8 per 3000 monitor counts).	Friedlander Chemistry	Simack	7-11-1
7-2	Copy.	Friedlander Chemistry	Simack	7-12-1
7-3	Copy of print.	Physics derMateosian	Simack	7-13-1
7-3	Graph-Neutron diffraction Pattern-Lead Powder.	Hastings Chemistry	Simack	7-14-1
7-5	Graphs for Slides. (Prints were made of these neg. with titles blocked out-new nos. to prts only given)	Sancier Chemistry	Simack	7-15-1 thru 7-17-1
7-5	Graphs for Slides.	Sunyar Physics	Simack	7-18-1 thru 7-22-1
7-6	Graphs for Slides.	DrHill Physics	Simack	7-23-1 thru 7-28-1
7-2	Placing sample to be radiated into pig "health Physics" man is showing standing by to check radiation level.	Reactor JBurt	R.J.Walton	7-29-1
7-2	Close-up of O.Kuhl loading sample into carrier which in turn will be exposed to a source.	Reactor JBurt	R.J.Walton	7-30-1
7-2	Placing sample to be radiation into pig. Health Physics man is shown s standing by to check radiation leve.	Reactor JBurt	R.J.Walton	7-31-1
7-9	Graph.	Friedlander Chemistry	Simack	7-32-1 to 7-34-1

Date	Caption	Dept.	Photographer	Number
-7-1	C.Keenan & staff admiring cakes and table decorations in honor of his baby.	Kamen Purch	R.J.Walton	7-35-1
7-1	C.Keenan admiring table & decorations for baby.	Kamen Purch.	R.J.Walton	7-36-1
7-10	Graphs for Slides.	Hughes Physics	Simack	7-37-1 thru 7-41-1
7-1	Frame work for the Cosmotron console.	Kassner Cosmotron	R.J.Walton	7-42-1 thru 7-45-1
7-2	Center of the radiation area showing source raising & lowering mech. also trays for plants.	Biology JBurt	R.J.Walton	7-46-1
7-4	Degreasing a section of the vacuum chamber.	Polk Cosmotron	R.J.Walton	7-47-1
7-4	Degreasing a section of the vacuum chamber.	Polk Cosmotron	R.J.Walton	7-48-1
7-10	Graph for Slide.	B.Johnson Physics	Simack	7-49-1
7-11	Graphs & Articles for Slides.	DrGunckel Biology	Simack	7-50-1 thru 7-56-1
7-11	Drawing for Slide.	Chemistry Corliss	Simack	7-57-1
7-7	Shielding plates -- End view.	Rand Reactor	R.J.Walton	7-58-1 & 7-59-1
7-7	Shielding Plates.	Rand Reactor	R.J.Walton	7-60-1 thru 7-65-1
7-10	Distilling plant.	W.Page Reactor	R.J.Walton	7-66-1
7-10	Distilling plant control valves.	W.Page Reactor	R.J.Walton	7-67-1
7-10	Distilling Plant.	W.Page Reacotr	R.J.Walton	7-68-1
7-10	General view of Distilling plant.	W.Page Reactor	R.J.Walton	7-69-1
7-10	Distilling Plant.	W.Page Reactor	R.J.Walton	7-70-1
7-10	Distilling Plant showing pumps.	W.Page Reactor	R.J.Walton	7-71-1

Date	Caption	Dept.	Photographer	Number
7-3	Series of pictures taken at Pile-Loading source for Mich. U. (also 1 more neg. 7-153-1 with series)	7-74-1 Pile Horrigan	J.F.Garfield	7-72-1 thru 7-81-1
7-17	Photomicrography of Adrenol gland 1000 x Slide YW 4	G.Mateyko Biology	R.F.Smith	7-82-1
7-17	PM of Adrenal gland 1000 x Slide #XT 3	Mateyko Biology	R.F.Smith	7-83-1
7-17	PM of Adrenal gland 1000 X Slide #ZU 3	Mateyko Biology	R.F.Smith	7-84-1
7-17	PM of Adrenal gland 1000 X Slide #YM 1	Mateyko Biology	R.F.Smith	7-85-1
7-17	PM of Adrenal gland 1000 X Slide #WK 1	Mateyko Biology	R.F.Smith	7-86-1
7-17	PM of Adrenal gland 1000 X Slide #Y1 3	Mateyko Biology	R.F.Smith	7-87-1
7-17	PM of Adrenal gland 1000 X Slide # YH 3	Mateyko Biology	R.F.Smith	7-88-1
7-17	PM of Adrenal gland 1000 X Slide #Z1 1	Mateyko Biology	R.F.Smith	7-89-1
7-17	PM of Adrenal gland 1000 X Slide # X14 3	Mateyko Biology	R.F.Smith	7-90-1
7-17	PM of Adrenal gland 1000 X Slide #V 3	Mateykko Biology	R.F.Smith	7-91-1
7-17	PM of Adrenal gland 1000 X Slide #I 2	Mateyko Biology	R.F.Smith	7-92-1
7-17	PM of Adrenal gland 1000 X Slide # G 2	Mateyko Biology	R.F.Smith	7-93-1
7-17	PM of Adrenal gland 1000 X Slide #XA 4	Mateyko Biology	R.F.Smith	7-94-1
7-17	Pm of Adrenal gland 1000 X Slide # II 2	Mateyko Biology	R.F.Smith	7-95-1
7-17	PM of Adrenal gland 1000 X Slide #Ø 2	Mateyko Biology	R.F.Smith	7-96-1
7-17	PM of Adrenal gland 1000 X Slide #WQ 2	Mateyko Biology	R.F.Smith	7-97-1
7-17	PM of Adrenal gland 1000 X Slide #WA 2	Mateyko Biology	R.F.Smith	7-98-1
7-17	PM of Adrenal gland 1000 X Slide #2T 2	Mateyko Biology	R.F.Smith	7-99-1

Date	Caption	Dept.	Photographer	Number
7-17	PM of Adrenal gland 1000X Slide #UL-1.	Mateyko Biology	R.F.Smith	7-100-1
7-17	PM of Adrenal gland 1000X Slide #WY-3.	Mateyko Biology	R.F.Smith	7-101-1
7-17	PM of Adrenal gland 1000X Slide #WY-2.	Mateyko Biology	R.F.Smith	7-102-1
7-17	PM of Adrenal gland 1000X Slide #XD-3.	Mateyko Biology	R.F.Smith	7-103-1
7-17	PM of Adrenal gland 1000X Slide #XC-1.	Mateyko Biology	R.F.Smith	7-104-1
7-17	PM of Adrenal Gland 1000X Slide #WD-1.	Mateyko Biology	R.F.Smith	7-105-1
7-17	PM of Adrenal gland 19.5X Slide #Y-6.	Mateyko Biology	R.F.Smith	7-106-1
7-16	Tradescantia Buds.	DrGunckel Biology	R.J.Walton	7-107-1 thru 7-116-1
7-16	Tradescantia Stems.	DrGunckel Biology	R.J.Walton	7-117-1 thru 7-
7-18	Wind Instruments.	Bohnhorst Meteorology	Bohnhorst	7-118-1 thru 7-123-1
7-19	Cosmotron Vault.	Collins Cosmotron	R.J.Walton	7-124-1
7-19	Assembly jig for the vacuum chamber.	Collins Cosmotron	R.J.Walton	7-125-1
7-19	Injection system for Cosmotron's Van de Graaf generator.	Collins Cosmotron	R.J.Walton	7-126-1
7-19	Vacuum pump assembly.	Collins Cosmotron	R.J.Walton	7-127-1
7-19	Console.	Collins Cosmotron	R.J.Walton	7-128-1
7-19	Copper enclosure for ferrite transformer.	Collins Cosmotron	R.J.Walton	7-129-1
'-19	Graph for Slide. Fibrinogen concentration (mg/ml).	Nims Biology	H.Maile	7-130-1
7-19	Graph for Slide. Dose (kiloroentgens).	Nims Biology	H.Maile	7-131-1

Date	Caption	Dept.	Photographer	Number
7-19	Graph for Slide. Dose (Kiloroentgens).	Nims Biology	H.Maile	7-132-1
7-19	Graph for Slide. Dose (Kiloroentgens) % of original Fibrinogen.	Nims Biology	H.Maile	7-133-1
7-17	Waste separator in still.	Horrigan Reactor	R.J.Walton	7-134-1
7-17	Cyclone separator.	Horrigan Reactor	R.J.Walton	7-135-1
7-17	Drawing.	Goldhaber Physics	H.Maile	7-136-1
7-19	Nurse turning on TV Set presented to Brookhaven Hospital by Kiwanis Club of Conn.	Farr Medical	R.F.Smith	7-137-1
7-19	Members of Kiwanis Club presenting Dr. Farr with TV Set for Patients in Hospital.	Farr Medical	R.F.Smith	7-138-1
7-19	Dr. Farr being presented with TV Set by Kiwanis Club for patient at Hospital.	Farr Medical	R.F.Smith	7-139-1
7-22	Graph.	Goldberg Physics	M.Bull	7-140-1
7-20	Dr. Singleton inspecting, or rather comparing variation in growth of corn, at specified distances from a "source." Other Neg. 7-196-1	JBurt Biology	R.J.Walton	7-141-1
7-19	Rubber sheeting over section of magnet - leak in roof.	Collins Cosmotron	R.J.Walton	7-142-1
7-19	Bottom view of chassis.	Burditt Electronics	R.J.Walton	7-143-1
7-19	Top 3/4 view of chassis.	Burditt Electronicsk	R.J.Walton	7-144-1
7-19	Front view of chassis.	Burditt Electronics	R.J.Walton	7-145-1
7-23	Copy	Mihelich Physics	P.Simack	7-146-1
7-123	Copy	Mihelich Physics	P.Simack	7-147-1
7-24	Aerial shot of Gamma Field.	Singleton Biology	R.J.Walton	7-148-1 & 7-149-1

Date	Caption	Dept.	Photographer	Number
7-23	Close-up, showing lay-out of copper rods for Pole face Winding.	JMede Cosmotron Collins	R.J.Walton	7-150-1
7-23	Close-up showing end of Pile Face Winding, before being poured.	JMede Cosmotron	R.J.Walton	7-151-1
7-23	General view of jig's for assembling the ple face windings.	JMede Cosmotron	R.J.Walton	7-152-1
7-3	Loading source for Mich. U. (Goes with series 7-72-1 - 7-81-1.)	Horrigan Pile	J.F.Garfield	7-153-1
7-24	Bottom view of Pulse Height Analyzer.	Kramer Electronics	R.J.Walton	7-154-1
7-24	Rear view of Pulse Height Analyzer.	Kramer Electronics	R.J.Walton	7-155-1
7-24	Front view of Pulse Height Analyzer.	Kramer Electronics	R.J.Walton	7-156-1
7-24	Top 3/4 view of Pulse Height Analyzer.	Kramer Electronics	R.J.Walton	7-157-1
7-25	Meteorology Tower.	Bohnhorst Meteorology	Bohnhorst	7-158-1 thru 7-163-1
7-23	Radiated corn plants.	VanReen Biology	R.F.Smith	7-164-1
7-23	Radiated corn plants.	VanReen Biology	R.F.Smith	7-165-1
7-23				
7-23	Radiated corn plants.	VanReen Biology	R.F.Smith	7-166-1
7-23	Radiated corn plants.	VanReen Biology	R.F.Smith	7-167-1
7-25	PM of Tradescantia bud - disected.	DrGunckel Biology	R.F.Smith	7-168-1 thru 7-172-1
7-25	PM of Tradescantia bud.	DrGunckel Biology	R.F.Smith	7-173-1 thru 7-175-1
7-25	PM of Tradescantia - disected	DrGunckel Biology	R.F.Smith	7-176-1 7-177-1
7-125	PM of Tradescantia bud #257	DrGunckel Biology	R.F.Smith	7-178-1
7-25	PM of Tradescantia bud #255	DrGunckel Biology	R.F.Smith	7-179-1

Date	Caption	Dept.	Photographer	Number
7-25	PM of Tradescantia bud. #257T.	DrGunckel Biology	R.F.Smith	7-180-1
7-25	PM of Tradescantia bud. #T-77.	DrGunckel Biology	R.F.Smith	7-181-1
7-25	PM of Tradescantia bud. #T60	DrGunckel Biology	R.F.Smith	7-182-1
7-25	PM of Tradescantia bud. #T111	DrGunckel Biology	R.F.Smith	7-183-1
7-25	Pm of Tradescantia bud. #T102	DrGunckel Biology	R.F.Smith	7-184-1
7-25	PM of Tradescantia bud. #T68	DrGunckel Biology	R.F.Smith	7-185-1
7-25	PM of Tradescantia bud. #89	DrGunckel Biology	R.F.Smith	7-186-1
7-25	PM of Tradescantia bud. #T59	DrGunckel Biology	R.F.Smith	7-187-1
7-25	PM of Tradescantia bud. #255	DrGunckel Biology	R.F.Smith	7-188-1
7-25	PM of Tradescantia bud. #T45	DrGunckel Biology	R.F.Smith	7-189-1
7-25	PM of Tradescantia bud. #255	DrGunckel Biology	R.F.Smith	7-190-1
7-25	PM of Tradescantia bud. #259	DrGunckel Biology	R.F.Smith	7-191-1
7-20	Shielding Plates.	Rand Reactor	R.J.Walton	7-192-1 thru 7-195-1
7-20	Dr. Singleton inspecting, or rather comparing variations in growth of corn at specified distances from a "source." Other Neg 7-141-1	JBurt Biology	R.J.Walton	7-196-1

Date	Caption	Dept.	Photographer	Number
7-1	Slide No. A-124-C 345	Biology Sparrow	R.F. Smith	7-197-1
7-1	Slide No. A-4066-J (B) 344	Sparrow	R.F. Smith	7-198-1
7-1	Slide No. A-4066-J (A) 343	Sparrow	R.F. Smith	7-199-1
7-1	Slide No. A-4064-G 342	Sparrow	R.F. Smith	7-200-1
7-1	Slide No. A-4063-G 340	Sparrow	R.F. Smith	7-201-1
7-1	Slide No. A-4063-I 341	Sparrow	R.F. Smith	7-202-1
7-9	Slide No. A-692-A (C)	Sparrow	R.F. Smith	7-203-1
7-9	Slide No. A-2895-N (E) 204	Sparrow	R.F. Smith	7-204-1

August

Date	Caption	Dept.	Photographer	Number
7-30	Close-ups of Trillium plants in Gamma field.	Sparrow Biology	R.J.Walton	8-1-1
7-30	Close-ups of Trillium plants in Gamma field.	Sparrow Biology	R.J.Walton	8-2-1
7-30	Corn in Gamma field comparison at various distances from the source.	Singleton Biology	R.J.Walton	8-3-1
7-30	Sector of Gamma field showing effect of radiation at various distances.	Sparrow Biology	R.J.Walton	8-4-1
7-30	Sector of Gamma field showing effect of radiation at various distances.	Sparrow Biology	R.J.Walton	8-5-1
7-30	Sector of Gamma field showing effect of radiating at various distances from the source.	Sparrow Biology	R.J.Walton	8-6-1
7-30	Sector of Gamma field showing effect of radiation on plants growth.	Sparrow Biology	R.J.Walton	8-7-1
7-30	Sector of Gamma field showing effect of radiation on plant growth.	Sparrow Biology	R.J.Walton	8-8-1
7-30	Tobacco in Gamma Field 3 meters.	Singleton Biology	R.J.Walton	8-9-1
7-30	Tobacco in Gamma Field 4 meters.	Singleton Biology	R.J.Walton	8-10-1
7-30	Tobacco in Gamma Field 5 meters.	Singleton Biology	R.J.Walton	8-11-1
7-30	Tobacco in Gamma Field 7 meters.q	Singleton Biology	R.J.Walton	8-12-1
7-30	Tobacco in Gamma Field 9 meters.	Singleton Biology	R.J.Walton	8-13-1
7-30	Tobacco in Gamma Field 11 meters.	Singleton Biology	R.J.Walton	8-14-1
7-30	Tobacco in Gamma Field 13 meters.	Singleton Biology	R.J.Walton	8-15-1
7-30	Tobacco in Gamma Field 43 meters.	Singleton Biology	R.J.Walton	8-16-1
8-1	Electron Micrographs Other Neg. 8-139-1	Fluke Biology	P.Forman	8-17-1 thru 8-20-1
8-1	Graphs for Slides.	VanAllen Physics	P.Forman	8-21-1 thru 8-26-1

Date	Caption	Dept.	Photographer	Number
8-1	Graph %Survival Days after irradition.	Edelman Biology	P.Forman	8-27-1
8-1	Graph.	Miskel Chemistry	P.Forman	8-28-1
8-1	Graph.	Wolf Chemistry	P.Forman	8-29-1 thru 8-31-1
8-1	Graphs.for Slides.	VanSlyke Medical	P.Forman	8-32-1 thru 8-36-1
8-1	Copy	Webster	P.Forman	8-37-1
8-1	Copies of PM of Kidneys.	Van Slyke Medical	P.Forman	8-38-1 thru 8-41-1
8-1	Copy	Nims Sheraga Biology	M.Bull	8-42-1
8-6	Tradescantia Buds & Plants.	DrGunckel Biology	R.F.Smith	8-43-1 thru 8-64-1
8-6	Sprinkler System & pipe line.	WMCDonal AP&PM	J.F.Garfield	8-65-1 & 8-66-1
8-6	Copies.	Mihelich Physics	A.Lasky	8-67-1 thru 8-70-1
8-6		Bohnhorst Meteorology	Bohnhorst	8-71-1 thru 8-77-1
8-6	(A) PM of X rayed B Coli 3000X (First set made)	Rubin Biology	R.F.Smith	8-78-1 thru 8-80-1
8-6	(B) PM of normal B Coli 2200X (glass Plate)	Rubin Biology	R.F.Smith	8-81-1
8-7	Graphs for Slides.	Nims Biology	M.Bull	8-82-1 & 8-83-1
8-6	Graphs.	DelDuca Electronics	P.Forman	8-84-1 thru 8-86-1
8-7	First quadrant of the Cosmotron vacuum chamber.	Collins Cosmotron	Walton & Garfield	8-87-1 8-88-1
8-6	Dr. Gunckel and Technician Morrow. Another Neg. (8-106-1).	DrGunckel Biology	R.F.Smith	8-89-1 thru 8-91-1
8-7	Dr. Gunckel working in green house.	DrGunckel Biology	J.F.Garfield	8-92-1 thru 8-95-1

Date	Caption	Dept.	Photographer	Number
8-7	Erecting green house.	RMaust AP&PM	J.F.Garfield	8-96-1 thru 8-104-1
8-2	Glad Plants in Field.	Christensen Biology	R.J.Walton	8-105-1
8-7	Dr. Gunckel & Technician Morrow. Other Neg. 8-89-1 - 8-91-1.	DrGunckel Biology	R.F.Smith	8-106-1
8-6	General view showing Van de Graaf & injectorl	Collins Cosmotron	R.J.Walton	8-107-1
8-6	Exterior view of Cosmotron building.	Collins Cosmotron	R.J.Walton	8-108-1
8-6	Graphs for Slides.	Sussman Biology	P.Forman	8-109-1 thru 8-120-1
8-2	Entrance to Radiation Field.	Singleton Biology	R.J.Walton	8-121-1
8-9	Motor Generator room.	Collins Cosmotron	R.J.Walton	8-122-1
8-6	Exterior view of Cosmotron building.	Collins Cosmotron	R.J.Walton	8-123-1
8-6	Exterior view of Cosmotron Building.	Collins Cosmotron	R.J.Walton	8-124-1
8-9	Graphs for Slides.	Sussman Biology	P.Forman	8-125-1 thru 8-128-1
8-10	PM of Radio Autograph.	DrBowen Biology	R.F.Smith	8-129-1
8-10	PM of intestinal tract of insect. Photo made by light given off when ultra violet rays pass thru tissue.	DrBowen Biology	R.F.Smith	8-130-1
8-10	PM of Radio Autograph.	DrBowen Biology	R.F.Smith	8-131-1
8-9	End view of quadrant showing water jackets.	Collins Cosmotron	R.J.Walton	8-132-1
8-9	General view of vacuum chamber.	Collins Cosmotron	R.J.Walton	8-133-1
8-9	Close-up end view of vacuum chamber. Polk & Jacobus.	Collins Cosmotron	R.J.Walton	8-134-1
8-9	M. Plotkin adjusting meter on amplyfier.	Collins Cosmotron	R.J.Walton	8-135-1

Date	Caption	Dept.	Photographer	Number
8-8	Cosmotron Vault	Collins Cosmotron	J.F.Garfield	8-136-1
8-8	Cosmotron Vault Deleted by JFG 8-13-51	Collins Cosmotron	J.F.Garfield	8-137-1
8-9	Graph for Slide.	Sancier Chemistry	P.Forman	8-138-1
7-30	Electron Micrographs (Neg. 8-17-1 - 8-20-1).	Fluke Biology	P.Forman	8-139-1
8-2	M M Scale/	Moses Biology	R.J.Walton	8-140-1
8-10	Graph for Slide.	VanSlyke Medical	P.Forman	8-141-1
8-10	Graphs for Slides.	Sparrow Biology	P.Forman	8-142-1 thru 8-146-1
8-13	Graph for Slide.	Sancier Chemistry	H.Maile	8-147-1
8-13	Graphs for Slides.	VanSlyke Medical	P.Forman	8-148-1 & 8-149-1
8-13	Schematic fo East face of Pile.	Bernstein HPhysics	P.Forman	8-150-1
8-13	Graphs.	Bernstein HPhysics	P.Forman	8-151-1 thru 8-154-1
8-6	Moving pole face winding.	Mede Cosmotron	R.J.Walton	8-155-1
8-6	Removing pole face winding from magnet.	Mede Cosmotron	R.J.Walton	8-156-1
8-13	PM of section of digestive tract of fly. 650X.	Bowen Biology	R.F.Smith	8-157-1
8-13	PM of section fo digestive tract of fly 90X.	Bowen Biology	R.F.Smith	8-158-1
8-13	PM of cells from intestinal tract of fly 650X.	Bowen Biology	R.F.Smith	8-159-1
8-13	PM of cells from intestinal tract of fly. 650X.	Bowen Biology	R.F.Smith	8-160-1
8-13	PM of Adrenal gland tissue Slide YM-1 200X.	Mateyko Biology	R.F.Smith	8-161-1
8-13	PM of Adrenal gland tissue Slide 2T-2 200X.	Mateyko Biology	R.F.Smith	8-162-1

Date	Caption	Dept.	Photographer	Number
8-13	PM of Adrenal gland tissue Slide WK-1 200X.	Mateyko Biology	R.F.Smith	8-163-1
8-13	PM of Adrenal gland tissue Slide M2 200X.	Mateyko Biology	R.F.Smith	8-164-1
8-13	PM of Adrenal gland tissue Slide V-2 211X.	Mateyko Biology	R.F.Smith	8-165-1
8-14	Graphs for Slides.	Sparrow Biology	H.Maile	8-166-1 thru 8-173-1
8-14	Graphs.	Mazzorella Meteorology	H.Maile	8-174-1 thru 8-176-1
8-15	PM of disected Tradescantia bud embryos.	DrGunckel Biology	R.F.Smith	8-177-1 thru 8-188-1
8-15	Graphs for Slides.	Sparrow Biology	H.Maile	8-189-1 & 8-190-1
8-10	Mold for pole face winding.	Mede Cosmotron	R.J.Walton	8-191-1
8-13	Rain water collector tank.	DeLaguna Geology	R.J.Walton	8-192-1
8-10	Console & flooring in control room.	Kassner Cosmotron	R.J.Walton	8-193-1 & 8-194-1
8-15	Automatic sample counter.	SHarris HPhysics	R.J.Walton	8-195-1
8-15	Automatic sample counter - exploded view.	SHArris HPhysics	R.J.Walton	8-196-1
8-16	Graph for Slide.	Chemistry Sancier	H.Maile	8-197-1
8-17	Two-Liquid Manometer Construction.	Anderson Chemistry	H.Maile	8-198-1
8-17	Biology Demonstration	Christensen Biology	R.J.Walton	8-202-1 A & 8-202-1 B

Date	Caption	Dept.	Photographer	Number
8-17	Potatoes, both controls and radiated samples, to show color change.	Sussman Biology	R.J.Walton	8-206-1
8-14	"Hot Pot" general view, with top section up, showing interior section.	Hot Lab Strickland	R.J.Walton	8-207-1
8-14	"Hot Pot", top view, showing valves.	Strickland Hot Lab	R.J.Walton	8-208-1
8-14	General view of "Hot Pot".	Strickland Hot Lab	R.J.Walton	8-209-1
8-14	View of the interior section of the "Hot Pot".	Strickland Hot Lab	R.J.Walton	8-210-1
8-14	"Hot Pot", interior showing piping assembly & under side of valve section.	Strickland Hot Lab	R.J.Walton	8-211-1
8-14	D. Antos generating smoke.	Antos Meteorology	R.J.Walton	8-212-1
8-14	D. Antos measuring smoke density.	Antos Meteorology	R.J.Walton	8-213-1
8-14	General, set-up for measuring smoke density.	Antos Meteorology	R.J.Walton	8-214-1
8-14	D.Antos controling smoke from miniature smoke generator.	Antos Meteorology	R.J.Walton	8-215-1
8-14	Funnels set-up to draw and measure smoke density.	Antos Meteorology	R.J.Walton	8-216-1
8-20	Graphs for Slides.	DrHughes Physics	P.Forman	8-217-1 thru 8-220-1
8-20	Comparison of centers of gravity of absorption bands for the Iso-Electronic Ions Nd^{+3} & v^{+3}.	Sancier Chemistry	P.Forman	8-221-1
8-20	Absorption Sectra of $PrCl_3$ in 4900A to 4500A Section.	Sancier Chemistry	P.Forman	8-222-1
8-20	Absorption Spectra at 77°K.	Sancier Chemistry	P.Forman	8-223-1
8-20	Graphs.	Person Biology	P.Forman	8-224-1 thru 8-225-1
8-21	Graphs for Slides.	VanAllen Physics	P.Forman	8-226-1 & 8-227-1
8-22	Graphs for	SHarris [illegible]	[illegible]	8-228-1 & [illegible]

Date	Caption	Dept.	Photographer	Number
8-22	Graph.	SHarris HPhysics	P.Forman	8-230-1
8-21	Corn Plants in Gamma Field.	DRSingleton Biology	R.J.Walton	8-231-1
8-21	Spectrophotometry set-up.	Biology Moses	R.J.Walton	8-232-1 & 8-233-1
8-22	Composite of Chemical Apparatus.	Anderson Delevarre Chemistry	P.Forman	8-234-1
8-23	Graphs for Slides.	Wolf Chemistry	P.Forman	8-235-1 thru 8-247-1
8-23	Titles were blocked out of Neg. Nos. 7-15-1,7-16-1,7-17-1, and prints were made & given new nos. in that order.	Freed Chemistry	M.Bull	8-248-1 thru 8-250-1
8-23	Graph for Slide.	Wolf Chemistry	P.Forman	8-251-1
8-21	Portrait R.W.Dodson.	Dodson Chemistry	J.F.Garfield	8-252-1 thru 8-255-1
8-27	Graph for Slide.	Sancier Chemistry	H.Maile	8-256-1
8-27	Drawing for Nitrogen Oxide Slide. Reducer.	Anderson Chemistry	P.Simack	8-257-1
8-24	Trad. Plants in Gamma Field.	DrGunckel Biology	R.J.Walton	8-258-1 thru 8-264-1
8-27	Graphs for Slides.	Poss Physics	H.Maile	8-265-1 thru 8-267-1
8-27	(B)PM of Coli (Second set made)	Rubin Biology	R.F.Smith	8-268-1 thru 8-276-1
8-28	Copy of X-Ray Film.	DrClark Physics	H.Maile	8-277-1
8-20	Constructing box which will contain ferrite Transformer.	DrYuan Cosmotron	R.F. Walton	8-278-1
8-21	Close-up of spud potatoes, showing effect of radiation.	Sussman Biology	R.J.Walton	8-279-1
8-23	Mass Synchrometer.	LSmith Physics	R.J.Walton	8-280-1 & 8-28-1-1
8-28	Graphs.	Motz Physics	H.Maile	8-282-1 thru 8-288-1

Date	Caption	Dept.	Photographer	Number
8-28	Graph for Slide.	VanSlyke Medical	H.Maile	8-289-1
8-28	The effect of growth in an X-ray field (100r/min) on the size of the cells and on the max. count in liquid cultures of E Coli B/r.	Rubin Biology	H.Maile	8-290-1
8-28	A possible mechanism for the participation of Tyrosinose in Respirtion.	Sussman Biology	H.Maile	8-291-1
8-28	The Chemistry of Melanin Formation.	Sussman Biology	H.Maile	8-292-1
8-28	Graphs for Slides.	Sussman Biology	H.Maile	8-293-1 thru 8-298-1
8-24	Trenches for new Biology Building.	Mangan AP&PM	R.J.Walton	8-299-1 thru 8-306-1
8-23	Base for ferrite transformer.	Mede Cosmotron	R.J.Walton	8-307-1 & 8-308-1
8-24	Aero vanes on Meteorology Tower.	Mazzorella Meteorology	J.F.Garfield	8-309-1 & 8-310-1
8-24	U.S.B. of S. equipment on Meteor. Tower taken from the top looking down at it.	Mazzorella Meteorology	J.F.Garfield	8-311-1 & 8-312-1
8-24	Horrigan + Upbow	Hot Lab JBurt	J.F.Garfield	8-313-1 & 8-314-1
8-28	Effect of 2:4 Dinitrophenal on oxygen uptake of diaphragm.	DrSacks Biology	H.Maile	8-315-1
8-28	Effect of Dinitrophenal on acid-soluble P of diaphragm. A & B.	DrSacks Biology	H.Maile	8-316-1 & 8-318-1
8-28	Effect of Dinitrophenal on turn-over of P Compounds of diaphragm.	DrSacks Biology	H.Maile	8-319-1
8-28	Graphs for Slides.	C.Damm Physics	H.Maile	8-320-1 thru 8-322-1
8-28	Graphs for Slides.	Piccioni Physics	H.Maile	8-323-1 thru 8-326-1
8-29	Copy of Spectragrams.	Mihelich Physics	A.Lasky	8-327-1
8-30	Copy of Locking Bar Detail Drawing Figure 2.	FDugan Design Gr.	M.Bull	8-328-1

Date	Caption	Dept.	Photographer	Number
8-30	Metal Basket, Fig. 1. Line Drawing.	Dugan Design Gr.	M.Bull	8-329-1
8-31	Graphs for Slides.	Wolf Chemistry	H.Maile	8-330-1 thru 8-333-1
8-31	Mesons & Protons curves. Graph for Slide.	Piccioni Physics	H.Maile	8-334-1
8-31	Copies of Electro Micrographs.	Fluke Biology	P.Simack	8-335-1 thru 8-349-1

September

Date	Caption	Dept.	Photographer	Number
8-31	Saul Sternberg shown working with Particle Tracks.	JBurt Physics	R.J.Walton	9-1-1
8-27	Biology plants 50 r/day.	DRMichaelson Biology	R.J.Walton	9-2-1
8-30	Barley Plants 25 r/day.	Michealson Biology	R.J.Walton	9-3-1
8-30	Barley Plants 100 r/day	Michealson Biology	R.J.Walton	9-4-1
8-30	Barley Plants - close-up of a section of the 100 r/day.	Michealson Biology	R.J.Walton	9-5-1
8-30	Sector of the Gamma field, showing rows of Barley.	Michealson Biology	R.J.Walton	9-6-1
8-30	Michealson standing beside corn.	Michealson Biology	R.J.Walton	9-7-1
8-30	Bacteria Colony PM.	DRDrew Medical	R.J.Walton	9-8-1
8-27	End view of Pole Face winding before pour.	Mede Cosmotron	R.J.Walton	9-9-1
8-27	End view of Pole Face winding beofre pour.	Mede Cosmotron	R.J.Walton	9-10-1
9-3	Copies for Slides.	Freed Chemistry	P.Simack	9-11-1 & 9-12-1
9-3	Graphs for Slides.	Goldhaber Physics	PLSimack	9-13-1 thru 9-15-1
9-5	Copies for Slides.	DrSchaeffer Chemistry	A.Lasky	9-16-1 thru 9-18-1
9-5	Graphs for Slides.	Chemistry	P.Simack	9-19-1 thru 9-25-1
9-6	Ragweed, showing cluster at topr.	Sparrow Biology	R.J.Walton	9-26-1
9-5	PM for Knute Michaelson	Michealson Biology	J.[illegible]arfield	9-27-1 thru 9-33-1
9-6	Comparison of Distribution of Label in Alanine, Malic Acid, Sucrose.	DrGibbs Biology	P.Simack	9-34-1
9-6	Fermentation of Glucose by Rhizopus Oryzae.	DrGibbs Biology	P.Simack	9-35-1

Date	Caption	Dept.	Photographer	Number
9-6	Distribution of Label in Alanine.	DrGibbs Biology	P.Simack	9-36-1
9-6	Anaerobic Dissimilation of Glucose by Rhizopus Oryzae.	DrGibbs Biology	P.Simack	9-37-1
9-6	Distribution of Label in Malic Acid.	DrGibbs Biology	P.Simackq	9-38-1 & 9-39-1
9-6	Distribution of Label in Glucose & Fructose.	DrGibbs Biology	P.Simack	9-40-1
9-6	Degradation of Malic Acid.	DrGibbs Biology	P.Simack	9-41-1
9-6	Distribution of Label in Lactic Acid R. Oryzae Fermentation of Labeled Glucose.	DrGibbs Biology	P.Simack	9-42-1
9-6	Fermentation of Glucose by Leuconostoc Mesenteroides.	DrGibbs Biology	P.Simack	9-43-1
9-6	Fermentation of Glucose by Yeast.	DrGibbs Biology	P.Simack	9-44-1
9-6	Fermentation of Glucose by Lactobacillus Cosic.	DrGibbs Biology	P.Simack	9-45-1
9-6	Graphs for Slides.	DrGibbs Biology	P.Simack	9-46-1 thru 9-51-1
9-6	Drive motor & lead shield arrangement for pulling copper wire out of Reactor.	Bernstein Electronics	P.Simack	9-52-1
9-6	Neutron Flux Distribution Fig. 4 & 5.	Bernstein Electronics	P.Simack	9-53-1
9-6	Neutron Flux Distribution Fig. 6 & 7.	Bernstein Electronics	P.Simack	9-54-1
9-6	Copy for Slide.	Thornton Physics	P.Simack	9-55-1
9-5	60 r/day thistle Bush.	Christensen Biology	R.J.Walton	9-56-1
9-5	125 r/day Thistle Bush.	Christensen Biology	R.J.Walton	9-57-1
9-5	250 r/day Thistle Bush.	Christensen Biology	R.J.Walton	9-58-1
9-5	Tomato Plants at the 400 r/day line.	Christensen Biology	R.J.Walton	9-59-1

Date	Caption	Dept.	Photographer	Number
9-6	Dr. Sparrow shown looking at a Tradescantia bud.	Sparrow Biology	R.J.Walton	9-60-1
9-6	Dr. Sparrow shown inspecting a Tradescantia bud.	Sparrow Biology	R.J.Walton	9-61-1
9-6	Sector of Gamma field - Snap dragons.	Sparrow Biology	R.J.Walton	9-62-1
9-6	Sector of Gamma Field.	Sparrow Biology	R.J.Walton	9-63-1
9-6	Comparison in plants of Radiation Effects.	Sparrow Biology	R.J.Walton	9-64-1
9-6	Cuttings from "Snap dragons" showing effect of radiation.	Sparrow Biology	R.J.Walton	9-65-1
9-6	Radiated plants before regeneration.	Christensen Biology	R.J.Walton	9-66-1
9-6	Graphs for Slides.	Rubinson Chemisztry	H.Maile	9-67-1 & 9-68-1
9-7	Pm of Nerve Tissue.	Biology Goldring	R.J.Walton	9-69-1 thru 9-73-1
9-10	Dr. Goudsmit portrait. (copy of photo).	Webster Physics	M.Bull	9-74-1
9-10	Dr. Clifford Swartz shown at work on the Cosmotron project.	JBurt PR	R.J.Walton	9-75-1
9-11	Graphs for Slides.	Goldhaber Physics	H.Simack	9-76-1 thru 9-79-1
9-11	Graph for Slide.	Freed Chemistry	H.Maile	9-80-1
9-11	Graphs for Slides.	Goldhaber Physics	H.Maile	9-81-1
9-11	Radio- Autographs.	R.King Biology	J.F.Garfield	9-82-1 thru 9-86-1
9-11	Graphs for Slides.	Goldhaber Physics	H.Maile	9-87-1 & 9-88-1
9-12	Copies of Composite.	Anderson Chemistry	M.Herbert	9-89-1 thru 9-9-1-1

Date	Caption	Dept.	Photographer	Number
9-12	Temporary vacuum section and coil.	Collins Cosmotron	R.J.Walton	9-92-1
9-12	Accelerating section,	Collins Cosmotron	R.J.Walton	9-93-1
9-12	Vacuum chamber in cradle.	Collins Cosmotron	R.JWalton	9-94-1
9-12	Flat Pole face winding being moved by crane.	Collins Cosmotron	Garfield ~~R.J.Walton~~	9-95-1
9-12	Ferrite Transformer.	Collins Cosmotron	R.J.Walton	9-96-1
9-14			M.Herbert	9-97-1
9-14	Copy of Drawing.	Collins Cosmotron	M.Bull	9-98-1
9-14	Graph. $\frac{K}{L}$ Ratios for Magnetic Transitions.	Goldhaber Physics	M.Bull	9-99-1
9-14	Graph. $\frac{K}{L}$ Ratios for Electric Transitions.	Goldhaber Physics	M.Bull	9-100-1
9-14	Graphs for Slides.	Goldhaber Physics	M.Bull	9-101-1 thru 9-106-1
9-14	Copy for Slide.	Mihelich Physics	M.Bull	9-107-1
9-17	Copy of Graph for slide	Hughes Physice	Maile	9-108-1
9-18	Copy on composite of P.M.'s	Mateyko Biology	Maile	9-109-1
9-18	Copy of Kodachrome transparency of cancer patient irradiated at the pile	Farr Medical	Smith	9-110-1
9-18	Photomicrograph of breast cancer section	Godwin Medical	Smith	9-111-1 thru 9-123-1
9-18	Thyroid cancer patient showing external tumor	Mayer Medical	Smith	9-124-1
9-18	Thyroid cancer patient showing tumor in oral cavity	Mayer Medical	Smith	9-125-1

Date	Caption	Dept.	Photographer	Number
9-18	Clinical head study of cancer patient	Mayer Medical	Smith	9-126-1
9-18	Cancer patient showing tumor on top of skull	Mayer Medical	Smith	9-127-1
9-18	Clinical head study of cancer patient with tumor and fistula on back	Mayer Medical	Smith	9-128-1
9-18	Tumor and fistula on back of cancer patient	Mayer Medical	Smith	9-129-1
9-18	Photomicrograph of chromosome in root tip of trad. plant 1000 X	Michelson Biology	Smith	9-130-1 & 9-131-1
9-18	Photomicrograph of chromosome in root tip of trad. plant 2000X	Michelson Biology	Smith	9-132-1
9-18	Photomicrograph of chromosome in root tip of trad. plant 1000X	Michelson Biology	Smith	9-133-1 & 9-134-1
9-18	P.M. of alkaline section of Drosphila gut 1000 X	King Biology	Smith	9-135-1
9-18	Drosophila fly mutaub	King Biology	Smith	9-136-1
9-18	Progress photo of Bio. Bldg. constr.	Stubbings AEC	Smith	9-137-1
9-19	Two Ionization Chambers	Roth H.Phys.	Walton	9-138-1
9-19	Film badge dev. rack-detail	Roth H.Phys.	Walton	9-139-1
9-19	Film badge dev. rack	Roth H.Phys.	Walton	9-140-1
9-13	Gamma field - view of Barley section showing variations in growth	Christensen Biology	Walton	9-141-1
9-13	Gamma field - view of brocoli section with "source" in foreground	Christensen Biology	Walton	9-142-1
9-20	Copy for slides (Fig.2)	Thornton Physics	Bull	9-143-1
9-20	Copy for slides (Fig. 3)	Thornton Physics	Bull	9-144-1

Date	Caption	Dept.	Photographer	Number
9-20	Copy for slides (Fig. 10)	Thornton Physics	Bull	9-145-1
9-20	Copy for slides (Fig.10.1)	Thornton Physics	Bull	9-146-1
9-20	Copy for slides (Fig.14)	Thornton Physics	Bull	9-147-1
9-20	Copy for slides (Fig.15)	Thornton Physics	Bull	9-148-1
9-20	Copy for slides (Fig.16)	Thornton Physics	Bull	9-149-1
9-20	Copy for slides (Fig.20)	Thornton Physics	Bull	9-150-1
9-20	Copy for slides (Fig.21)	Thornton Physics	Bull	9-151-1
9-20-	Copy for slides (Fig.22)	Thornton Physics	Bull	9-152-1
9-20	Copy for slides (Fig.23)	Thornton Physics	Bull	9-153-1
9-20	Copy for slides (Fig.24)	Thornton Physics	Bull	9-154-1
9-20	Copy for slides (Fig. 25)	Thornton Physics	Bull	9-155-1
9-20	Copy for slides (Fig.27)	Thornton Physics	Bull	9-156-1
9-20	Copy for slides (Fig.28)	Thornton Physics	Bull	9-157-1
9-20	Copy for slides (Fig.29.2)	Thornton Physics	Bull	9-158-1
9-20	Copy for slides (Fig.30)	Thornton Physics	Bull	9-159-1
9-20	Copy for slides (Fig.31)	Thornton Physics	Bull	9-160-1
9-20	Copy for slides (Fig.33)	Thornton Physics	Bull	9-161-1
9-20	Copy for slides (Fig.35)	Thornton Physics	Bull	9-162-1

Date	Caption	Dept.	Photographer	Number
9-20	Copy for slides (Fig.36)	Thornton Physics	Bull	9-163-1
9-20	Copy for slides (Fig.37.1)	Thornton Physics	Bull	9-164-1
9-20	Copy for slides (Fig.38)	Thornton Physics	Bull	9-165-1
9-20-	Copy for slides (Fig.42.1)	Thornton Physics	Bull	9-166-1
9-20	Copy for slides (Fig.43)	Thornton Physics	Bull	9-167-1
9-20	Copy for slides (Fig.45)	Thornton Physics	Bull	9-168-1
9-20	Copy for slides (Fig.52)	Thornton Physics	Bull	9-169-1
9-20	Copy for slides (Fig.53)	Thornton Physics	Bull	9-170-1
9-20	Copy for slides (Fig.54)	Thornton Physics	Bull	9-171-1
9-20	Copy for slides (Fig.55)	Thornton Physics	Bull	9-172-1
9-20	Copy for slides (Fig.56)	Thornton Physics	Bull	9-173-1
9-20	Copy for slides (Fig.59)	Thornton Physics	Maile	9-174-1
9-21	Graphs for Slides	King Biology	Maile	9-175-1 thru 9-179-1
9-21	Graphs for Slides	King Biology	Maile	9-180-1 thru 9-188-1
9-19	Diffusion of liquid waste in a filtering medium	DeLaguna Geology	Walton	9-189-1
9-19	Diffusion of liquid waste in a filtering medium	DeLaguna Geology	Walton	9-190-1
9-19	Diffusion of liquid waste in a filtering medium	DeLaguna Geology	Walton	9-191-1
9-19	Diffusion of liquid waste in a filtering medium	DeLaguna Geology	Walton	9-192-1

Date	Caption	Dept.	Photographer	Number
9-20	Diffusion of liquid waste in a filtering medium	DeLaguna Geology	Walton	9-193-1
9-20	Diffusion of liquid waste in a filtering medium	DeLaguna Geology	Walton	9-194-1
9-18	Construction progress on new Biology Building	Lancaster Biology	Walton	9-195-1 thru 9-197-1
9-19	Dick Vogt presents tennis trophy to Dr. Hartzell	Vogt BERA	Walton	9-198-1
9-19	Tennis Finals - Play-off	Vogt BERA	Walton	9-199-1
9-19	Tennis Finals - Play-offs	Vogt BERA	Walton	9-200-1
9-19	D. Vogt presents tennis trophy to another winner	Vogt BERA	Walton	9-201-1
9-19	Ferrite transformer showing progress in assembly.	Plotkin Cosmotron	Walton	9-202-1 thru 9-206-1
9-12	Ferrite Transformer	Plotkin Cosmotron	Garfield	9-207-1 thru 9-212-1
9-21	Copies of Graphs	Gibbs Biology	Fuka	9-213-1 & 9-214-1
9-20	Copies for Slides	Mateyko Biology	Maile	9-215-1 thru 9-217-1
9-25	Graphs for Slides	Hafner Cyclotron	Fuka	9-218-1 thru 9-227-1
9-20	Copies for Drawings	Anderson Chemistry	Simack	9-228-1 & 9-229-1
9-21	Copy of Graphs and Scales Wind Direction and Ace Temp.	Lefkowitz Meteor.	Bull	9-230-1 thru 9-232-1
9-6	General view of Cyclotron Vault	Merkle Cyclotron	Garfield & Walton	9-233-1 & 9-234-1

Date	Caption	Dept.	Photographer	Number
9-19	P.M. of breast cancer section	Godwin Path	Smith	9-235-1 thru 9-250-1
9-22	Rooted Ginko Bilaba leaves	Chris Biology	Smith	9-251-1
9-22	P.M. of yeast cells 750 X (temp)	King Biology	Smith	9-252-1
9-22	P.M. of yeast in test tube Hansula showing the Psudo My celia	King Biology	Smith	9-253-1
9-22	P.M. of yeast in test tube Hansula showing the Psudo My celia - (Prismatic Bass relief)	King Biology	Smith	9-254-1
9-22	P.M. of yeast in test tube (Candida)	King Biology	Smith	9-255-1
9-22	P.M. of yeast in test tube showing Psudo Mycelia of Hansula	King Biology	Smith	9-256-1
9-26	Insulin and Phosphorus Compounds of diaphram	Sacks Biology	Simack	9-257-1
9-26	Effect of Insulin on Phosphorus Turn-over in diaphram	Sacks Biology	Simack	9-258-1
9-24	Comparison between two tobacco plants	Chris Biology	Walton	9-259-1
9-24	Tobacco Plant	Chris Biology	Walton	9-260-1
9-26	Absorption of P^{32} β - Particle Energy by Spheres of varying Radii	King Biology	Fuka	9-261-1
9-21	Progress shot of Biology Building	Lancaster AEC	Walton	9-262-1 & 9-263-1
9-21	Side view of Ferrite Transformer	Plotkin Cosmotron	Walton	9-264-1 & 9-265-1
9-21	Front view of Ferrite Transformer	Plotkin Cosmotron	Walton	9-266-1
9-21	Top view of Ferrite Transformer	Plotkin Cosmotron	Walton	9-267-1

Date	Caption	Dept.	Photographer	Number
9-25	Graphs for slides - Dose in Roentgens Days after Exp.	Nims Biology	Maile	9-268-1 thru 9-270-1
9-26	Graphs for Slide Bioassay of Pituitary - (Adrenacorticotraphin) (Gonadatraphin) (Thyrotrophin)	Mateyko Biology	Maile	9-271-1 thru 9-276-1

October

Date	Caption	Dept.	Photographer	Number
9-27	Copy of X-Ray.	Dr.Godwin Medical	R.F.Smith	10-1-1
9-27	Copy of X-Ray.	Dr.Godwin Medical	R.F.Smith	10-2-1
10-1	Graphs for Slides.	Goldberg Physics	H.Maile	10-3-1 thru 10-16-1
10-1	PM of Cancer Cells.	Dr.Godwin Medical	R.F.Smith	10-17-1 thru 10-35-1
10-1	Tradescantia Roots and Shoots.	Christensen Biology	R.F.Smith	10-36-1 thru 10-46-1
10-1	Photomicrograph showing Cell Metosis	Mateyko Biology	R.F.Smith	10-47-1
10-3	Two charts on Nerve Center and Tumor.	Dr.Godwin Medical	R.F.Smith	10-48-1 & 10-49-1
10-1	Fiscal ., so-called "softball" champs? of 1951.	Vogt Recreation	R.J.Walton	10-50-1
9-28	Glass rack-system used in preparation of samples to be radiated by the Van de Graaf Generator.	Dodson Chemistry	R.J.Walton	10-51-1
9-27	Progress on view addition to Biology Building.	Lancaster AEC	R.J.Walton	10-52-1
10-2	Biology Building Construction Progress.	Lancaster AEC	R.J.Walton	10-53-1 thru 10-57-1
10-1	Setting vacuum chamber in place.	Collins Cosmotron	R.J.Walton	10-58-1 thru 10-60-1
10-3	No. of Scintillations Per 10^5 Gamma-Quanta.	Hornyak Physics	R.L.Fuka	10-61-1
10-3	No. of Scintillations Per 10^5 Neutrons.	Hornyak Physics	R.L.Fuka	10-62-1 & 10-63-1
10-3	Nomogram showing relationship of Time of Irradiation of 1 gram of Uranium, % yield of a fission product and activity of that fission product.	Orlowski TDI	H.Maile	10-64-1
10-3	Spectra of U^{+3} and Nd^{3} at $77^{o}K$ 1 Neg. with & 1 Neg. without printing	Sancier Chemistry	R.L.Fuka	10-65-1 & 10-66-1

Date	Caption	Dept.	Photographer	Number
10-3	Spectra of U^{+4} and Pr^{+3} at 77°K 1 Neg. with & 1 Neg. without printing	Sancier Chemistry	R.L.Fuka	10-67-1 & 10-68-1
10-4	Graph for Slide.	Salant Physics	R.L.Fuka	10-69-1 & 10-70-1
10-11	Graphs for Slides.	Alburger Physics	H.Maile	10-71-1 thru 10-77-1
10-3	Neutron beam Analyzer.	Sailor Physics	R.J.Walton	10-78-1
10-1	Pig set on skids and ready for Shipment.	Powell Reactor	R.J.Walton	10-79-1 & 10-80-1
10-5	Graphs.	Drew Medical	R.L.Fuka	10-81-1 & 10-82-1
	DECLASSIFIED NEGS.	BNL LOG NO.		
7-28-48	Pile Progress - South face shielding taken from outside of wall.	P-267	Walton	10-83-1
11-17-48	Pile Progress	P-423	Walton	10-84-1
1-6-49	Pile Progress- Picture of Gap face - South half of Pile Layer #63 of North half	P-487	Walton	10-85-1
12-30-48	Pile Progress - Control Rod #4 Layer # 53	P-486	Walton	10-86-1
1-17-49	Pile Progress - Gap East to West	P-500	Walton	10-87-1
3-10-49	Pile Progress - Installing pile roof plugs	P-525	Walton	10-88-1
	Pile Progress	P-1062	Walton	10-89-1
4-8-49	Pile Progress - Interior west wall of Pile shield showing control rod housings	P-544	Walton	10-90-1
10-14-49	West face of Pile showing control Room, Balconies and Control Rod Structure	P-819	Walton	10-91-1
10-26-49	Pile Interior - Charging tubes on south face of pile	P-830	Walton	10-92-1
10-3	Neutron beam analyzer	Dodson Chemistry	Walton	10-93-1
10-10	Graphs for Prints	Chem	Maile	10-94-1 &

Date	Caption	Dept.	Photographer	Number
10-9	Copy of Fray showing Iodine in Thyroid	Godwin Path	Smith	10-96-1
10-9	PM of living nerve tissue culture	Goldring Biology	Smith	10-97-1
10-9	Kolinkhae plants in greenhouse	German Biology	Smith	10-98-1
10-9	Sectional tumor (PM)	Godwin Path	Smith	10-99-1
10-9	Copy of grass specimen from 35mm Kodachrome	Godwin Path	Smith	10-100-1
10-8	Tomato plants in greenhouse	Chris Biology	Smith	10-101-1 thru 10-103-1
10-8	Tradescantia plant Close-up	Chris Biology	Smith	10-104-1 thru 10-127-1
10-9	Nephrosis patient in Hospital (Front trunk view showing veins)	Foster Medical	Smith	10-128-1
10-9	Nephrosis patient in hospital. (Back view showing veins)	Foster Medical	Smith	10-129-1
10-10	Graph for slide	Hornyak Physics	Maile	10-130-1
10-10	Graphs for Slides	Snow Physics	Maile	10-131-1 thru 10-133-1
10-10	Graphs for Slides	King Biology	Maile	10-134-1 & 10-135-1
10-10	Graphs for Slides	Gilbert Physics	Maile	10-136-1 thru 10-140-1
10-11	Graph - Distribution of Nuclear Isomers of Odd A	Goldhaber Physics	Maile	10-141-1
10-11	Proportional Counter	Rubinson Chem.	Walton	10-142-1
10-15	Graphs for Slides	Weston Chem.	Simack	10-143-1 thru 10-151-1

Date	Caption	Dept.	Photographer	Number
10-10	Construction of new bldg. for the Biology group	Burt Biology	Walton	10-152-1
10-16	Monel diaphram after 3 month use and exposure to B_4F_3 Operating thru 250 hrs.	Page Reactor	Walton	10-153-1 & 10-154-1
10-5	Waste disposal pipes laid for new Biology exterior	Ruddy A.P&PM	Walton	10-155-1 & 10-156-1
10-11	Tank for proportional counting X-ray spectromer	Rubinson Chem.	Walton	10-157-1 thru 10-159-1
10-11	Magnetic field with source in place for proportional counting	Rubinson Chem.	Walton	10-160-1
10-16	Copy of Drawing	Anderson Chem.	Simack	10-161-1
10-16	Copy of graph with German text	Goldhaber Physics	Simack	10-162-1
10-16	Graph - Empirical K/L ratios for magnetic and electric transitions	Goldhaber Physics	Simack	10-163-1
10-16	Comparison of theoretical $(K/L_1)(\frac{K}{L_1}$ and experimental 2 graphs	Mihelich Physics	Simack	10-164-1 & 10-165-1
10-16	L Sub-shell Conversion for magnetic transitions	Mihelich Physics	Simack	10-166-1
10-16	Conversion electron spectrum	Mihelich Physics	Simack	10-167-1
10-17	Graphs for Slides	Nims Biology	Bull	10-168-1 & 10-169-1
10-17	Graph for Slide	Goldhaber Physics	Bull	10-170-1
10-17	Graph for Slide - Cyclotron drawing	Thorndike Physics	Bull	10-171-1
10-17	Graphs for Slides	Sailor Reactor	Bull	10-172-1 thru 10-180-1
10-17	Graphs	Bernstein Electronics	Bull	10-181-1 thru 10-188-1

Date	Caption	Dept.	Photographer	Number
10-17	Oscilliscope pulses (copy)	derMateo. Physics	Lasky	10-189-1
10-17	Graphs for Slides	Sussman Biology	Simack	10-190-1 thru 10-198-1
10-17	Reproductions from 35mm Kodachromes	Godwin Medical	Smith	10-199-1 & 10-200-1
10-17	PM of Tra. root tip - (Slide#1DF)	Moses Biology	Smith	10-201-1
10-17	PM of root tip (trad)(Slide #1AF)	Moses Biology	Smith	10-202-1
10-17	PM of root tip (trad)(Slide#1AM6)	Moses Biology	Smith	10-203-1
10-17	PM of root tip (trad)(Slide #1DMG)	Moses Biology	Smith	10-204-1
10-17	Copy of Fray	Godwin Pathology	Smith	10-205-1 & 10-206-1
10-17	Transplant of tissue in eye of mouse	Stoner Bact.	Smith	10-207-1
10-18	Graph for Slide	Goldhaber Physics	Maile	10-208-1
		Moses Biology		10-209-1 thru 10-216-1
	Composite of negs. 10-192-1,10-190-1 10-193-1 and 10-191-1			10-217-1
10-17	Series of negs on balloon photos-Chase	Higinbotham Electronics	Garfield	10-218-1 thru 10-224-1
10-19	Graphs for Slides	Moses Biology	Maile	10-225-1 & 10-226-1
10-19	Graphs for Slides	Goldhaber Physics	Maile	10-227-1 thru 10-230-1
10-19	Graphs for Slides	Goldhaber Physics	Bull	10-231-1 thru 10-233-1

Date	Caption	Dept.	Photographer	Number
10-16	Biology building progress	Lancaster AEC	Walton	10-234-1 thru 10-239-1
10-21	Graph	Mihelich Physics	Bull	10-240-1
10-19	Graphs	Allen Chemistry	Bull	10-241-1 thru 10-243-1
10-22	Graphs for Slides	Snow Physics	Bull	10-244-1 thru 10-251-1
10-22	L Shell Intensities for Electric Transitions - Graph	Mihelich Physics	Maile	10-252-1
10-23	Chart of Indium Total Cross-section vs energy	Sailor Reactor	Bull	10-253-1
10-21	Construction program in South Gate Bridge	Jekes AP&PM	Walton	10-254-1
10-23	2 Copies of Conversion Electron Spectrum	Mihelich. Physics	Bull	10-255-1 & 10-256-1
10-23	Graph. Sr^{85m} ray Scintillation Spectrum 1^{cm}, cube NaI(71)	Sunyar Physics	Bull	10-257-1
10-23	Graph. Sr^{85m} Internal Conversion Lines	Sunyar Physics	Bull	10-258-1
10-24	Fig. I. A low-power photograph of a section autoradiograph of 2 D-repleta larvae, which have ingested Ba^{140}	Bowen Biology	Maile	10-259-1
10-24	Copies of Chart composites of PM of cross section of fly	Bowen Biology	Maile	10-260-1 & 10-261-1
10-24	Graph. Radioactive Decay of Drosophila Repleta Larvae after feeding on borium Lanthanum food	Bowen Biology	Maile	10-262-1
10-23	Copy of Schematic Representation of theolfactory system	Godwin Pathology	Maile	10-263-1
10-19	Detection in ionization chamger - part of equipment on six by six truck	Higinbotham Electronics	Walton	10-264-1
10-19	General view of six by six showing generator on front bumper	Higinbotham Electronics	Walton	10-265-1

Date	Caption	Dept.	Photographer	Number
10-19	Rear view of six by six showing equipment in place	Higinbotham Electronics	Walton	10-266-1
10-19	Rear 3/4 view of six by six showing equipment in place	Higinbotham Electronics	Walton	10-267-1
10-24	Graphs for slides	Kraushaar Physics	Maile	10-268-1 thru 10-273-1
10-17	Overall view of ferrite transformer - exploded view	Plotkin Cosmotron	Walton	10-274-1
10-17	General view of one side of ferrite transformer	Plotkin Cosmotron	Walton	10-275-1
10-17	General view of one section of ferrite transformer	Plotkin Cosmotron	Walton-	10-276-1
10-17	End view of ferrite section	Plotkin Cosmotron	Walton	10-277-1
10-16	Lawn around Pile building	Hunter Gr.Maint.	Walton	10-278-1 thru 10-282-1
10-19	Over-all view of assembled Pie-Plate	Higinbotham Electronics	Walton	10-283-1 & 10-284-1
10-19	Exploded view of pie plate transmitter	Higinbotham Electronics	Walton	10-285-1
10-24	Drawing Fig. 1	Shutt Physics	Maile	10-286-1
10-17	PM of Radio-Autograph section	Bowen Biology	Smith	10-287-1 thru 10-295-1
10-17	Oscilliscope Pulses	derMateosian Physics	Bull	10-296-1
10-25	Graphs for Slides	Snover Physics	Maile	10-297-1 thru 10-299-1
10-26	Graph - Sulphide Metal	Bainbridge Physics	Simack	10-300-1
10-21	Construction on bridge at South Gate Road	Jukes A & E	Garfield	10-301-1 & 10-302-1

Date	Caption	Dept.	Photographer	Number
10-22	PM of Cancer Tissue	Godwin Pathology	Smith	10-303-1 thru 10-324-1
10-29	Copies from "Radioisotopes" Original Illustrations very poor	Williams Reactor	Bull	10-325-1 thru 10-329-1
10-22	PM of Cancer Tissue	Godwin Pathology	Smith	10-330-1
10-26	Copies of X-Ray	Godwin Pathology	Smith	10-331-1 & 10-332-1
10-24	Periscope from "hot cell" door	Johnson Hot Lab	Walton	10-333-1 thru 10-339-1
10-29	X-Ray Film (2 copies)	Anderson Chemistry	Maile	10-340-1 & 10-341-1
10-31	Graphs for Slides	Goldhaber Physics	Simack	10-342-1 thru 10-346-1
10-31	Effect of Time on Food	Bowen Biology	Simack	10-347-1
	Loss of Cu^{64} on Plain Food	Bowen Biology	Simack	10-348-1
10-31	Uptake of Cu by Drosophile Lornae	Bowen Biology	Simack	10-349-1 & 10-350-1
10-31	Cu^{64} Uptake by Drosophila from Radio-active Yeast Suspension	Bowen Biology	Simack	10-351-1
10-31	Cu Uptake by Drosophila Larvae	Bowen Biology	Simack	10-352-1
10-31	Graphs	Allen Chemistry	Maile	10-353-1 thru 10-359-1
10-31	Copy of Dr. Bainbridge's Slide	Goldhaber Physics	Maile	10-360-1
	Copy of a Conversion B rays in Single 1.2 Mev Coincidence 1.1 Mev	Goldhaber Physics	Maile	10-361-1

Date	Caption	Dept.	Photographer	Number
10-31	Possible Spins & Parities for Odd Nucleons of Co^{60} and Lu^{176} Nuclei under the Assumption of Strong Spin - Orbit Coupling in Conbination with Nordheims Rule	Goldhaber Physics	Maile	10-362-1

November

Date	Caption	Dept.	Photographer	Number
11-2	Cu^{64} in dissected larvae Drosophila Repleta	Bowen Biology	Maile	11-1-1
11-2	Fig. 7 Hexakinase Graph	Gibbs Biology	Maile	11-2-1
11-2	Fig. 5 Glucose - 6 - Phosphate Dehydragenase	Gibbs Biology	Maile	11-3-1
11-2	Fig. 3 Ethanal Dehydragenase	Gibbs Biology	Maile	11-4-1
11-2	Fig. 2 Lactic Dehydragenase	Gibbs Biology	Maile	11-5-1
11-2	Fig. 1 Glycerafdehyde - 3 - Phosphate Dehydragenase	Gibbs Biology	Maile	11-6-1
11-2	Glucose Fermentation by L mesenteraides	Gibbs Biology	Maile	11-7-1
11-2	Assay for Aldokase and Isomerase in cell - free extracts	Gibbs Biology	Maile	11-8-1
11-2	Graph for Slide	Gibbs Biology	Maile	11-9-1
11-2	2 Graphs copied from Offset Page	Gibbs Biology	Maile	11-10-1 & 11-11-1
10-25	Water Storage Tank	Burt Cosmotron	Walton	11-12-1
10-25	Water softening device for "magnets" cooling system	Burt Cosmotron	Walton	11-13-1
10-25	Pumps for water cooling system on magnet	Burt Cosmotron	Walton	11-14-1
10-25	Condensors and pumps for water cooling system	Burt Cosmotron	Walton	11-15-1
10-30	Power supply for Baby Cosmotron	Cottingham Cosmotron	Walton	11-16-1
10-29	Biology building progress	Lancaster AP&PM	Walton	11-17-1 thru 11-23-1
11-1	Graphs	VanReen Biology	Maile	11-24-1 thru 11-27-1

Date	Caption	Dept.	Photographer	Number
11-5	Drawing of Pile Equipment	Hughes Physics	Maile	11-28-1
11-5	Graphs for Slides	Cohen Physics	Maile	11-29-1 thru 11-32-1
11-5	Composite pictures of airbrush work	Wheeler Cyclotron	Maile	11-33-1
11-6	PM of Cancer Tissue	Godwin Medical	Smith	11-34-1 thru 11-44-1
11-6	Tobacco Plants	Chris Biology	Smith	11-45-1
11-6	PM of Nerve Tissue	Goldring Biology	Smith	11-46-1 thru 11-48-1
11-6	Stripped Hamster Actual Size	Yirgnanean Biology	Walton	11-49-1
11-1	Rectifier for Motor Generator showing leaks in cooling coil	Desmond Cosmotron	Walton	11-50-1 thru 11-53-1
11-1	General view of east face of Pile Complex	Hughes Reactor	Garfield & Walton	11-54-1
11-1	General view of east face of Pile Comples - showing neutron counter	Hughes Reactor	Garfield & Walton	11-55-1
11-1	Don Hughes at neutron reflector - east face of Pile complex	Hughes Physics	Garfield & Walton	11-56-1
11-1	Don Hughes adjusting mirror on neutron counting device	Hughes Physics	Garfield & Walton	11-57-1
11-1	Part of neutron counting experiment - shield	Hughes Physics	Garfield & Walton	11-58-1
11-1	General view of neutron reflector	Hughes Physics	Garfield & Walton	11-59-1
11-5	Copy of X - Ray Film	Anderson Chemistry	Maile	11-60-1 & 11-61-1
11-6	"Baby" cyclotron - general view	Lasky Cosmotron	Walton	11-62-1

Date	Caption	Dept.	Photographer	Number
11-6	"BABY" cyclotron - front view	Lasky Cosmotron	Walton	11-63-1
11-6	Clinical Photos of a tumor on the head of a Mrs. Holloway	Farr Medical	Walton	11-64-1
11-7	Close-up of buds on newly rooted stems	Chris Biology	Walton	11-65-1 thru 11-71-1
11-12	Intestinal tract of Larval Drosophila Slide	Bowen Biology	Simack	11-72-1
10-31	Smoke run of 3 smoke device - From ground and tower 11-73-1 thru	Smith Meteor.	Garfield	11-73-1 thru 11-79-1
11-12	Relative Energy Absorption of Beta Radiation	Manowitz Reactor	Lasky	11-80-1
11-12	Relative Energy Absorption of Gamma Radiation	Manowitz Reactor	Lasky	11-81-1
11-12	Fission Yield (% of original uranium undergoing fission)	Manowitz Reactor	Lasky	11-82-1
11-12	Radiation Power	Manowitz Reactor	Lasky	11-83-1
11-12	Doses of cathode rays lethal to bacteria, molds, and posts	Manowitz Reactor	Lasky	11-84-1
11-12	Effect of Radiation intensity on Styrene Polymerization in the range of 0-40% Conversion	Manowitz Reactor	Lasky	11-85-1 & 11-86-1
11-12	Polymerization of Styrene by Gamma Irradiation for Intensities from 2300 to 5400 Roentgens/min.	Manowitz Reactor	Lasky	11-87-1
11-12	Radiation Power	Manowitz Reactor	Lasky	11-88-1
11-13	Insignia - Standards Central Shops	Zigrosser Design Gr.	Maile	11-89-1
11-1	Laying pipe at site of new Bio. Bldg.	Jukes AP & PM	Walton	11-90-1 thru 11-94-1
11-7	Macro Photo of Adrenal glands of Nephrosis victim	Godwin Pathology	Smith	11-95-1

Date	Caption	Dept.	Photographer	Number
11-7	Copy from 35mm Kodachrome	Godwin Pathology	Smith	11-96-1 thru 11-98-1
11-7	PM of Cancer Cells	Godwin Pathology	Smith	11-99-1 thru 11-113-1
11-6	Getting set to pull a can containing a food product, from the source pig	Manowitz Reactor	Walton	11-114-1
11-6	S. Bellance shown attaching can to carrier	Manowitz Reactor	Walton	11-115-1
11-6	Lifting a can from the pig - Radiation products experiment	Manowitz Reactor	Walton	11-116-1
11-14	Circuit diagram for Higinbotham	Constant Electronics	Simack	11-117-1
11-14	Copy of X-Ray film	Ruby & Anderson Chemistry	Maile	11-118-1 & 11-119-1
11-14	Pilot Plant Gamma Irradiation	Manowitz Harrigan Reactor	Maile	11-120-1
11-14	Machine parts for mass spectrometer	Tuthill Physics	Smith	11-121-1 thru 11-123-1
11-1	Smoke run from tower	Smith Meteor	Garfield	11-124-1
	Black Box 3	Garfield	Garfield	11-125-1
11-19	Meteorology Vanes	Mazzarella Meteor	Mazzarella	11-126-1 & 11-127-1
11-19	PM of Tradescantia Chromosomes 1000X	Mikaelson Biology	Smith	11-128-1 thru 11-132-1
11-12	Biology building program	Lancaster AEC	Walton	11-133-1 thru 11-135-1
	Composite Drawing Probe and Source	Whalen	Maile	11-136-1
11-16	Relationship between the expected and observed number of Supernumerary Chromosomes in Microspores	Sparrow Biology	Bull	11-137-1

Date	Caption	Dept.	Photographer	Number
11-16	The effect of growth in increasing concentrations of P^{32} on the occurance of streptomycin resistant cells in cullures of E. Coli (B&R)	Rubin Biology	Maile	11-138-1
11-12	Radiation sign on fence surrounding "GAmma field"	Singleton Biology	Walton	11-139-1
11-23	Copies of X-Ray Film	Ruby Chemistry	Maile	11-140-1 thru 11-145-1
11-26		Singleton Biology	Simack	11-146-1
11-26	Oscilloscope Traces from rays	Goldhaber Physics	Simack	11-147-1
11-26	Three graphs	Hughes Physics	Simack	11-148-1 thru 11-151-1
11-26	Four negs. on Nucleolar Chromosomes	Yerganian Biology	Simack	11-152-1 thru 11-155-1
11-21	Multisphere on roof of Cosmotron	Burt Cosmotron	Walton	11-156-1
11-21	Pump room and storage tanks for magnet cooling	Burt Cosmotron	Walton	11-157-1
11-21	Heat exchangers on roof of Cosmotron	Burt Cosmotron	Walton	11-158-1
11-21	Control panel and console for pumping system	Burt Cosmotron	Walton	11-159-1
11-21	Water softening tanks and storage	Burt Cosmotron	Walton	11-160-1
11-27	Marvin Fox and Reporter from UP at West face of Pile	Burt PRO	Smith	11-161-1 & 11-162-1
~~XXXXXX~~	~~XXXXXXXXXXXXXXXXXXXXXXX~~	~~XXXXXX XXXXXXXXX~~	~~XXXXXXXXX~~	
11-27	Selection of rules and designation of gamma radiation	Kraushaar Physics	Simack	11-163-1
11-19	R I Transformers Series —	Plotkin Cosmotron	Garfield	11-164-1 thru 11-170-1

Date	Caption	Dept.	Photographer	Number
11-29	Distribution of PVP in a mouse 8 days after I.V. injection	Steele Bio-Med.	Simack	11-171-1
11-29	Recovery of PVP injected into Mice	Steele Bio-Med.	Simack	11-172-1
11-29	Excretion of PVP by Mice	Steele Bio-Med.	Simack	11-173-1
11-29	Retention of PVP by Mice	Steele Bio-Med.	Simack	11-174-1
11-28	Part of console section for Cosmotron	Blewett Cosmotron	Walton	11-175-1 & 11-176-1
	DECLASSIFIED NEGATIVES	BNL LOG		
10-22-48	Aerial of pile being constructed	P-276	Walton	11-177-1
10-22-48	Pile P. Inside top piece of Pile Proper	P-409	Walton	11-178-1
11-17-48	Pile Progress	P-424	Walton	11-179-1
11-22-48	Pile Progress. Control Rod Liner and Expansion Joint	P-441	Walton	11-180-1
1-17-49	Pile Progress - End of Gap West Side North half	P-491	Walton	11-181-1
		P-712	Walton	11-182-1
8-2-49	Bottom of Gap - Showing Grillage Beams 2 Bed Plates and start of Graphite Structure	P-713	Walton	11-183-1
	Enlarge hole - North face - for new Pile Moving Mechanism East Side	P-882	Walton	11-184-1
	Enlarged hole - North face for new Pile Moving Mechanism West Side	P-883	Walton	11-185-1
3-29-50	Cutting out steel shielding around hose plate drive rod. North Side	P-884	Walton	11-186-1
3-29-50	Cutting out steel shielding around hose plate drive rod. North Side	P-885	Walton	11-187-1
	No description	P-1024		11-188-1
	No description	P-1027		11-189-1
	No description	P-1036		11-190-1

Date	Caption	Dept.	Photographer	Number
11-6	Slide No. A-781-B (1) 367	Biology Sparrow	R.F. Smith	11-192-1
11-6	Slide No. A-781-B (2) 368	Sparrow	R.F. Smith	11-193-1
11-6	Slide No. A-842-N (3) 366	Sparrow	R.F. Smith	11-194-1
11-6	Slide No. A-842-N (1) 364	Sparrow	R.F. Smith	11-195-1
11-6	Slide No. A-842-N (2) 365	Sparrow	R.F. Smith	11-196-1
11-6	Slide No. A-4063-D 372	Sparrow	R.F. Smith	11-197-1
11-6	Slide No. A-4064-I 351	Sparrow	R.F. Smith	11-198-1
11-6	Slide No. A-4063-D 350	Sparrow	R.F. Smith	11-199-1
11-6	Slide No. A-4067-T (4) 362	Sparrow	R.F. Smith	11-200-1
11-6	Slide No. A-4067-T (2) 360	Sparrow	R.F. Smith	11-201-1
11-6	Slide No. A-4067-T (1) 359	Sparrow	R.F. Smith	11-202-1
11-6	Slide No. A-4067-T (5) 363	Sparrow	R.F. Smith	11-203-1
11-6	Slide No. A-4067-T (3) 361	Sparrow	R.F. Smith	11-204-1
11-6	Slide No. A-56-F (1) 370	Sparrow	R.F. Smith	11-205-1
11-6	Slide No. A-56-F (3) 369	Sparrow	R.F. Smith	11-206-1
11-6	Slide No. A-56-F (2) 371	Sparrow	R.F. Smith	11-207-1
11-6	Slide No. A-74B (40) 353	Sparrow	R.F. Smith	11-208-1
11-6	Slide No. A-74-B (3) 354	Sparrow	R.F. Smith	11-209-1
11-6	Slide No. A-74-B (2) 353	Sparrow	R.F. Smith	11-210-1
11-6	Slide No. A-74-B (4B) 356	Sparrow	R.F. Smith	11-211-1
11-6	Slide No. A-74-B (4C) 357	Sparrow	R.F. Smith	11-212-1
11-6	Slide No. A-74-B (1) 352	Sparrow	R.F. Smith	11-213-1
11-6	Slide No. A-74-B (4)A 355	Sparrow	R.F. Smith	11-214-1

December

Date	Caption	Dept.	Photographer	Number
11-30	Schematic Two Channel Discriminator	Kraushaar Physics	Fuka	12-1-1
11-30	Schematic Fig. 4.3 1500V D.C. Supply	Kraushaar Physics	Fuka	12-2-1
11-30	Yields of U^{235} fission product chains as a function of mass		Fuka	12-3-1
11-30	Copy of a line drawing from Sweden	Hughes Physics	Fuka	12-4-1
11-30	Fig. 1 & 2 - View of particles intersected by X_o & Yo	Tietel Reactor	Fuka	12-5-1
	DECLASSIFIED NEGATIVES	BNL NO.		
10-25-49	Pile Interior-Looking down on charging face of pile	P-826	Walton	12-6-1
10-14-49	West side of Pile showing balconies of Control rod structure	P-823	Walton	12-7-1
10-25-49	Pile Interior - South face of Pile	P-832	Walton	12-8-1
10-25-49	Pile Interior-Pneumatic tube system on north face of Pile	P-828	Walton	12-9-1
	View of the Pile Site showing Ducts-Color	P-159	Walton	12-10-1
	No description	P-176	Walton	12-11-1
1-7-48	Blanket of snow covers Pile Construction. Taken facing West	P0226	Walton	12-12-1
12-31-47	Pile progress taken from the East	P-227	Walton	12-13-1
10-14-48	Overall shot of Pile Proper Interior of Pile Building (SE)	P-400	Walton	12-14-1
10-6-48	Pile Interior (looking NE)	P-391	Smith	12-15-1
5-3-49	1st section of instrument recording panel	P-553	Walton	12-16-1
5-3-49	2d section of instrument recording panel	P-554	Walton	12-17-1
5-3-49	Console-Control desk for Pile	P-555	Walton	12-18-1
12-3	Copy of a Transparency (C125)	Sparrow Biology	Bull	12-19-1

Date	Caption	Dept.	Photographer	Number
12-3	Calculated Energy Loss Halpern - Hall Theory	Hofstadder Visitor	Bull	12-20-1
11-30	P.M.s of nerve tissue	Goldring Biology	Smith	12-21-1 thru 12-28-1
11-30	P.M.s of Cancer Cells	Godwin Pathology	Smith	12-29-1 thru 12-65-1
12-3	Smoke Run shots - Film Pack	Bohnhorst Meteor.	Bohnhorst	12-66-1 thru 12-76-1
	DECLASSIFIED NEGATIVES	BNL NO.		
	Early Pile Construction Series	P-114	Walton	12-77-1
	" " " "	P-109	Walton	12-78-1
	" " " "	P-92	Walton	12-79-1
	" " " "	P-111	Walton	12-80-1
	" " " "	P-110	Walton	12-81-1
	" " " "	P-122	Walton	12-82-1
12-1-47	" " " "	P-113	Walton	12-83-1
"	" " " "	P-112	Walton	12-84-1
	" " " "	P-108	Walton	12-85-1
"	" " " "	P-102	Walton	12-86-1
	" " " "	P-94	Walton	12-87-1
	" " " "	P-96	Walton	12-88-1
"	" " " "	P-93	Walton	12-89-1
12-15-47	Showing cranes in operation	P-97	Walton	12-90-1
12-15-47	" " " "	P-98	Walton	12-91-1
12-15-47	Taken from SE for Ferguson Co.	P-99	Walton	12-92-1
12-15-47	" " " " " "	P-241	Walton	12-93-1
12-15-47	" " " " " "	P-100	Walton	12-94-1
12-15-47	" " " " " "	P-101	Walton	12-95-1

Date	Caption	Dept.	Photographer	Number
5-4-48	View of rampway's leading from Pile Ducts	P-173	Walton	12-96-1
12-31-47	Pile Progress	P-105	Walton	12-97-1
12-31-47	Pile Progress	P-104	Walton	12-98-1
12-31-47	Pile Progress	P-106	Walton	12-99-1
5-4-48	Pile Progress	P-170	Walton	12-100-1
12-31-47	Pile Progress	P-107	Walton	12-101-1
2-16-48	Pile Progress	P-115	Walton	12-102-1
2-16-48	Pile Progress	P-117	Walton	12-103-1
2-16-48	Pile Progress	P-116	Walton	12-104-1
2-16-48	Pile Progress	P-118-	Walton	12-105-1
2-16-48	Pile Progress	P-119	Walton	12-106-1
3-11-48	Pile Progress	P-120	Walton	12-107-1
3-11-48	Pile Progress	P-121	Walton	12-108-1
3-17-48	Pile Progress	P-85	Walton	12-109-1
3-24-48	Pile Progress	P-55	Walton	12-110-1
4-15-48	Pile Progress	P-166	Walton	12-111-1
4-15-48	Pile Progress	P-165	Walton	12-112-1
4-5-48	Pile Progress	P-164	Walton	12-113-1
4-22-48	Pile Progress	P-169	Walton	12-114-1
4-30-48	Pile Progress	P-174	Walton	12-115-1
4-30-48	Pile Progress	P-175	Walton	12-116-1
4-30-48	Pile Progress	P-171	Walton	12-117-1
~~5-4-48~~	~~Pile Progress View of exposed interior base layout of pile as seen from top of Pile Building~~	~~P-168~~	~~Walton~~	~~12-~~
11-24	Biology Building Progress	Lancaster AEC	Walton	12-118-1 thru 12-139-1
11-25	Coil for "Baby" Cyclotron	Lasky Cosmotron	Walton	12-140-1 &

Date	Caption	Dept.	Photographer	Number
11-25	Tech working in "Baby" Cyclotron	Lasky Cosmotron	Walton	12-142-1
11-27	Overall view of Cosmotron vault, showing coil in position to be set in gap.	Mede Cosmotron	Walton	12-143-1
11-27	End view of Cosmotron's quadrant showing wiring in place around vacuum chamber	Mede Cosmotron	Walton	12-144-1
11-27	Coil ready to be set into gap of cosmotron	Mede Cosmotron	Walton	12-145-1
11-29	General view showing the radiation of newly started roots-pig containing cobalt source is in foreground	Michaelson Biology	Walton	12-146-1
11-29	Close-up of equipment used in root starting	Michaelson Biology	Walton	12-147-1
11-29	General view of set-up for radiating newly started roots-pig containing source in background	Michaelson Biology	Walton	12-148-1
11-28	Kalanchoe plants	German Biology	Walton	12-149-1 & 12-150-1
11-28	Kalanchoe Plants 2 meters	German Biology	Walton	12-151-1
11-28	Kalanchoe Plants 1 meter	German Biology	Walton	12-152-1
11-28	Kalanchoe Plants $\frac{1}{2}$ meter	German Biology	Walton	12-153-1
11-27	Chassie	Cottingham Cosmotron	Walton	12-154-1 thru 12-176-1
11-28	General view of men pouring a new coil	Mede Cosmotron	Walton	12-177-1
11-28	Looking thru window at coil - showing resin starting to flow into glass insulation	Mede Cosmotron	Walton	12-178-1
11-28	Combining coloring and resin before pouring into form	Mede Cosmotron	Walton	12-179-1
11-28	Mixing components for resin	Mede Cosmotron	Walton	12-180-1

Date	Caption	Dept.	Photographer	Number
11-28	Pouring resin into form for the coil	Mede Cosmotron	Walton	12-181-1
12-3	Newly poured coil in table	Mede Cosmotron	Walton	12-182-1
12-3	Stripping form after coil has been poured	Mede Cosmotron	Walton	12-183-1
12-4	Oscilloscope Photographs	Bernstein Electronics	Fuka & Maile	12-184-1 thru 12-186-1
12-4	Graph Counting rate-Distance Cs^{137}	Bernstein Electronics	Maile	12-187-1
12-4	Oscilloscope face seen thru gray-wedge	Bernstein Electronics	Maile	12-188-1
12-4	Interpretation of mixed sources counting rate - distance (energy)	Bernstein Electronics	Fuka	12-189-1
12-4	Graph - Ce^{141} Counting rate - distance (Energy)	Bernstein Electronics	Fuka	12-190-1
12-4	Graph - Exposure time - wedge number	Bernstein Electronics	Maile	12-191-1
12-5	Sampling Vessel - Reaction Vessel Graph	Orlowski TID	Herbert	12-192-1 & 12-193-1
12-5		Ruby Chemistry	Simack	12-194-1 & 12-195-1
		Harrigan Not Lab	Smith	12-196-1 thru 12-198-1
12-5	Graphs for Slides	Cohen Physics	Maile	12-199-1 thru 12-202-1
12-5	Salinary Glands	Godwin Pathology	Maile	12-203-1 thru 12-206-1
	DECLASSIFIED NEGATIVES	BNL NO.		
5-4-48	Pile Progress-View of exposed interior base layout of pile as seen from top of Pile Building	P-168	Walton	12-207-1
5-6-48	Pile Progress-Secondary exhaust			

Date	Caption	Dept.	Photographer	Number
5-6-48	Overall shot of Pile building base showing layout of secondary duct system etc. taken from top of Pile	P-224	Walton	12-209-1
5-27-48	Construction of matte for the Pile's air exhaust ducts - this particular section runs directly out from the pile and bends to the east towards the stack	P-255	Walton	12-210-1
6-2-48	Pile Progress-(Facing NW) General view of progress on Pile building	P-256	Walton	12-211-1
6-2-48	Pile Progress (Facing NW) on Pile Building	P-257	Walton	12-212-1
	Pile Progress-Main Exit Air Ducts - Looking north	P-253	Walton	12-213-1
	Pile Progress-Main Exit Air Ducts - Looking NW	P-254	Walton	12-214-1
7-2-48	Pile Progress-Overall of Pile bldg - showing bed for exhaust ducts-facingNE	P-258	Walton	12-215-1
7-2-48	Pile Progress-Overall view of Pile building-facing north	P-259	Walton	12-216-1
7-2-48	Pile Progress-Overall view of Pile building-facing northwest	P-260	Walton	12-217-1
7-19-48	Pile Progress-Crane is shown putting in a section of duct work on south side of building.	P-261	Walton	12-218-1
7-15-48	Pile Progress-Overall of Pile building facing NE	P-262	Walton	12-219-1
7-15-48	Pile Progress-Overall shot of pile building, facing North	P-263	Walton	12-220-1
7-27-48	Pile Progress-Overall view of interior of south wall shielding of the Pile Proper - facing SW	P-265	Walton	12-221-1
7-27-48	Pile Progress-Cross section view of shielding on south wall of Pile Proper	P-271	Walton	12-222-1
7-27-48	Pile Progress-Overall view of Pile Proper shielding in foreground, is part of the south wall.	P-272	Walton	12-223-1
7-28-48	Pile Progress-Section of shielding being set into place on the north face of Pile Proper	P-268	Walton	12-224-1

Date	Caption	Dept.	Photographer	Number
7-28-48	Pile Progress-Inside of south wall on the Pile proper	P-269	Walton	12-225-1
7-28-48	Pile Progress-SE corner (interior of the Pile proper, showing the shield joining the crater.	P-270	Walton	12-226-1
7-28-48	Pile Progress-Inside of shielding on the north side of the Pile proper (ready to pour concrete)	P-273	Walton	12-227-1
8-9-48	Pile Progress-Overall view of south face of Pile building - showing concrete matte in foreground for duct work	P-288	Walton	12-228-1
8-9-48	Pile Progress-Interior NW corner of Pile - note duct in relation to bed plate	P-282	Walton	12-229-1
8-6-48	Pile Progress-Inside of north wall of pile proper - first row in place	P-286	Walton	12-230-1
8-10-48	Pile Progress-Looking into east exhaust duct from ramp	P-284	Walton	(A8-30-0) 12-231-1
8-10-48	Pile Progress-Special form used in pouring concrete into shielding (south face fins) on bottom of receiver are to conduct concrete through pipes to bottom of shield.	P-281	Walton	12-232-1
8-10-48	Pile Progress-Exhaust duct system on south side of pile bldg - workmen on right, are working on secondary duct.	P-289	Walton	12-233-1
8-10-48	Pile Progress-Looking down into shielding note concrete is about half-way up - north wall	P-285	Walton	12-234-1
8-11-48	Pile Progress-NE corner of pile wall first level - showing freshly poured concrete in place.	P-283	Walton	12-235-1
8-18-48	Pile Progress-Looking down on shield note small gap between tubes & channel	P-297	Walton	12-236-1
8-12-48	Pile Progress-Cross section of tubes on south face	P-294	Walton	12-237-1
8-18-48	Pile Progress-Looking down on tubes - showing small gap between tubes & channels	P-300	Walton	12-238-1

Date	Caption	Dept.	Photographer	Number
8-16-48	Pile Progress-East face(interior) of Pile proper	P-296	Walton	12-239-1
8-16-48	Pile Progress-A section of north face of shielding being lowered into place	P-304	Walton	12-240-1
8-18-48	Pile Progress-Exterior of north wall of pile proper-showing small clearance between tubes & channel	P-305	Walton	12-241-1
8-17-48	Pile Progress-Exterior of north face of pile proper showing tubes in relation to channel	P-303	Walton	12-242-1
8-18-48	Pile Progress-Looking down inside ~~XX~~ shielding-showing key-way in concrete	P-302	Walton	12-243-1
8-16-48	Pile Progress-North west corner of Pile shield	P-299	Walton	12-244-1
12-5	Graphs for Slides			12-245-1 thru 12-252-1
12-7	Calcium vs Magnesium	deLaguna Geology	Simack	12-253-1
12-7	Calcium - Parts per Million	deLaguna Geology	Simack	12-254-1
12-7	Magnesium - Parts per Million	deLaguna Geology	Simack	12-255-1
12-7	Percent Silica in Dissolved Solids	deLaguna Geology	Simack	12-256-1
12-7	Total dissolved solids parts per million	deLaguna Geology	Simack	12-257-1
12-7	Percent Nitrate in Dissolved Solids	deLaguna Geology	Simack	12-258-1
12-7	Radium-Grams for Liter $X10^{-12}$	deLaguna Geology	Simack	12-259-1
12-7	Sodium vs Chloride	deLaguna Geology	Simack	12-260-1
12-7	Silica Parts per Million	deLaguna Geology	Simack	12-261-1
12-7	Percent Chloride in Dissolved Solids	deLaguna Geology	Simack	12-262-1

Date	Caption	Dept.	Photographer	Number
12-7	Nitrate-Parts per Mission	deLaguna Geology	Simack	12-263-1
12-7	Radium-Grams per Liter $X10^{-12}$	deLaguna Geology	Simack	12-264-1
12-7	Chloride-Parts per Million	deLaguna Geology	Simack	12-265-1
12-7	Sodium vs Calcium Parts per Million	DeLaguna Geology	Simack	12-266-1
12-7	Specific Conductance vs total Dissolved Solids	deLaguna Geology	Simack	12-267-1
12-7	Graph	deLaguna Geology	Simack	12-268-1
12-7	Cross-section of well & 9 observation wells - graph	deLaguna Geology	Simack	12-269-1
12-7	Results of drainage tests on cylinders of sand - graph	deLaguna Geology	Simack	12-270-1
12-7	Graphs on pumping time in min. & hours	deLaguna Geology	Simack	12-271-1 thru 12-279-1
12-7	Pig assembly for holding radiation source & irradiating samples	Harrigan Hot Lab	Fuka	12-280-1
12-7	Graph - Characteristics of significant fission products	Harrigan Hot Lab	Fuka	12-281-1
12-6	Copies for Slide prints Fig.1,2,3,&4	Yerganian Biology	Simack	12-282-1
12-6	Copies for Slide prints Fig. thru 6	Yerganian Biology	Simack	12-283-1
12-6	Copies for prints, Fig.1,2,3, &4	Yerganian Biology	Simack	12-284-1
12-7	Graph	Harrigan Hot Lab	Maile	12-285-1
12-6	B. Orlowski	Burt PRO	Walton	12-286-1
12-6	Blonde in Medical	Burt PRO	Walton	12-287-1
12-7	L. Radiations from Po^{210}; absorption in Se & As	Rubinson Chemistry	Maile	12-288-1

Date	Caption	Dept.	Photographer	Number
12-7	Comparison of the 10.6 kev radiations from Po^{210} mounted on Polystrene, Bl, P6 & Tl_2O_3	Rubinson Chemistry	Maile	12-289-1
12-7	Dr. Anderson in Lab.	Anderson Chemistry	Smith	12-290-1
12-10	Sr^{85m} Internal Conversion Lines Electron Momentum 1.0 = 498 ≠ 1	Sunyar Physics	Maile	12-291-1
12-11		Godwin Pathology	Bull	12-292-1
12-10	Graphs for Slides	Sunyar Physics	Maile	12-293-1 thru 12-295-1
12-11				12-296-1
12-11	Chromosome Copies	Sparrow Biology		12-297-1 & 12-298-1
12-11	Meteorology 620 Shots	Mazzarella Meteor.	Mazzarella	12-299-1 thru 12-305-1
12-11	General Shots	Hunter Gr.Maint.	Hunter	12-306-1 thru 12-312-1
12-7	4 Brain sections from Cancer patients	Godwin Pathology	Smith	12-313-1
12-7	4 Brain sections from Cancer patient	Godwin Pathology	Smith	12-314-1
12-7	Brain Section from Cancer Patient	Godwin Pathology	Smith	12-315-1
12-5	P.M.s of Cancer Cells	Godwin Pathology	Smith	12-316-1 thru 12-330-1
12-7	Gross specimen Heart of Cancer patient showing cancerous condition of organ	Godwin Pathology	Smith	12-331-1
12-7	Chemistry set-up in Load	Anderson Chemistry	Smith	12-332-1
12-7	Dry box in Chemistry Lab	Anderson Chemistry	Smith	12-333-1

Date	Caption	Dept.	Photographer	Number
12-7	Dr. Anderson at dry box in Chemistry Lab.	Anderson Chemistry	Smith	12-334-1
12-7	Tech. at Chemistry apparatus in Dr. Anderson's Lab.	Anderson Chemistry	Smith	12-335-1
12-11	P.M. of Trad Chromosomes 1000X	Mickaelson Biology	Smith	12-336-1 thru 12-339-1
12-11	General shots	Hunter Gr.Maint	Hunter	12-340-1
12-12	Tables for Slides	Hatch Reactor	Simack	12-341-1 thru 12-344-1
12-13	Isotopic Identification of Indium Resonances	Sailor Reactor	Maile	12-345-1 & 12-346-1
12-13	Indium Activation of 54 min In^{116} vs Energy	Sailor Reactor	Maile	12-347-1 & 12-348-1
12-6	Irving Singer - Meteorology	Burt PRO	Walton	12-349-1
12-6	Dr. Welker Chemistry	Burt PRO	Walton	12-350-1
12-6	Wm. Herman - Health Physics	Burt PRO	Walton	12-351-1
	DECLASSIFIED NEGATIVES	BNL LOG.		
8-18-48	Pile Progress-Looking down on shielding on north wall of the Pile. Ruler in photo will give an idea of close tol. between tubes & channels.	P-301	Walton	12-352-1
8-10-48	Pile Progress-Section set in place - 2d level	P-295	Walton	12-353-1
8-16-48	Pile Progress-Interior south face of Pile shield	P-298	Walton	12-354-1
8-11-48	Pile Progress-Aerial views of Pile site	P-275	Walton	12-355-1
8-20-48	Pile Progress-Overall view of south face of Pile building	P-291	Walton	12-356-1

Date	Caption	Dept.	Photographer	Number
8-20-48	Pile Progress-Overall of Pile bldg. facing north	P-292	Walton	12-357-1
8-20-48	Pile Progress-Overall shot of Pile bldg. facing NE	P-293	Walton	12-358-1
12-6	New Biology Building	Jukes AP&PM	Walton	12-359-1 thru 12-364-1
12-12	Chemical Glassware	Anderson Chemistry	Smith	12-365-1 & 12-366-1
12-13	Ultra Violet Absorption Apparatus	Moses Biology	Smith	12-367-1
12-17	Dr. Welker-Chemistry	Burt PRO	Walton	12-368-1
12-17	Drawing for Slide Phosphorus P^{32}	Robertson Medical	Lasky	12-369-1
12-17	Graphs For Slides	Weiss Physics	Fuka	12-370-1 thru 12-374-1
12-18	P.M.s of Foraminiferer 20X	Perlmutter		12-375-1 thru 12-387-1
	Negs 12-375-1 thru 12-387-1 were sent to Perlmutter 6/9/52			
12-1	Medical - children	Burt PRO	Walton	12-388-1 & 12-389-1
12-27	Pyrite 21.26 mg/l	Ruby Chemistry	Maile	12-390-1
12-13	Tobacco plant	Christensen Biology	Walton	12-391-1 & 12-392-1
12-13	Trad. seedlings	Christensen Biology	Walton	12-393-1
12-13	Tobacco plants	Christensen Biology	Walton	12-394-1
12-7	Loading pig onto plane for shipment to Harvard	Burt PRO	Walton	12-395-1
12-27	Tables for Slides	Gurinsky Reactor	Simack	12-396-1 thru 12-400-1

Date	Caption	Dept.	Photographer	Number
12-27	Felter Unit	Manowitz ~~AEC~~ Reactor	Simack	12-401-1
12-27-51	Sketch of Evaporator	Manowitz ~~AEC~~ Reactor	Simack	12-402-1
12-27	Figure 7.8	Kraushaar Physics	Simack	12-403-1
12-27	Figure 7.7	Kraushaar Physics	Simack	12-404-1
12-27	Figure 7.9	Kraushaar Physics	Simack	12-405-1
12-27	Figure 5.2	Kraushaar Physics	Simack	12-406-1
12-27-51	Angular correlation of Ir^{194}	Kraushaar Physics	Simack	12-407-1
12-27	Figure 5.1	Kraushaar Physics	Simack	12-408-1
12-27	Figure 4.4	Kraushaar Physics	Simack	12-409-1
12-27	Counter arrangement	Kraushaar Physics	Simack	12-410-1
12-27	Figure 4.1	Kraushaar Physics	Simack	12-411-1
12-27	Figure 7.6	Kraushaar Physics	Simack	12-412-1
12-27	Figure 7.1	Kraushaar Physics	Simack	12-413-1
12-16	Display of articles made by patients	Miner Medical	Walton	12-414-1
12-23	P.M.s of Cancer Cells Nos. 1, 1A, 2, 2A, 2B, 3, 4, 5, 5A, 5B, 6	Godwin Medical	Smith	12-415-1 thru 12-425-1
12-12	Cancer patient before Pile Boron Exp. (right profile)	Farr Medical	Smith & Walton	12-426-1
12-12	Cancer patient before Pile Boron Exp. (left profile)	Farr Medical	Smith & Walton	12-427-1
12-12	Cancer patient before Pile Boron Exp. (back of head)	Farr Medical	Smith & Walton	12-428-1

Date	Caption	Dept.	Photographer	Number
12-12	Cancer patient before Pile Boron Exp. (top of head)	Farr Medical	Smith & Walton	12-429-1
12-12	Ambulance in Pile bldg. for rapid removal of patient	Farr Medical	Smith & Walton	12-430-1
12-12	Tech. doing EKG during Boron exp.	Farr Medical	Smith & Walton	12-431-1
12-12	Patient being placed in position over hole in top of Pile for Boron exp.	Farr Medical	Smith & Walton	12-432-1
12-12	Dr. Sweet tapping spinal fluid after Boron experiment	Farr Medical	Smith & Walton	12-433-1
12-27	Barley Seedlings	Singleton Biology	Smith & Walton	12-434-1
12-27	Interior of Electron tube for Chem. department	Schaeffer Chemistry	Smith & Walton	12-435-1
12-27	Thermal neutrons 2.Cs^{137} Gamma Rays	Bernstein Electronics	Simack	12-436-1
12-27	Overall response 2 & 3 CollinatedBeams	Bernstein Electronics	Simack	12-437-1
12-27	Neutron curves	Falk Physics	Simack	12-438-1
12-30	P.M.s of metal disc	Bainbridge Physics	Smith	12-439-1 & 12-440-1
12-30	P.M.s of cancer cells	Godwin Medical	Smith	12-441-1 thru 12-453-1
12-13	Geology conference Group	deLaguna Geology	Garfield	12-454-1