January-December 1961

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

January

Date	Caption	Dept.	Photographer	Number
12/28/60	Unit # 8-02-13R (1)	Dr.Lippincott Medical	R. Walton	1-1-61 C1-1-61
12/16/60	PM's of Path (3)	Dr.Innes Biology	R. Smith	C1-2-60 thru C1-19-61
12/28/60	AGS Extension Constr. Progress	D.Brown Stone/Webster	M. Rosen	1-20-61 thru 1- 22-61
12/28/60	80" Bubble Chamber Constr. Progress	D.Brown Stone/Webster	M. Rosen	1-23-61
1/3/60	Graph - H^3 cytidine - uptake by Hela Cells, etc.	Feinendegen Medical	D.Humphrey	1-24-61
	" - Total Tritium distributed between cytosine,uracil and thymine, etc.			1-25-61
12/30/60	Sample holding rack	Dr.Cotzios Medical	R. Walton	1-26-61
1/3/60	Copy of Table - Nuclear Volume Relationships in Gymnosperms	L.Schairer Biology	A. Lasky	1-27-61 thru 1-28-61
1/3/61	Copy of Graph - H.F.B.R. Rod Data	Hendrie Nuc.Eng.	A. Lasky	1-29-61 thru 1-38-61
1/3/61	Graph - a vs minutes	Keating Physics	A. Lasky	1-39-61 thru 1-41-61
	a vs centigrade			1-42-61 thru 1-44-61
	a vs grinding time hours			1-45-61
	a vs roentgens in units of 10^8R			1-46-61
	a vs integrated neutron flux units of 10^{17} NVT			1-47-61
	Schematic Na^+, etc. Data			1-48-61

Date	Caption	Dept.	Photographer	Number
12/30/60	Graph - Book Orig. from "Protein Structure & Function - #13" Page 235, Fig. 2	Dr. Hirs Biology	D. Humphrey	1-49-61
12/30/60	Table II - Page 239 "Protein Structure & Function #13"	Dr. Hirs Biology	D. Humphrey	1-50-61
1/3/61	Graph - Target - Object Distance vs Animal Thickness	Dr.Bond Medical	A. Lasky	1-51-61
1/3/61	Graph - 250 KVP 30 ma Filtration 0.5 mm Cu, 1.0 mm Al	Dr. Bond Medical	A. Lasky	1-52-61
1/3/61	Graph - Optical Density vs Time (Hrs.)	P.Levy	A. Lasky	1-53-61
	" - Log vs ~~TMX~~ Time (hours)	Physics		1-54-61
1/3/61	Schematic Diagrams Mode A, B, etc.	Schroder Physics	A. Lasky	1-55-61
1/3/61	Graph - Counts vs. Channel Number	Schroder	A. Lasky	1-56-61
	Counts vs. Mass Number	Physics		1-57-61
	Counts vs. Energy (Mev)			1-58-61 thru
				1-60-61
1/3/61	Unit # 801-192R	Lippincott Medical	R. Walton	1-61-61 thru
				1-62-61
1/4/61	Graph - Storage Time 54 c. etc.	Ballentine	A. Lasky	1-63-61
	Irradiation Dose at 34 c., etc.	Nuc.Eng.		1-64-61
	Warm-Up Time in Sec.&Intensity			1-65-61
	Decay Rate vs. Total Dose,Etc.			1-66-61
	Intensity vs. Storage Time in	Min.		1-67-61
	a.&b. vs. 100 Gauss			1-68-61
	Relative Signal Amplification			1-69-61
	1/I vs. Storage Time in Hours			1-70-61
	Decay Rate Constant K			1-71-61
	Intensity vs. Storage Time in Hours & in Min.			1-72-61

Date	Caption	Dept.	Photographer	Number
1/4/61	Graph - a. & b. vs. 100 Gauss	Ballentine	A. Lasky	1-73-61
	Intensity vs. Storage Time in Min.	Nuc.Eng.		1-74-61
	a. & b. vs. 100 Gauss			1-75-61
	Transmittance % vs. Frequency			1-76-61
1/4/61	Schematic Graph - hol Trial Ax Data	W.Reams Nuc.Eng.	A. Lasky	1-77-61
1/4/61	Typed Table - DNA Labelling Data	Feinendegen	A. Lasky	1-78-61
	2% PCA, RNA & DNA Data	Medical		1-79-61
	2% PCA, RNA & DNA Data			1-80-61
	Chemically & Autoradio-			
	graphically obtained data			1-81-61
1/3/61	Fire	F.Williams Security	R. Walton	1-82-61 thru
				1-83-61
12/30/60	Rat (1)	Dr. Carsten Health Physics	M. Rosen	1-84-61 thru
				C1-84-61 thru
				1-86-61
				C1-86-61
1/3/61	Portrait	Dr. Beth ADD	M. Rosen	1-87-61
1/5/61	Schematic - Fig. 1 BNL 608	Dr. Hirs	D. Humphrey	1-88-61
	Fig. 2	Biology		1-89-61
	Fig. 3			1-90-61
	Fig. 4			1-91-61
	Fig. 5		A. Lasky	1-92-61
	Fig. 6			1-93-61
	Fig. 7			1-94-61
	Fig. 8a			1-95-61
	Fig. 8b		D. Humphrey	1-96-61
	Fig. 9		A. Lasky	1-97-61
	Fig. 10			1-98-61
	Fig. 11		D. Humphrey	1-99-61
	Fig. 12			1-100-61
	Fig. 13			1-101-61

Date	Caption	Dept.	Photographer	Number
1/5/61	Schematic-Active site data	D. Koshland Biology	A. Lasky	1-102-61
1/4/61	Dog under X-Ray Machine	Dr. Bond Medical	R. Walton	1-103-61
1/4/61	Rats under X-Ray Machine	Dr. Bond Medical	R. Walton	1-104-61
1/6/61	Chart - Difference projection of the unpaired spin density, etc.	Pickart/Ince Physics	A. Lasky	1-105-61
1/6/61	Copy of Photo-Dow Chem. Co. (A)	J. Forrest	A. Lasky	1-106-61
	" (B)	Nuc. Eng.		1-107-61
	" (C)			1-108-61
	" (D)			1-109-61
1/6/61	Phosphate Glass	E. Tuthill Nuc. Eng.	R. Walton	1-110-61
1/6/61	Copy of Medical Floor Plan (Red & Yellow Pencil Lines Added)	S. Fine Medical	A. Lasky	1-111-61
1/9/61	Typed Table - Strontium - 85 Accretion Rate, Etc.	S. H. Cohn Medical	A. Lasky	1-112-61
1/5/61	Corn Leaf (1)	Dr. Mericle Biology	R. Walton	1-113-61 C1-113-61
1/9/61	Copy of Triangular Graph	E. Tuthill Nuc. Eng.	A. Lasky	1-114-61
1/10/61	Table - Chromosome Measurements	Steffensen Biology	A. Lasky	1-115-61 thru 1-116-61
1/10/61	Table - Ratio of Radioactivity	Steffensen Biology	A. Lasky	1-117-61
1/10/61	Graph - (Formula)	S. Ribnikar Chemistry	A. Lasky	1-118-61 thru 1-119-61
1/4/61	Men in radiation suits in Hot Cell	J. Chow Hot Lab	M. Rosen	1-120-61

Date	Caption	Dept.	Photographer	Number
	Curve	M. Beg Physics		1-121-61
1/10/61	Graph - X-Ray & Metacorten Data	Dr. Bond Medical	A. Lasky	1-122-61
	" Incidence of Neoplastic Disease			1-123-61
	" Metacorten Data			1-124-61
	" Myleran Therapy Data			1-125-61
1/3/61	PM Plant Tissue	Dr. Mericle Biology	R.F.Smith	C1-126-61
1/11/61	Graph-Color Removed by each 20min.	P . Levy	A. Lasky	
	Anneal 4.85 ev Band	Physics		1-127-61
	" Color removed by each 20 min.			
	Anneal 5.35 ev band			1-128-61
	" Color removed by each 20 min.			
	Anneal 6.02 ev ~~back~~ band			1-129-61
	" Color removed by each 40 min.			
	Anneal 4.85 ev band			1-130-61
	" Color removed by each 40 min.			
	Anneal 6.02 ev band			1-131-61
	2 Color removed by each 40 min.			
	Anneal 5.35 ev band			1-132-61
	" Color restored, etc.			
	6.02, 5.35 and 4.85 ev			1-133-61
1/11/61	Copy of Schematic	Pickart Physics	A. Lasky	1-134-61 thr
				1-143-61
1/11/61	Copy of Schematic - FeI,Al & FeII,Data	Pickart Physics	A. Lasky	1-144-61 thr
				1-145-61
1/11/61	Copy of Schematic - FeI, FeII & Al Data	Pickart Physics	A. Lasky	1-146-61
1/11/61	Copy of ½ Tone Colored Table	A.Carsten		
	Page 176 "Spectrum" Nov.1960	H.Physics	A. Lasky	1-147-61
1/11/61	Table - Fellowship Statistics	A.Carsten H.Physics	A.Lasky	1-148-61

Date	Caption	Dept.	Photographer	Number
1/11/61	Schematic - Scintillator/Photo-Multiplier Apparatus	Poskanzer Chemistry	A. Lasky	1-149-61
1/12/61	Graph - Palmitate - 1 - C14, etc.	B. Steele Biology	A. Lasky	1-150-61
	" Palmitate - 6 - C14, etc.			1-151-61
	" uEG/ml vs. Minutes			1-152-61
	" uEG/kg/MIN vs. uEG FFA/ml			1-153-61
1/12/61	Graph - Color Removed by each 10 Min. Anneal 6.02 ev Band	P. Levy Physics	A. Lasky	1-154-61
	" Color Removed by each 10 Min. Anneal 5.35 ev Band			1-155-61
	" Color Removed by each 10 Min. Anneal 4.85 ev Band			1-156-61
	" Reactor Induced Absorption Bands in A1203			1-157-61
1/12/61	Bar Graphs - Barium Treated & Untreated Data	R. Conard Medical	A. Lasky	1-158-61
1/9/61	Low Temperature Experiment	V. Sailor Physics	R. Walton	1-159-61 ~~1-59-61~~ thru 1-161-61
1/11/61	Shield	T. Konikowski Medical	R. Walton	1-162-61
1/5/61	Cross-section of seal	H. Courtney Physics	R. Walton	1-163-61 thru 1-164-61
1/5/61	Loop	T. Romano Nuc. Eng.	R. Walton	1-165-61 thru 1-166-61
1/6/61	Cryostat	V. Sailor Physics	M. Rosen	1-167-61 thru 1-168-61
12/16/60	Brain A-143	Dr. Calvo Medical	R. F. Smith	1-169-61 thru 1-172-61

Date	Caption	Dept.	Photographer	Number
12/16/60	Brain A-142	Dr.Calvo Medical	R.F.Smith	1-173-61 thru 1-176-61
1/12/61	Graph - 4.2 BEV/C Neg. Beam Data	W.Baker	A. Lasky	1-177-61
	" 3 BEV/C Neg. Beam Data	Physics		1-178-61
	" 6 BEV/C Neg. Beam Data			1-179-61
1/11/61	Meteorite	D.Heymann Chem.	M. Rosen	1-180-61 thru ~~1-180-61~~
				1-181-61
1/12/61	Copy of Table	A.Poskanzer Chem.	A. Lasky	1-182-61 thru
				1-183-61
1/12/61	Graph - Sr-85 Injection Data	Dr.Cohn Medical	A. Lasky	1-184-61
/12/61	Table - Frequencies of the various interchange types-diploid roots	Sparrow Biology	A. Lasky	1-185-61
	" Frequencies of the various interchange types-root chimaeras			1-186-61
1/12/61	Graph - Tsubokawa, Lotering & Gorter Data	Corliss/Hastings Chem.	A.Lasky	1-187-61
1/12/61	Copy of X-Ray - 80,170R 10 Jan. 61	Dr.Spraragen	A. Lasky	1-188-61
	" " " "	Medical		1-189-61
	" " " 20 July 1960			1-190-61
	" " " "			1-191-61
	" " " 30 Nov. 1960			1-192-61
	" " " "			1-193-61
1/9/61	PM Autograph 1200X (1)	Dr.Bond Medical	R.F.Smith	1-194-61 thru C1-194-61 thru 1-195-61 C1-195-61
1/9/61	PM Autograph 800X (1)	Dr.Bond Medical	R.F.Smith	1-196-61 C1-196-61
1/13/61	Graph - Defect Concentration Data	Dienes Physics	A. Lasky	1-197-61 thru 1-199-61

Date	Caption	Dept.	Photographer	Number
1/13/61	Graph - Fraction of Defects remaining	Dienes	A. Lasky	1-200-61
	" LOG K vs 1000/T	Physics		1-201-61
1/10/61	Dr.Bajaj - Visitor from India	Puleston Public Info.	M. Rosen	1-202-61 thru 1-205-61
12/8/60	Portrait - Dr. Tape	Dr.Tape Admin.	M. Rosen	1-206-61
1/13/61	Copy of U.S. Navy Photo	Dr.Farr Medical	A. Lasky	1-207-61 thru 1-218-61
1/13/61	Copy of Photo	Dr.Farr Medical	A. Lasky	1-219-61 thru 1-223-61
1/10/61	Unit #801-192R	Lippincott Medical	R. Walton	1-224-61 thru 1-225-61
1/10/61	Unit# 80196 R (1)	Lippincott Medical	Walton & Smith	1-226-61 thru C1-226-61 1-227-61 C1-227-61
1/13/61	Diagram - Integration Differential Polarograph	A.Elia Instr.	A. Lasky	1-228-61
1/13/61	Copy of Linkage Map for Phage P22	M.Levine	A.Lasky	1-229-61
	Copy of Linkage Map of C Mutations	Biology		1-230-61
1/10/61	PM Cells (2)	Sparrow Biology	R.F.Smith	C1-231-61 thru C1-233-61
1/12/60	Plant tumor (1)	G.Schaffer Biology	R. Walton	1-234-61 thru C1-234-61 thru 1-238-61 C1-238-61
1/16/61	Graph - Yale Experimental Results	Collins	A. Lasky	1-239-61
	" 1.384 Bev 4.30 Lab System Data	Physics		1-240-61
	" 2.868 Bev 2.72 Lab System			1-241-61
	" Pion Kinetic Energy Data			1-242-61

Date	Caption	Dept.	Photographer	Number
1/6/61	Physics Building Progress	Campagnone AEC	M. Rosen	1-263-61 thru 1-267-61
1/6/61	High Energy Rad. Lab. Progress	Campagnone AEC	M. Rosen	1-268-61
1/6/61	Boiler Plant Bldg. Extension Progress	Campagnone AEC	M. Rosen	1-269-61
1/6/61	Nuc. Eng. Building Progress	Campagnone AEC	M. Rosen	1-270-61 thru 1-273-61
1/18/61	Curve - Intensity vs Storage time in minutes	D. Ballentine Nuc. Eng.	H. Maile	1-274-61 thru 1-275-61
1/18/61	Schematic - Microscope - Film Setup	G. Zorn Physics	H. Maile	1-276-61
/18/61	Curve - 1/B2 vs Momentum in Mev/C	G. Zorn Physics	H. Maile	1-277-61
1/18/61	Schematic - Type 141 Type 112 etc. " Cosmotron & Bubble Chamber,	Thorndyke Physics	H. Maile	1-278-61 1-279-61
1/18/61	Graph - # of cases 25 Mev Mass interval vs neutral mass in Mev " Cosine CMS angle-CMS momentum " " # " " " " " " " " "	Thorndyke Physics	H. Maile	1-280-61 1-281-61 1-282-61 1-283-61
1/18/61	Curve - Center of Mass System	G. Collins Cosmo.	H. Maile	1-284-61
1/18/61	~~XXX~~ Curve	W. F. Baker Physics	H. Maile	1-285-61 thru 1-286-61
/18/61	Curve	G. Emory Physics	H. Maile	1-287-61

Date	Caption	Dept.	Photographer	Number
1/11/61	Portrait - Dr. Conard (in uniform)	Dr. Conard Medical	M. Rosen	1-243-61
1/11/61	Portrait - Dr. Farr (in uniform)	Dr. Farr Medical	M. Rosen	1-244-61
1/17/61	Gladiolas/Iris	A. Sparrow Biology		CN1-245-61
				CN1-246-61
1/17/61	Marshall Island Negs.	Dr. Conard Medical	Dr. Conard	CN1-247-61
				CN1-248-61
1/17/61	Graph - Center of Mass System 2.096	G. Collins		
	Bev 4.17 Degrees Lab	Physics	A. Lasky	1-249-61
	" Center of Mass System 1.355			
	Bev 237 Degrees Lab			1-250-61
	" Center of Mass System 2.06			
	Bev 2.74 Degrees Lab			1-251-61
	" Center of Mass System 2.867			
	Bev 4.51 Degrees Lab			1-252-61
	" Center of Mass System 1.384			
	Bev 4.30 Degrees Lab			1-253-61
	" Center of Mass System 1.351			
	Bev 3.38 Degrees Lab			1-254-61
	" 2.868 Bev 2.72 Degrees			1-255-61
	" 2.096 Bev 4.17 Degrees Lab System			1-256-61
1/17/61	Diagram - Analyzer Equipment	J. Swan Physics	A. Lasky	1-257-61
1/17/61	Schematic	J. Swan Physics	A. Lasky	1-258-61
1/17/61	Graph - Sn Fe Alloy & Fe 2 O3 Calibration	J. Swan Physics	A. Lasky	1-259-61
1/17/61	Graph - Fission Product Decay Heat	G. Kinne		
	vs Decay Time	Nuc. Eng.	A. Lasky	1-260-61
	" Part I, Fission Product ~~Day~~			
	Decay Heat, Etc.			1-261-61
	" Part II, Fission Product			
	Decay Heat, Etc.			1-262-61

Date	Caption	Dept.	Photographer	Number
1/18/61	Curve - Copy from Book "Journal de Physique et Le Radium", Tome 21 n° 5, 1960 -	G. Emory Physics		
	Figure 2, Page 417		H. Maile	1-288-61
	Figure 3, Page 417			1-289-61
	Figure 4, Page 418			1-290-61
1/18/61	Graph - Q-Value in Mev	H. Martin Cosmo.	H. Maile	1-291-61
1/18/61	Contours	S. Pickart Physics	H. Maile	1-292-61
1/18/61	Curve - Optical Density vs Wavelength	R. Smillie Biology	H. Maile	1-293-61
1/18/61	Schematic - Calvin Photosynthetic Cycle	R. Smillie Biology	H. Maile	1-294-61
1/19/61	Curve-Color removed by ea. 40 min. Anneal vs Annealing Temp - °C	P. Levy Physics	H. Maile	1-295-61 thru 1-297-61
1/17/61	Play - Detective Story	Sabine Recreation	M. Rosen	1-298-61 thru 1-299-61
1/13/61	Starch	T. Miller Medical	R. Walton	1-300-61
1/13/61	Monkey Brain	Dr. Innes Biology	R. Walton lost neg # 1-302-61 as per L.J.W.	1-301-61 thru 1-303-61
1/18/61	Cerenkov Counters	W. Baker ADD	M. Rosen	1-304-61 thru 1-306-61
1/19/61	Graph	Kistner Physics	H. Maile	1-307-61 thru 1-308-61
1/19/61	Schematic	Kistner Physics	H. Maile	1-309-61
1/19/61	Table - Induction by 5-Fluorodeoxyuridine and its Repression by Chloramphenicol	M. Levine Biology	H. Maile	1-310-61

Date	Caption	Dept.	Photographer	Number
1/19/61	Table - Repression of Induction of Phage Production by Pretreatment with Chloramphenicol for 90 minutes	M. Levine Biology	H. Maile	1-311-61
1/19/61	Table - Action of 6-Azauracil on the Repression of Induction of Phage Production by Pretreatment with Chloramphenicol	M.Levine Biology	H. Maile	1-312-61
1/19/61	Graph - For Trustees Meeting	Lindenbaum Physics	H. Maile	1-313-61 thru 1-316-61
1/19/61	Cerenkow Counters	Lindenbaum Physics	M. Rosen	1-317-61 thru 1-319-61
1/17/61	Corn Plants (1)	L.Mericle Biology	R. Walton	1-320-61 C1-320-61
1/23/61	Graph - Chloramphenicol Data	M.Levine Biology	A. Lasky	1-321-61 thru 1-322-61
1/23/61	Graph - H2O2/H2O2 Data	H.Schwartz Chemistry	A. Lasky	1-323-61
1/18/61	Health Labs	Mr.Dircks N.Y.AEC	R. Walton	1-324-61 thru 1-338-61
1/20/61	Pattern Stress	H.Courtney Physics	R. Walton	1-339-61
1/23/61	Table	R.Rau Physics	A. Lasky	1-340-61 thru 1-343-61
1/23/61	Table - BNL & CCNY References	R.Rau Physics	A. Lasky	1-344-61
	" Hyperon Production Cross Sections (Millibarns)			1-345-61
	" Hyperon Production Cases Found			1-346-61
	" Comparison of Cross Sections			1-347-61

Date	Caption	Dept.	Photographer	Number
1/23/61	Diagram - π Exchange & K. Exchange	R. Rau Physics	A. Lasky	1-348-61
12/30/60	Copy of B & W Slide	Dr. Conard Medical	D. Humphrey	1-349-61 thru 1-351-61
1/23/61	Graph - Lycopene Data	Benedict	A. Lasky	1-352-61
	" P 481 Data	Biology		1-353-61
	" Spirilloxanthin Data			1-354-61
	" Growth Curve Chronatium			1-355-61
	" Lycopene, Lycoxanthin, Etc. Data			1-356-61
1/23/61	Copy of Pulse	Lippincott Medical	A. Lasky	1-357-61
1/24/61	Straight Line	J. Cockrill	Maile/Humphrey	1-358-61
1/23/61	Chart I - Estimated Average Life Expectancy at Birth, U.S. 1900-59	Dr. Cronkite Medical	A. Lasky	1-359-61
	Chart II - Estimated Average Life Expectancy by Sex, Color			1-360-61
	Chart III - Estimated average Life Expectancy by Age, etc.			1-361-61
	Chart IV - Gains in Life Expectancy, etc.			1-362-61
1/17/61	PM Path 25X (1)	Dr. Innes Biology	R. F. Smith	1-363-61 C1-363-61
1/11/61	PM Uranium Crystal (1) Photographer in UD 1:70	F. Horn Nuc. Eng.	R. F. Smith	1-364-61 C1-364-61
1/11/61	PM Urnaium crystal (1)	F. Horn Nuc. Eng.	R. F. Smith	1-365-61 thru C1-365-61 thru 1-366-61 C1-366-61
1/24/61	Chart 30-"The Rat Data & Reference Tables", p.207. Brain weight on the body weight, etc.	Dr. Innes Biology	A. Lasky	1-367-61

Date	Caption	Dept.	Photographer	Number
1/24/61	Table 79A - Pages 118 & 119 (Composite Neg.) "The Rat Data & References" Order of Myelination, etc.	Dr. Innes Biology	A. Lasky	1-368-61
1/24/61	Table 157A, P. 281 "The Rat Data & References" Body wt. on age, etc.	Dr. Innes Biology	A. Lasky	1-369-61
1/24/61	Fig.2, p.604 "Radiation Dosimetry (Hine & Brownell)	D.Metz Nuc.Eng.	A. Lasky	1-370-61
	Fig.6, p.20 "Radiation Dosimetry" (Hine & Brownell)	NEGATIVES ON FILE IN		1-371-61
	Fig. 14-6, p.291 "Nuclear Physics"(Kaplan)	SPANISH ALSO —		1-372-61
	Fig. 14-7, p.292 "Nuclear Physics"(Kaplan)	#1-370-61 1-371-61		1-373-61
	Fig.28, p.203 "Radiation Dosimetry" (Hine & Brownell)	1-372-61 1-373-61		1-374-61
	Table 15-2, p.329 "Nuclear Physics"(Kaplan)			1-375-61
1/24/61	Copy of Photos Composite	H.H.Smith Biology	A. Lasky	1-376-61 thru 1-378-61
1/24/61	Table - Absorbance Data	S.Conti Biology	A. Lasky	1-379-61
1/24/61	Table - Turbulent Heat Transfer Coefficent, etc.	Schweitzer Nuc.Eng.	A. Lasky	1-380-61
	Table - Equilibrium Distances Calculated,etc.			1-381-61
	Table			1-382-61 thru 1-383-61
1/17/61	Pictures in Operating Room	Lippincott Medical	R. Walton	C1-384-61 thru C1-388-61
1/24/61	Graph - Temperature Dependence of I (101)	Nathans Physics	A. Lasky	1-389-61
	" Field Effects on Magnet Peaks			1-390-61
	Diagram - Change in Spin Arrangement, etc.			1-391-61
	" Projections Illustrating Spin Structures			1-392-61

Date	Caption	Dept.	Photographer	Number
1/25/61	Graph - Xe-Xe, Xe-Ne Data	Johnson	A. Lasky	1-393-61
	" Rate Constant Ratios vs 1000/T	Chem.		1-394-61
1/25/61	Copy of Composite PM's - Fig. 1 & 2	H.H.Curtis	A. Lasky	1-395-61
	Fig. 3, 4a & 4b	Biology		1-396-61
	Fig. 5			1-397-61
	Fig. 6 & 7			1-398-61
	Fig. 8 & 9			1-399-61
	Fig. 10 & 11			1-400-61
	Fig. 12- & 13			1-401-61
	Fig. 14 & 15			1-402-61
1/25/61	Copy of PM Figure 1	H.Quastler	A. Lasky	1-403-61
	Figure 2			1-404-61
	Figure 3			1-405-61
	Figure 4			1-406-61
1/17/61	High Voltage Pulse Generator	J.Fischer	A. Lasky	1-407-61 thru
		Instru.		1-410-61
1/25/61	Graph - Length of Channel Cooled vs.	D.Schweitzer		
	Heat Trans Coefficient	Nuc.Eng.	A. Lasky	1-411-61
	" Heating Rate along a 1" Diam			
	Channel initially at 705 C			1-412-61
	" Arrhenius Plot, etc.			1-413-61
	" Dependence of K_1, etc.			1-414-61
	" Variation of K_1 with heat			1-415-61 thru
	transfer coefficient and temp.			1-417-61
	" Temp. variation with time along			1-418-61 thru
	a 1" Diam Channel			1-419-61
	" Heating Rate along a 1" Diam			1-420-61 thru
	Channel initially at 705 C			1-421-61
1/25/61	Graph - Temp. Changes along a 1"	D.Schweitzer		
	Diam Channel	Nuc.Eng.	A. Lasky	1-422-61
	" Temp. Changes with time along			
	a 1" Diam Channel			1-423-61

Date	Caption	Dept.	Photographer	Number
1/25/61	Graph - Effect of Temp on the length of Channel Cooled	D. Schweitzer Nuc. Eng.	A. Lasky	1-424-61
	" ~~Heating & Cooling rate curve for a heated graphite channel~~			~~1-425-61~~
1/26/61	Graph - Relative neutron current into Control Rods	Hendrie Nuc. Eng.	A. Lasky	1-425-61
1/25/61	Graph - Corticosterone - Plasma Levels, etc.	E. Hughes Medical	A. Lasky	1-426-61
	" Corticosterone Plasma Levels at different ages			1-427-61
	" Corticosterone/Cortisol Ratio, etc.			1-428-61
1/25/61	Graph - Growth Curve of R. Vannielii	S. Conti Biology	A. Lasky	1-429-61
1/25/61	Diagram-Cell Polarization VoltageSupply	A. Elia Instr./H. Physics	A. Lasky	1-430-61
1/24/61	Health Labs	Mr. Dircks NY AEC	R. Walton	1-431-61 thru 1-442-61
1/24/61	Health Physics	Mr. Dircks NY AEC	R. Walton	1-443-61
1/24/61	Play "Detective Story"	G. Sabine Recreation	M. Rosen Lost as per RJW while series	1-444-61 thru 1-458-61
1/26/61	Table I-Measured Characteristics of the U235 Fission Fragments, etc.	G. Safford Physics	A. Lasky	1-459-61
	Table II-Average Heavy & Light Masses, etc.			1-460-61
	Table - Relationship between Pulse Height & Mass, etc.			1-461-61
1/26/61	Table - Transition Probabilities of Gamma Rays from Capture in Pt 196	H. Bolotin Physics	A. Lasky	1-462-61
1/26/61	Graph - Z Average Power Dist., etc. (10% in copper 0% in copper rods)	A. Court Nuc. Eng.	A. Lasky	1-463-61
	Graph - Z Average Power Dist., etc. (5% in copper 5% in copper Rods)			1-464-61

Date	Caption	Dept.	Photographer	Number
1/26/61	Diagram - f.c. 1st,2nd,3rd,& 4th Type, etc.	Corliss/ Hastings	A. Lasky	1-465-61
	" CuFeS,Cu & Mn2Sb Data	Chemistry		1-466-61
	" b.c. 1st & 2nd Type			1-467-61
	" Cr Sb & Cr Se			1-468-61
	" Type A.C. & G.			1-469-61
	" Mn Br 2, FeC12 & BQMnS Hex			1-470-61
	" Cr Vo4, Fe So4 CoSo 4			1-471-61
	" Metal Positions in A1203 & Related Structures			1-472-61
1/26/61	Graph - Triple Coincidences with Annihilation radiation Sb118	Bolotin Physics	A. Lasky	1-473-61
	" A1 7.73 Mev x-ray Data			1-474-61
	" Net Counts vs Pulse Heights 11.9,121,140 & 223 ev Level			1-475-61
1/26/61	Diagram - One of three identical stages	Sugarman	A. Lasky	1-476-61
	" Electronic	Inst. & H.P.		1-477-61
	Copy of Cartoon			1-478-61
1/26/61	Graph - H2O Ice Data	Muether	A. Lasky	1-479-61
	" Neutron Intensity Data H2O Ice & H2O Liquid	Physics		1-480-61
1/26/61	Graph - Leucocytes, Neutrophiles & Lymphocytes Data	Yamamoto Medical	A. Lasky	1-481-61
1/27/61	Diagram - Relative Intensity of Hyperfine Components	Kistner Physics	A. Lasky	1-482-61
1/26/61	Diagram - Sn 118 Data	Bolotin Physics	A. Lasky	1-483-61 thru 1-484-61
	Graph - Probability Data			1-485-61
	" Angular Correlation			1-486-61
	" Pulse Hgts. #1,2,3 & 4 counts vs. time of flight			1-487-61
	" 0.254 - 1.23 Mev Coincidences			1-488-61

Date	Caption	Dept.	Photographer	Number
1/26/61	Graph - Singles Spectrum Sb118 (High	Bolotin		
	Energy Portion)	Phsyics	A. Lasky	1-489-61
	" Sb 118 - 5 Hr. Single Spectrum			1-490-61
	" "Low" Bias P t 196			1-491-61
	" X-Ray - 0.254 Mev Coincidences			1-492-61
	" Internal Conversions Sn 118			1-493-61
	" Sn 118, Net Counts vs. Field Setting			1-494-61
1/27/61	Floor Plan of Cosmotron	G. Stoll Nuc. Eng.	A. Lasky	1-495-61
1/25/61	Mouse Irradiation - Cyclotron	Dr. Jansen Medical	M. Rosen	1-496-61 thru
				1-498-61
1/27/61	Collimator - Magnet Details - Target	W. Baker		
	Building - Figure # 1	Physics	A. Lasky	1-499-61
	Figure # 2			1-500-61
1/27/61	Graph - Derivative of Electron Spin	Dr. Borg		
	Resonance Absorption, etc.	Medical	A. Lasky	1-501-61
1/25/61	Portrait - Blanche Laskee - Reactor	V. Brown	A. Lasky	1-502-61
	" Pat Towey - Physics	Personnel		1-503-61
	" John Binnington - Library			1-504-61
	" William Knapp - Dir. Office			1-505-61
	" James Stangby - Biology			1-506-61
1/25/61	Whole Brain Section (1)	Yamamoto Medical	R. Walton ~~R.F.Smith~~	1-507-61
				C1-507-61
1/25/61	PM Of Brain 80X	Yamamoto Medical	R.F. Smith	1-508-61 thru
				1-510-61
1/23/61	PM Autograph 1200X	Dr. Bond Medical	R.F. Smith	1-511-61
1/27/61	Copy of Composite - ~~Figure 2~~ delete	Lippincott	A. Lasky	~~1-512-61~~ dele
	" Figure 3	Medical		1-513-61
	" Figure 5			1-514-61

Date	Caption	Dept.	Photographer	Number
1/26/61	PM Autograph 800X	Dr.Quastler Biology	R.F.Smith	1-515-61 thru 1-516-61
1/30/61	Schematic - Layout for Beam Survey	W. Baker	A. Lasky	1-517-61
	" Cerenkov Counter Optics	Physics		1-518-61
1/30/61	Table - Perturbation Theory Data	Marr	A. Lasky	1-519-61
	" Anomalous Threshold Case	Physics		1-520-61
	" Normal Threshold Case			1-521-61
	Graph - Σ Exchange Contribution			1-522-61
	" Λ Exchange Contribution Odd ($\Sigma\Lambda$) Parity			1-523-61
	" Λ Exchange Contribution even ~~Odd~~ ($\Sigma\Lambda$) Parity			1-524-61
1/30/61	Graph - Counts vs Energy Mev	Safford Physics	A. Lasky	1-525-61
1/26/61	Shipping container for active materials	L.Adler	R. Walton	1-526-61
	Shipping cask for active materials	Nuc.Eng.		1-527-61
1/24/61	Doors for Hot Cell	J. Ruddy	R. Walton	1-528-61
	Door in Hot Cell	AP & PM		1-529-61
	Door in Cyclotron			1-530-61
	Door in Med. Reactor			1-531-61 thru 1-532-61
1/19/61	Operation	Dr.Lippincott Medical	Walton/Smith	1-533-61 thru 1-537-61
1/19/61	Neck Operation	Lippincott Medical	Walton/Smith	1-538-61
1/30/61	Schematic Chart - Sn118	Bolotin Physics	A. Lasky	1-539-61
1/30/61	Table - Experimental Results	Kistner Physics	A. Lasky	1-540-61
1/30/61	Graph - B(mv) vs. % Cr in the Steel	J.Weeks Nuc.Eng.	A. Lasky	1-541-61

Date	Caption	Dept.	Photographer	Number
1/30/61	Graph - Seedling Ht. - % of control	H. Smith		
	vs Post-Irradiation Storage, etc.	Biology	A. Lasky	1-542-61
	" Sector Freq. vs. % reduction in			
	seedling height			1-543-61
	" % of control vs. Post-irradiation			
	planting time (days)			1-544-61
1/30/61	Schematic Diagram - Beam Analyzing	Duke		
	Apparatus	Cosmotron	A. Lasky	1-545-61
1/30/61	Copy of Diagram - Integrating Differ-	A. Elia		
	ential Polarograph Timing Circuit	Instr./H.P.		
	# 1		A. Lasky	1-546-61
	# 2			1-547-61
1/30/61	Table - Zone Data	Benedict	A. Lasky	1-548-61
	" Specific Activity Data	Biology		1-549-61
	" Pep Cabboxykinase Exchange Reaction			1-550-61
	" Citric Acid & Glyoxylate Cycle			1-551-61
	" Citramalate Cycle			1-552-61
	" Lycopene, P481, OH-P-481 Data			1-553-61
	" Spirilloxanthin, Lycoxanthin,			
	Lycophyll Data			1-554-61
	" Lycopene, P481 - Spirilloxanthin,			
	Lycoxanthin, Lycophyll Data			1-555-61
	Copy of Table			1-556-61
1/30/61	Copy of NASA - Lewis Research Center Photo	A. Ascoli Physics	A. Lasky	1-557-61
1/30/61	Copy of Pulses	R. Chase Instr./HP	A. Lasky	1-558-61
1/30/61	Copy of Photo	Dr. Hirs Biology	A. Lasky	1-559-61 thru
				1-560-61
1/30/61	Copy of Pulses Composite	B. Sugarman Instr./HP	A. Lasky	1-561-61 thru
				1-562-61

Date	Caption	Dept.	Photographer	Number
1/30/61	Schematic - Timing Sequence	A.Elia Instr./HP	A. Lasky	1-563-61
1/30/61	Diagram - Fast High Power EFP-60 Trigger Circuit	A.Elia Instr./HP	A. Lasky	1-564-61
1/30/61	Graph - Mass Spectral Analysis Results (Least Square Line)	Bigeleisen Chemistry	A. Lasky	1-565-61
1/30/61	Chart - Hydrolysis of Neutral Fat - Squibb Tech. Data Sheet	Dr. Rai Medical	A. Lasky	1-566-61
	" Digestion & Absorption of Neutral Fat - Squibb Tech. Data Sheet)			1-567-61
1/30/61	Graph - Radioactive Fat Absorption, etc. (p.249 Annals of Internal Med.)	Dr.Rai Medical	A. Lasky	1-568-61
	" Nat Fuhrman 34M Weight Record			1-569-61
	" Nat Fuhrman 34 WM Excretion Data			1-570-61
1/30/61	Copy of Pulse	J.Constant	A. Lasky	1-571-61
	Diagram - Emulstion Gap Counter	Instr./HP		1-572-61
1/31/61	Table - Compound, Time CMP/10 ml Supernatant Data	Benedict Biology	A. Lasky	1-573-61
	Table III - Formation of Malate, etc.			1-574-61
	Table IV - Specific Activities of Key Enzymes			1-575-61
1/31/61	Circuit Diagram	Constant Instr.	A. Lasky	1-576-61 thru 1-577-61
1/31/61	Graph - C1402 Production	Benedict Biology	A. Lasky	1-578-61
/31/61	Prod. of Heavy Water - Fig.12.1,P.317	Bigeleisen	A. Lasky	1-579-61
	Geo-Chimica, etc. - Fig. 2, P. 236	Chemistry		1-580-61
	" " Fig. 1, P. 236			1-581-61
	" " Fig. 3, P.240			1-582-61

Date	Caption	Dept.	Photographer	Number
1/31/61	Prep. of Highly Enriched Notrogen15	Bigeleisen		
	Fig. 2, P. 170	Chem.	A. Lasky	1-583-61
	Fig. 1, P. 161			1-584-61
	The Proton in Chemistry - Table 25, P.203			1-585-61
	Fig. 22, P. 211			1-586-61
	Proceedings of the Royal Society, etc.			
	Figs. 1, 2 & 3 P. 463			1-587-61
1/31/61	Copy of B & W Slide	Goldhaber Physics	A. Lasky	1-588-61 thru
				1-589-61
~~2/1/61~~	~~Table - Characteristics of Chyle &~~	~~Rai~~		
	~~Pseudochyle~~	~~Medical~~	~~A. Lasky~~	~~1-590-61~~

February

Date	Caption	Dept.	Photographer	Number
2/1/61	Table - Characteristics of Chyle &	Dr.Rai		
	Pseudochyle	Medical	A. Lasky	2-1-61
	" Fat Levels in Plasma & Ascites			
	Fluid - Nat Fuhrman			2-2-61
2/1/61	Graph - Pion Kinetic Energy Bev Data	P. Duke	A. Lasky	2-3-61
	" Center of Mass System 2.867	Cosmotron		
	Bev 4.51 Degrees Lab			2-4-61
	" Center of Mass System 2.868			
	Bev 2.72 Degrees Lab			2-5-61
1/31/61	Spark Chamber	G.Zorn Physics	M. Rosen	2-6-61 thru
				2-16-61
2/1/61	Resolution Test Chart	Burrowes Cosmotron	H. Maile	2-17-61
2/1/61	Copy of X-Ray	Lippincott Medical	A. Lasky	2-18-61 thru
				2-23-61
1/30/61	Jerry Hudis installing target on	J. Hudis		
	ram - Cosmotron (1)	Chemistry	R. Walton	2-24-61
				C2-24-61
1/27/61	Radiation test on Dogs	Dr.Robertson Medical	R. Walton	2-25-61 thru
				2-27-61
2/1/61	Radiation Accidents Am J Roent.84:715,60			
	Table V p. 719	A.Carsten	A. Lasky	2-28-61
	Fig. 1 p. 720	HealthPhysics		2-29-61
	Fig. 2 p. 721			2-30-61
	Biol Eff of WB Rad on Human Beings			
	H.O. Davidson			
	Fig. 3 p. 19			2-31-61
	Fig. 7 p.30			2-32-61
	Fig. 6 p.29			2-33-61
	Fig. 5 p.27			2-34-61
	Fig. 4 p.24			2-35-61

Date	Caption	Dept.	Photographer	Number
2/1/61	Biol Eff of WB Rad on Human Beings	A. Carsten		
	H.O. Davidson	Health Physics	A. Lasky	
	Table 1 p. 21			2-36-61
	Fig. 2 p. 17			2-37-61
	Table Top p. 16			2-38-61
	Fig. 3 p.19			2-39-61
	Atomic Radiation RCA 1957			
	Fig. 5 p. 8			2-40-61
	Fig. 47 p. 46			2-41-61
	Fig. 45 p. 45			2-42-61
	Fig. 44 p.44			2-43-61
	Fig. 29 p. 28			2-44-61
	Fig. 28, p. 27			2-45-61
	Fig. 24 p. 23			2-46-61
	Fig. 21 p. 21			2-47-61
	Fig. 17 p. 17			2-48-61
	Fig. 15 p. 16			2-49-61
	Fig. 14 p. 16			2-50-61
	Table 4 p. 16			2-51-61
	Fig. 4 p. 8			2-52-61
	Fig. 3 p. 7			2-53-61
	Table 2 p. 6			2-54-61
	Table 1 p. 6			2-55-61
1/30/61	AGS Magnet section - model -	Christoffersen	R.F. Smith	2-56-61
	Frames 0,3,4,5,6 (Front view)			CN2-56-61
	Frames 11,12,13,14,15,16, side view		R.F. Smith	2-57-61 CN2-57-61
	Frames ½ Oblique- 2,3,4,5,6,7,8		R.F. Smith	2-58-61 CN2-58-61
2/2/61	Diagram - Experimental H.V. Pulser	G. Schwarzer Instru.	A. Lasky	2-59-61
2/2/61	Table - Logic Data	J. Constant	A. Lasky	2-60-61
	Diagram - Flip-Flop	Instr.		2-61-61
	" Transistor/Diode Tunnel Diode			
	& Avalanche Transistor Details			2-62-61

Date	Caption	Dept.	Photographer	Number
2/2/61	Table - Compound Nucleus Reactions	Friedlander	A. Lasky	2-63-61
	" Pion Production	Chemistry		2-64-61
	Copy of Equation			2-65-61
2/2/61	Diagram - High Voltage Pulse Generator	A.Elia		
	for Spark Chamber 10 Simultaneous	Instr.	A. Lasky	2-66-61
	isolated outposts			
2/2/61	Graph - Temp. Diff. between Graphite	Schweitzer		
	& Air Along the 2.63" chan.	Nuc.Eng.	A. Lasky	2-67-61
	" "" " 1" channel			2-68-61
	" " " 1" channel			2-69-61
	" Graphite Reaction rates from			
	heat transfer equilibrium			2-70-61
	" Continuous variation at 525mu			2-71-61
	" Oxidation Rate at 400 C			2-72-61
	" Oxidation Rates at 400 C			2-73-61
	" Graphite Temp. along the 2.63"			
	Diam channel			2-74-61
	" Length of 1" Diam channel			
	cooled, etc.			2-75-61
	" Length of 2.63" Diam channel,			
	cooled			2-76-61
	" Equilibrium Position as a			
	Function of Flow Rate (705 c)			2-77-61
	Steady State values along the channel			2-78-61
	Schematic - Graphite Oxidation equip.			2-79-61
2/2/61	Diagram - Hard Tube H.V. Pulser of	A. Elia		
	Short Dead Time	Instr./HP	A. Lasky	2-80-61
2/2/61	Diagram - Spark Chambers Wiring	G.Zorn	A. Lasky	2-81-61
	Schematic - Experimental Arrangement for	Physics		
	testing characteristics of spark			
	chambers			2-82-61
	Schematic - Cross Sectional view of			
	four-plate section of Al Foil spark			
	Chamber			2-83-61

Date	Caption	Dept.	Photographer	Number
2/2/61	Graph - Time Delay between applied field and onset of spark currents over 5 amp	GZorn Physics	A. Lasky	2-84-61
2/1/61	Whole Brain Section (1)	Dr.Calvo	R.F.Smith	2-85-61
	PM Brain 200X	Medical		C2-85-61 2-86-61
	PM Brain 80X			2-87-61
	PM Brain 320X			2-88-61
	PM Brain 200X			2-89-61
	PM Brain 200X			2-90-61
	PM Brain 320ØX			2-91-61
	Pm Brain 80X			2-92-61
	PM Brain 320X			2-93-61
	PM Brain 320X			2-94-61
2/1/61	Monkey Head	Dr.Innes Biology	R.F.Smith	2-95-61
1/30/61	Presentation AGS Magnet Section	Christoffersen Photo	R.F.Smith	2-96-61 thru
	(delete) See # 2-56-61	2-57-61	2-58-61	2-98-61
2/2/61	Bar Graph - Untreated & Barium Treated Data	Conard Medical	A. Lasky	2-99-61
2/2/61	Graph - Orthochromatic Normo Blast	Dr.Bond Medical	A. Lasky	2-100-61 thru
				2-102-61
	" Metamyelocytes Data			2-103-61 thru
				2-105-61
	" Grain Count Distribution in Telophase			2-106-61
2/2/61	Copy of Cosmotron Details	E.Heins Cosmotron	A. Lasky	2-107-61
1/18/61	Brain A 142-60	Dr.Calvo Medical	M. Rosen	2-108-61 thru
				2-127-61
	Brain A 143-60			2-128-61 thru
				2-145-61

Date	Caption	Dept.	Photographer	Number
2/3/61	Spark Chamber	J. Fischer Instr.	M. Rosen	2-146-61
2/1/61	Target for Cosmotron (4)	J. Budis Chem.	R. Walton	2-147-61 C2-147-61 thr ~~C2-150-61~~ 2-150-61
1/27/61	Plants in Greenhouse (1)	L. Schairer Biology	R. Walton	2-151-61 thr C2-151-61 thr 2-160-61 C2-160-61
1/30/61	AGS Bldg. Extension Const. Prog.	Dick Brown	M. Rosen	2-161-61 thr
		Stone/Webster		2-165-61
	80" Bubble Chamber Constr. Progress			2-166-61
1/27/61	Mutant flowers ♀ ♀ (1)	S. Shapiro Bio	Robert J Walton	C2-167-61 thru C2-170-61
		B&W NEGATIVE		2-170-61
2/3/61	Table - Data according to Males & Females, body length, tail length, body wt., brain wt. & spinal cord wt.	Dr. Innes Biology	A. Lasky	2-171-61
2/3/61	Hydrogen in Metals - p. 103 Fig. 7.7-1 - Pd-H Lattice Constants and Hydrogen concentrations Hydrogen in Metals - p. 100 Fig. 716-6 - Pd-H Evolution Isotherms & Constitution	T. Flanagan Physics	A. Lasky	2-172-61 2-173-61
2/3/61	Graph - Heating rates in the 2" Diam Channel (initially at 705 C)	Schweitzer Nuc. Eng.	A. Lasky	2-174-61
1/27/61	Dry Box	A. Banslaben Hot Lab	R. Walton	2-175-61 thr 2-179-61
	Construction of Hot Cell			2-180-61 thr 2-181-61
	Exploded view of a seal for a dry box			2-182-61
	Covers for dry box			2-183-61
	Construction of a new cell			2-184-61

Date	Caption	Dept.	Photographer	Number
1/2/61	Chassis	c. Porter Electronics	R. Walton	2-185-61 thru
				2-186-61
1/27/61	Patient #8-01-62 (2)	Yamamoto Medical	R.F.Smith	2-187-61 thru
				C2-187-61
				2-188-61
1/27/61	Patient #8-01-62	"	"	2-189-61thru
				2-190-61
2/3/61	Copy of Composite PM's	Belkin Pat.Office	A. Lasky	2-191-61
2/3/61	PM Autograph #0 100X	Dr.Debons	R.F.Smith	2-192-61
	#1 100X	Medical		2-193-61
	# 2 100X			2-194-61
	#3 100X			2-195-61
	#4 100X			2-196-61
	#5 100X			2-197-61
	#6 100X			2-198-61
	#7 100X			2-199-61
	#8 100X			2-200-61
	#9 100X			2-201-61
	#10 100X			2-202-61
	#11 100X			2-203-61
	#12 100X			2-204-61
	#13 400X			2-205-61
	#14 24X			2-206-61
	#15 24X			2-207-61
	#16 24X		SEE NEG. #6-132-61	2-208-61
	#17 24X SECTION OF 2-209-61		~~#2-209-61~~	2-209-61
	#18 24X			2-210-61
	#19 24X			2-211-61
	#20 24X			2-212-61

Date	Caption	Dept.	Photographer	Number
2/3/61	Mice showing tumors on legs	Dr. Calvo Medical	R. Walton	~~2-~~ 2-213-61 t
	~~Examex#x~~			2-227-61
2/7/61	Percent Survival vs. Dose in Seconds	Levine	H. Maile	2-228-61
	Curve - 120 Minute Pretreatment	Biology		2-229-61
	" Dose in seconds vs. Percent			
	Survival			2-230-61
2/7/61	Table - Oxidation rate vs. Pressure	Schweitzer	H. Maile	2-231-61
	" Equilibrium conditions at 705C	NED		2-232-61
	" Graphite reactivities from heat			
	transfer equilibrium			2-233-61
	" Reactivities determined at 400C			
	for 0.2 atmospheres oxygen			2-234-61
1/1/61	Molecular Studies	G. Friedlander Chemistry	R. Walton	2-235-61
2/7/61	Schematic - Double delay line clipped	G. Schwarzer		
	linear amplifier	Instru.	R. Fuka	2-236-61
2/7/61	Graph - Cross Section in 10^{-26} CM^2	Friedlander Chemistry	R. Fuka	2-237-61
2/7/61	Dial Face	A. Elia Instr.	R. Fuka	2-238-61
2/7/61	Graph - U.V. Dose in Seconds	M. Levine Biology	R. Fuka	2-239-61
2/7/61	Curve - Fraction of Mitoses Labeled	Quastler Biology	R. Fuka	2-240-61
2/7/61	Schematic of Equipment	L. Yuan Physics	R. Fuka	2-241-61
2/7/61	Schematic of Equipment	M. Slavin Chemistry	R. Fuka	2-242-61 thru
				2-243-61
2/7/61	Graph - N vs. Z	Friedlander	R. Fuka	2-244-61
	Schematic - Selection of Impact Parameter	Chem.		2-245-61
	" Shell effects on (plpn)			
	Cross Section			2-246-61

Date	Caption	Dept.	Photographer	Number
2/7/61	Curve - Log L	Friedlander	R. Fuka	2-247-61
	" Pion - Nucleon Scattering	Chemistry		2-248-61
	" Co^{59}+370 Mev Protons Mass-Yield			
	Curve (Belmont & Miller)			2-249-61
	" Isobaric Yield in Copper			
	Spallation (2.2 Bev Protons			2-250-61
	" Proton Bombardments of lead &			
	Bismuth Mass-Yield Curves			2-251-61
1/1/61	Monkey Head	Dr. Innes Biology	R. Walton	2-252-61 thru
				2-253-61
2/8/61	Radiation Dose from ^{32}P in Bone	Kember	R. Fuka	2-254-61
	Distribution of Labelled cells in the	Biology		
	Metaphysis			2-255-61
	Dose rates measured over $100u^2$ areas			2-256-61
2/8/61	Tracers	R. Chase Instr.	R. Fuka	2-257-61
2/8/61	Copy of 2x2 Kodachrome Transparency	B. Bassett Chem.	R. Fuka	2-258-61
2/8/61	Group Shot	E. VanHorn AEC	R. Fuka	2-259-61
2/8/61	Degree of Doctor	Yung Chu Chemistry	R. Fuka	2-260-61
2/8/61	Pasteup of PM	H. Quastler Biology	R. Fuka	2-261-61
2/9/61	100 % CO_2 Curve	Dr. Shreeve Medical	R. Fuka	2-262-61
2/9/61	Schematic Diagram - Radiated dose			
	distribution in bone at intervals			
	after an injection of a radioactive	Kember		
	bone seeking isotope.	Biology	R. Fuka	2-263-61
	Schematic Diagram - Migration of cells			
	within a changing radiation dose			
	distribution			2-264-61

Date	Caption	Dept.	Photographer	Number
1/31/61	PM Fern (1)	Dr. Mericle Biology	R. F. Smith	2-265-61 thru C2-265-61 thru 2-269-61 C2-269-61
1/25/61	PM Fern (10)	Dr. Mericle Biology	R. F. Smith	2-270-61 thru C2-270-61 thru 2-277-61 C2-277-61
2/9/61	Decay of Original Color	P. Levy Physics	R. Fuka ~~R. F. Smith~~	2-278-61
2/9/61	Schematic - determination of c^{12}(plpn)	Friedlander		
	cross section	Chemistry	R. Fuka	2-279-61 ~~thru~~
	" Nuclear Density Distribution			2-280-61
	" Measurement of Recoil Prop.			2-281-61
	Graph - Isobars of Mass 72			2-282-61
	" Uranium Fission Products in the Cesium region			2-283-61
2/9/61	Typed Table - Monitor Reaction	Friedlander Chemistry	R. Fuka	2-284-61
2/9/61	Graph - (Curve) (Formula)	Porile	R. Fuka	2-285-61 thru
		Chemistry		2-293-61
	Graph - (Schematic) (Formula)			2-294-61 thru
				2-295-61
2/9/61	Graph - (Schematic) (Formula)	Porile	R. Fuka	2-296-61 thru
		Chemistry		2-301-61
2/9/61	Graph - (Curve)	Bateman	R. Fuka	2-302-61
	Graph - (Schematic)	Medical		2-303-61 thru
				2-304-61
2/8/61	Brain # 146	Dr. Calvo	R. Walton	2-305-61 thru
		Medical		2-330-61
2/8/61	Pix of Medical Dept. snow mounds	V. Brown Bul. Board	R. Walton	2-331-61
2/6/61	PM Pollen grains 80X	Dr. Brewbaker	R. F. Smith	2-332-61 thru
		Biology		2-334-61

Date	Caption	Dept.	Photographer	Number
2/6/61	PM Pollen 1200X	Dr.Brewbaker	R.F.Smith	2-335-61 thr
		Biology		2-342-61
2/8/61	Door to Cyclotron Vault	J.Ruddy AP&PM	R. Walton	2-343-61
2/8/61	Filtering Apparatus	J. Hudis Chemistry	R. Walton	C2-344-61
2/7/61	PM Path - Roll 1 # 1 40X Slide 6011 (3)	Dr.Cronkite	R.F.Smith	2-345-61
	PM Autograph - Roll1 # 2 200X Slide 6010(ARB)(3)			C2-345-61 2-346-61
	PM Autograph focus for cells Roll 1	Medical		C2-346-61
	# 2 200X Slide 6010 (ARB) (3)			2-347-61 C2-347-61
	PM Autograph Roll 1 # 3 500 X			
	Slide # 6011 (ARG) (3)			2-348-61 C2-348-61
	Pm Autograph Roll 1 # 4 500X			
	Slide 6011 (ARG) (3)			2-349-61 C2-349-61
	PM Autograph Roll 1 # 5 500X			
	Slide 6012 (ARB) (3)			2-350-61 C2-350-61
	PM Autgoraph focus for tissue Roll 1			
	# 5 500X Slide 6012 (ARB) (3)			2-351-61 C2-351-61
	PM of blood cell focus for cell Roll 1			
	# 6 630X Slide 6008 (ARG) (3)			2-352-61 C2-352-61
	PM of blood cell focus for autograph			
	Roll 1 # 6 630X Slide 6008 (ARG) (3)			2-353-61 C2-353-61
	PM of autograph focus for autograph			
	Roll 2 # 1 630X Slide 6012 (ARG) (3)			2-354-61 C2-354-61
	PM autograph focus for cell Roll 2			
	# 1 630X Slide 6012 (ARG) (3)			2-355-61 C2-355-61
	PM of cell with fat globuals Roll 2			
	# 2 252X & Patient Fuhrman (3)			2-356-61 C2-356-61
2/14/61	Table - Isobaric Yield Ratios	Friedlander	R. Fuka	2-357-61
	Graph - U^{238} 1.8 Bev	Chemistry		2-358-61
2/14/61	Graph - Cells vs. Grains	Quastler Biology	R. Fuka	2-359-61
2/14/61	Curve-% Abnormalties vs. age months	Curtis Biology	R. Fuka	2-360-61

Date	Caption	Dept.	Photographer	Number
2/14/61	Table - "Regular" Glass Needle Data	C.G.Amato Medical	R. Fuka	2-361-61
2/13/61	Schematic - 80" L.H. Bubble Chamber Expansion System	Diener Physics	R. Fuka	2-362-61 thru 2-363-61
2/14/61	X - Ray	Dr.Bond Medical	R. Fuka	2-364-61 thru 2-390-61
2/14/61	Composite - B.C. Expansion value data w/ scope pulses	Diener Physics	R. Fuka	2-391-61
2/9/61	Femur split	Lippincott Medical	R. Walton	2-392-61
2/61	PM's	Odartchenko Medical	N.Odartchenko	2-393-61 thru 2-396-61
2/14/61	Schematic	Pickart Physics	R. Fuka	2-397-61
2/15/61	~~Molecular~~ Model	S.Friedlander Chemistry	R.Walton	2-398-61
2/15/61	Graphs - Curve (Formula)	L. Meyer Medical	R. Fuka	2-399-61 thru 2-401-61
2/15/61	Graph - Curve (Formula)	Weiss Nuc.Eng.	R. Fuka	2-402-61 thru 2-403-61
2/15/61	Dial Face	A. Elia Instru.	R. Fuka	2-404-61
~~2/15/61~~	~~Curves on Sn-Fe Alloy~~ delete	~~J.Swan Physics~~	~~R. Fuka~~	~~2-405-61~~
2/14/61	Edison Day - Student visitors	Puleston Admin.	M.Rosen	2-405-61thru 2-407-61
2/15/61	Graph - Curve (Formula)	L.Meyer Medical	R. Fuka	2-408-61 thru 2-409-61

Date	Caption	Dept.	Photographer	Number
2/15/61	Electrolyte Charts	G.Schwarzer Instr.	R. Fuka	2-410-61 thru 2-413-61
2/15/61	Schematic* Electrical Analogue of Electrolytic Cell	G.Schwarzer Instru.	R. Fuka	2-414-61
2/13/61	Autopsy 151 (2)	Yammomoto Medical	R. Walton	2-415-61 thru C2-415-61 thru 2-419-61 C2-419-61
2/9/61	Autopsy 150	Lippincott Medical	R. Walton	C2-420-61 thr C2-421-61
2/16/61	Curve - Pt. T.S.	Schwartz Medical	R. Fuka	2-422-61
	Pt. R.G.			2-423-61
	Pt. J.M. - Pt. A.D.			2-424-61
	Pt. S.B.			2-425-61
	Pt. M.V.			2-426-61 thru 2-427-61
	Pt. S.T.			2-428-61 thru 2-429-61
	Pt. A.E.			2-430-61 thru 2-431-61
	Pt. B.R.			2-432-61 thru 2-433-61
2/16/61	Graph - Curve (Formula)	Sternheimer Physics	R. Fuka	2-434-61 thru 2-451-61
2/16/61	Curve - Straight Tube 50% D_2O	Slavin Chemistry	R. Fuka	2-452-61
	" Pinched Tube 50% D_2O			2-453-61
2/16/61	Pasteup of PM for Patent drawing	Belkin Patent Off.	R. Fuka	2-454-61
2/16/61	Schematic - Alphatron Pressure Gage	Slavin Chemistry	R. Fuka	2-455-61

Date	Caption	Dept.	Photographer	Number
2/16/61	Curve - Enthalpy-concentration diagram for $CaSO_4$-H_2O system	Masalan Nuc.Eng.	R. Fuka	2-456-61
2/16/61	Graph - Curve (Formula)	Schweitzer Nuc.Eng.	R. Fuka	2-457-61 th 2-461-61
2/16/61	Table - Arginine vasopression	Dr.Schwartz Medical	R. Fuka	2-462-61
2/16/61	Curve - % D2O Observed " % Error vs. Temp. of Scan C " % D2O Observed vs. %D2O Prepared	Slavin Chemistry	R. Fuka	2-463-61 2-464-61 2-465-61
2/16/61	Graph - Curve (Formula)	Sternheimer Physics	R. Fuka	2-466-61 thru 2-469-61
2/16/61	Schematic of Double Delay Line Schematic - Section of Double DelayLine	Schwarzer Instr.	R. Fuka	2-470-61 2-471-61
2/13/61	Sodium Loop	B.Mitchell Metallurgy	R. Fuka	2-472-61
2/17/61	Nuclear Chart	P. Colsman Reactor	R. Fuka	2-473-61
2/17/61	Typed Table - Primary Gamma Emitters in Reactor Workers & other Lab Personnel	Dr.Cohn Medical	R. Fuka	2-474-61
2/17/61	Curve - Density vs. Relative Intensity	Slavin Chemistry	R. Fuka	2-475-61
2/17/61	Graph - Curve - (Formula)	Porile Chemistry	R. Fuka	2-476- 61 thru 2-480-61
2/17/61	Passport Photo	Dr.Schwartz Medical	R. Walton	2-481-61
2/14/61	Pm Brain # 1 80X # 2 300X	Dr.Calvo Medical	R.F.Smith	2-482-61 2-483-61
2/7/61	Copy from Metal Disk	J. Kane Physics	H. Maile	2-484-61 thru 2-485-61

Date	Caption	Dept.	Photographer	Number
2/14/61	Pm Brain # 3 300X	Dr. Calvo Medical	R.F.Smith	2-486-61
	# 4 300X			2-487-61
	# 8 300X			2-488-61
	# 9 300X			2-489-61
	#10 300X			2-490-61
	#11 300X			2-491-61
	#12 300X			2-492-61
	#13 300X			2-493-61
	#14 300X			2-494-61
	#15 300X			2-495-61
	#16 300X			2-496-61
	#17 300X			2-497-61
2/15/61	Lecture series	Dr.Purcell Physics	R. Walton	2-498-61 thru 2-508-61
2/14/61	Food irradiation model	G.Nugent Nuc.Eng.	R. Walton	2-509-61
2/20/61	Schematic - Plan of Cyclone	Cowan	R. Fuka	2-510-61
	" Percentage Scale	H.P.		2-511-61
	" Hurricanes & Tropical Storms of 1954			2-512-61
	" Hurricanes & Tropical Storms of 1955			2-513-61
	Typed Table - Temp at BNL (1949-60) Jan.-July			2-514-61
	" " " " July-Dec.			2-515-61
	" Snowfall at BNL (1948-60) Nov.-April			2-516-61
	" Precipitation (1949-60) Jan.-June			2-517-61
	" " " July-Dec.			2-518-61
2/20/61	Graph - Curve (Formula)	Porile Chemistry	R. Fuka	2-519-61 thru 2-525-61
2/20/61	Graph - Mouse Intestinal Epithelium	Quastler Biology	R. Fuka	2-526-61

Date	Caption	Dept.	Photographer	Number
2/21/61	Curve - Calculated Mass-Yield Curves for Proton Interactions with copper	N.Porile Chemistry	R. Fuka	2-527-61
2/21/61	Curve - Concentration from City Sources	M. Smith	R. Fuka	2-528-61
	" Concentrations in ventilated cities	Meteor.		2-529-61
2/21/61	Schematic - AGS	R.King	R. Fuka	2-530-61
	" AGS Target Bldg.	Instr./HP		2-531-61
	" Linac & Adjoining Area			2-532-61
2/14/61	PM Brain # 5 300X	Dr.Calvo	R.F.Smith	2-533-61
	# 6 300X	Medical		2-534-61
	# 7 300X			2-535-61
	# 18 300X			2-536-61
	# 19 300X			2-537-61
	# 20 300X			2-538-61
	# 21 800X			2-539-61
	# 22 300X			2-540-61
	# 24 300X			2-541-61
	# 25 300X			2-542- 61
	# 26 300X			2-543-61
	# 27 300X			2-544-61
	# 28 300X			2-545-61
	# 29 800X			2-546-61
	# 30 800X			2-547-61
2/16/61	Mercury Loop Equipment	J.Brandon Metallurgy	R. Walton	2-548-61 thru 2-550-61
2/16/61	Safety glasses with new side protector	B.Young	R. Walton	2-551-61
	Safety strap & clamp for gas cylinders	HP/Safety		2-552-61
2/16/61	Femur	Dr.Jansen Medical	R. Walton	2-553-61 thru 2-554-61
2/21/61	Boring Mill (Machine Shop)	V.Brown Personnel	M. Rosen	2-555-61

Date	Caption	Dept.	Photographer	Number
2/23/61	Graph (Formula)	Pickup Physics	R. Fuka	2-556-61 thru 2-567-61
2/23/61	Graph - Production & Day for Nn Isobar " CM Angular Dist. of Nucleons	Pickup Physics	R. Fuka	2-568-61 thru 2-569-61
2/16/61	Corn 6X	Dr.H.Smith Biology	R.F.Smith	2-570-61
2/21/61	PM Tissue 32X PM Autograph 320X	Quastler Biology	R.F.Smith	2-571-61 thru 2-572-61 2-573-61 thru 2-576-61
2/23/61	Curve - Fig. 2 Survival time of mice after whole body irradiation	Quastler Biology	R. Fuka	2- 577-61
2/23/61	Graph - Survival time after partial irradiation Curve - Complementary effect of 2 irradiations Table - Relevance Criteria	Quastler Biology	R. Fuka	2-578-61 2-579-61 2-580-61
2/23/61	Schematic - RNA vs DNA " Pyrimidine Nucleotide " of Template	Quastler Biology	R. Fuka	2-581-61 2-582-61 2-583-61
2/23/61	Curve - Patient KLE & Patient MAS " Gamma Ray Spectra of PlasticMan " Retention of Sr-85 following I.V. Administration, etc.	Cohn Medical	R. Fuka	2-584-61 2-585-61 2-586-61
2/23/61	Schematic - Rotary Calciner Seal	Domish Nuc.Eng.	R. Fuka	2-587-61
2/23/61	Schematic - Angular Frequency " (Formula)	Mozer Physics	R. Fuka	2-588-61 2-589-61

Date	Caption	Dept.	Photographer	Number
2/8/61	PM Fern (2)	Dr. Mericle Biology	R.F.Smith	2-590-61 C2-590-61
2/8/61	PM Fern	Dr. Mericle Biology	R.F.Smith	C2-591-61
2/23/61	Tracers from Polaroid Print	C. Nielsen Cosmotron	R. Fuka	2-592-61 thr 2-595-61
2/23/61	Schematic - Structural & Functional Unit	Quastler	R. Fuka	2-596-61
	Typed Table - Cylopenia & Acytosis	Biology		2-597-61
	Table - Radiation Physics, Chemistry			2-598-61
	" Histology, Cytology vs. Cell Population Kinetics			2-599-61
	" Organelles: Chromosome Chromatid			2-600-61
	" Organ: Gut & Unit: Enteron of Mouse			2-601-61
2/21/61	Chassis	G. Pitcher Reactor	R. Walton	2-602-61 thr 2-605-61
2/16/61	PM Chromosomes 1000X	V. Pond Biology	R.F.Smith	2-606-61
2/23/61	PM from Slide Original	A. Carsten HP	R. Fuka	2-607-61 thr 2-611-61
2/24/61	Schematic - Slab Lattice Sect. Fig.1	Takahashi	R. Fuka	2-612-61
	Curve - Neutron Spectra Fig.4	Nuc.Eng.		2-613-61
	" Neutron Spectra in Moderator.			2-614-61
	" Neutron Spectra in Fuel			2-615-61
2/24/61	X-Ray	Lippincott Medical	R. Fuka	2-616-61 thr 2-617-61
2/24/61	Curve-Insulin Infusion 0.15 U/kg/hr	B. Steele Biology	R. Fuka	2-618-61
	" " " 0.067 U/kg/hr			2-619-61
	" " " 0.17 U/kg/hr			2-620-61
	" " & Plasma, etc.			2-621-61

Date	Caption	Dept.	Photographer	Number
2/24/61	Schematic - Diagram of Ranque vartex tube operation	A.Goland Physics	R. Fuka	2-622-61
	Heating & Cooling curve for Benzoic acid			2-623-61
	Heating & Cooling curve for 25g Alum.Sample			2-624-61
	Heating & Cooling curve for Adipic acid			2-625-61
	Schematic - Vortex tube			2-626-61
2/24/61	Percent Survival vs. Days	Curtis Biology	R. Fuka	2-627-61
2/24/61	X-Ray	Dr.Fine Medical	R. Fuka	2-628-61 thru 2-636-61
2/24/61	Copy of Color Transparency of PM	Quastler Biology	R. Fuka	2-637-61
2/24/61	Schematic	Van Slyke Medical	R. Fuka	2-638-61
2/27/61	Curve - Neutron Energy, Mev	Bateman Medical	R. Fuka	2-639-61
2/27/61	Curve - Inserted Delay vs. Position Centroid	Russell Physics	R. Fuka	2-640-61
2/23/61	PM Plant Tissue # 1 80X	Miksche Biology	R.F.Smith	2-641-61
	# 2 200X			2-642-61
	# 3 80X			2-643-61
	# 4 200X			2-644-61
	# 5 80X			2- 645-61
	# 6 200X			2-646-61
	# 7 80X			2-647-61
	# 8 200X			2-648-61
	# 9 80X			2-649-61
	#10 200X			2-650-61
	#11 80X			2-651-61
	#12 200X			2- 652-61
2/23/61	Magnet Sections	B.Link ADD	M. Rosen	2-653-61 thru 2-659-61

Date	Caption	Dept.	Photographer	Number
2/28/61	Curve - Dropping Mercury Polarographic Wave	A.Elia Instr.	R. Fuka	2-660-61
2/23/61	80" Bubble Chamber Constru. Progress	Dick Brown	M. Rosen	2- 661-61
	A.G.S. Ext. Constr. Progress	Stone/Webster		2-662-61 thru 2-667-61
2/28/61	Curve - Temp. changes in a 2" Diameter channel with time	Schweitzer Nuc.Eng.	R. Fuka	2-668-61
2/28/61	Curve - Figure 1	Katcoff Chemistry	R. Fuka	2-669-61
	Figure 2			2-670-61
	Figure 3			2-671-61
	Figure 4			2-672-61
	Figure 5			2-673-61
	Figure 6			2-674-61
	Figure 7			2-675-61
	Figure 8			2-676-61
	Figure 9			2-677-61
2/28/61	Curve- XmolFex106 vs. Temp. K	N.Elliott Chemistry	R. Fuka	2-678-61
2/28/61	Curves	Robertson Medical	R. Fuka	2-679-61
2/28/61	Curve - Daily dose required to produce severe growth inhibition	Sparrow Biology	R. Fuka	~~2-680-61~~ DELETED AS PER R. SPARROW 2/19
2/28/61	Curve - Formula	Schweitzer Nuc.Eng.	R. Fuka	2-681-61 thru 2-687-61
2/28/61	Copy of Composite Pasteup	Reizenstein Medical	R. Fuka	2-688-61
2/28/61	Schematic - Possibilities of the active site of Phosphoglucomutase	Yankeelov Biology	R. Fuka	2-689-61
	Curve - Difference Spectra of Phosphoglucomutase in the presence of Phosphate Esters			2-690-61

Date	Caption	Dept.	Photographer	Number
2/28/61	Curve - Inactivation of Phosphoglucomutase by Iodoacetate	Yankeelov Biology	R. Fuka	2-691-61 thr 2-692-61
	Curve - Inactivation of Phosphoglucomutase by Iodoacetamide			2-693-61 thr 2-694-61
	Curve - Effect of Glucose-6-Phosphate on limited inactivation of Phosphoglucomutase by Iodoacetamide			2-695-61
	Curve - Effect of Glucose-6-Phosphate on inactivation of Phosphoglucomutase by Iodoacetamide.			2-696-61
	Curve - Effect of Glucose-6-Phosphate on the inactivation of Phosphoglucomutase using a normalized assay.			2-697-61
	Curve -Difference Spectra of Phosphoglucomutase in Presence of Phosphate esters after pretreatment with glucose-6-Phosphate.			2-698-61

March

Date	Caption	Dept.	Photographer	Number
3/1/61	Curve - (Formula)	N.Porile Chemistry	R. Fuka	3-1-61 thru 3-3-61
3/2/61	Typed Table - Recoil Expressions	N.Porile Chemistry	R. Fuka	3-4-61 (3-4-6
3/2/61	Typed Table - Structure of Phosphate Esters.	Yankeelov Biology	R. Fuka	3-5-61
	" - Sequences of Phosphoglucomutase Action.			3-6-61
	" - Substrates of Phosphoglucomutase.			3-7-61
	" - Carboxymethylation.			3-8-61
	" - Limited Alkylation of Phosphoglucomutase.			3-9-61
	" - Amino Acid Derivatives formed by treatment of Phosphoglucomutase with Iodacetamide.			3-10-61
3/2/61	Typed Table - Radioactivity Comparison	Forr estt Nuc.Eng.	R. Fuka	3-11-61
3/2/61	Curve - Concentration (Arbitrary Units) vs. Time in Hours	Woods Biology	R. Fuka	3-12-61
	" Amount of Label/Cell Compartment vs. Hrs. of growth in unlabeled cytidine & uridine suppemented medium.			3-13-61
	" Grainsper unit area vs. Hrs. of growth in unlabeled cytidine & uridine supplemental medium.			3-14-61
3/2/61	Curve - Chlorpromazine Semiquinone Radical	Dr.Borg Medical	R. Fuka	3-15-61
	" Titration of Phenothiazine Drugs			3-16-61
	" Dilution of Colored Product from Chlorpromazine.			3-17-61
	" Oxidative Titrations			3-18-61 thr 3-19-61

Date	Caption	Dept.	Photographer	Number
3/2/61	Schematic - Fig.25 - (White Rat)	Dr.Innes Biology	R. Fuka	3-20-61
3/2/61	Typed Table - Paremeters affecting Reaction Rates	Yankeelov Biology	R. Fuka	3-21-61
3/1/61	Alignment Target	B.DeVito AGS	R. Fuka	3-22-61
2/23/61	Pigs Ears	Dr.Calvo Medical	R. Walton	3-23-61
2/27/61	Dr. Anderson (At Pile)	Anderson Dir.Office	M. Rosen	3-24-61
3/2/61	Graph - Nusselt No. vs. Peclet No.	O.Dwyer Nuc.Eng.	R. Fuka	3-25-61 thru 3-28-61
3/2/61	Graph	M.Schwartz Co smotron	H. Maile	3-29-61
3/3/61	Schematic - Fig. 6. The chromosome complements of the plants studied.	Sparrow Biology	R. Fuka	3-30-61
3/3/61	Schematic	Ballentine Nuc.Eng.	R. Fuka	3-31-61
	" - Conversion Catalyst			3-32-61
	Curve - Sequence of Measurements			3-33-61
	" Irradiation Temp.			3-34-61
	" Time in Min. for 50% Conversion			3-35-61
	" Sample 0.76 gms			3-36-61
	" Vol. of CO absorbed vs. Pressure in Microns.			3-37-61
	" Volume of H2 absorbed			3-38-61
	" Relative intensity of ESR Signal			3-39-61 thru 3-40-61
3/2/61	Copy of Keystone Slide (Diagram of atom)	Falk Adm.	H. Maile	3-41-61
3/3/61	Schematic Drawing	Polk AGS	R. Fuka	3-42-61 thru 3-44-61

Date	Caption	Dept.	Photographer	Number
3/3/61	Curve - In S vs. n	Ribnikar	R. Fuka	3-45-61
	" Production Rate cc Gas/HR	Chemistry		3-46-61
2/27/61	Calf Liver	Dr. Nielsen Medical	M. Rosen	3-47-61
3/3/61	Table - regard Animals	Dr. Bond Medical	R. Fuka	3-48-61
3/3/61	Table - Radiation Data	Bateman	R. Fuka	3-49-61
	" Radiation Data	Medical		3-50-61
	" Animal Data			3-51-61
3/3/61	Schematic of "X" Chassis	Schwarzer Instr.	R. Fuka	3-52-61
3/3/61	Schematic of DC-101 Reactor	Hendrie Nuc.Eng.	R. Fuka	3-53-61
3/3/61	Composite Schematic of Fuel Element "D" & "J"	Hendrie Nuc.Eng.	R. Fuka	3-54-61
3/3/61	Schematic of Apparatus	Dr. Fong	R. Fuka	3-55-61
	Table 2 - Effect of Hypophysectomy	Medical		3-56-61
3/3/61	Tracers - Increasing Neg. Potential	Auerbach Hot Lab	R. Fuka	3-57-61 thru 3-60-61
3/3/61	MC-5000 with right angle valve.	C. Gould	R. Fuka	3-61-61
	Schotts representation of Guericke's early pump.	AGS		3-62-61
2/24/61	Boiler Plant Bldg. Extension Progress	Campagnone	M. Rosen	3-63-61
	High Energy Rad. Lab. Const. Progress	AEC		3-64-61
	Physics Building Construction Progress			3-65-61 thru 3-68-61
	Nuc. Eng. Bldg. Construction Progress			3-69-61 thru 3-71-61

Date	Caption	Dept.	Photographer	Number
3/6/61	Diagram - Lactam Analogue	Reizenstein	K. Meyn	3-72-61
	Graph - CPM/Gram Tissue	Medical		3-73-61
	" Cobalamin Bound			3-74-61
	" Cyanocobalamin as Blocker			3-75-61
	" B12 Binding without competitor			3-76-61
	" B12 binding without blocker			3-77-61
3/1/61	Capsule Leak detector	D. Huszagh Nuc.Eng.	R. Walton	3-78-61 thru 3 - 80-61
3/6/61	Composite - Photomultiplier Tubes	Reizenstein Medical	K. Meyn	3-81-61
3/6/61	Table - Graphite Reactor	H. Kouts	K. Meyn	3-82-61
	" "How big should we make the core?"	Nuc.Eng.		3-83-61
	" Thermal Neutrons Have			3-84-61
	" Features of Fission			3-85-61
3/6/61	Diagram - Neutral Axis	Dr.Tonna Medical	K. Meyn	3-86-61
3/6/61	Diagram - Molecular Potential	Goudsmit	K. Meyn	3-87-61
	" Potential for row of molecules	Physics		3-88-61
	Table - Lennard Jones Potential and melting temperature.			3-89-61
3/6/61	Diagram - Polarographic Cell	Auerbach	K. Meyn	3-90-61
	Diagram - E (A)	Hot Lab		3-91-61
3/6/61	Graph - Heat Flux thru outside Faces	E.Daniels Nuc.Eng.	K. Meyn	3-92-61
3/6/61	Graph - % of injected or absorbed dose	Reizenstein	K. Meyn	3-93-61
	" Integral counts/4ml & 5 min.	Medical		3-94-61
3/6/61	Graph - Trypsin Glow Curve	Augenstine	K. Meyn	3-95- 61
	" L-Tryptophan (Shallow Peak)	Biology		3-96-61
	" Protiated Spores Glow Curve			3-97-61
	" L-Phenylalanine Glow Curve			3-98-61
	" L-Tyrosine Glow Curve			3-99-61

Date	Caption	Dept.	Photographer	Number
3/6/61	Graph - L-Tryptophan Glow Curve (Sharp Peak)	Augenstine Biology	K. Meyn	3-100-61
3/2/61	Furnace	J.Tassinari HotLab	R. Walton	3-101-61
3/1/61	Rupture in Loop	T.Romano Nuc.Eng.	R. Walton	3-102-61 thru 3-104-61
3/1/61	Monkey Brain	Dr.Innes Biology	R. Walton	3-105-61 thru 3-115-61
3/1/61	Rat Brain	Dr.Innes Biology	R. Walton	3-116-61
3/3/61	Chassis	B.Chase Instr.	R. Walton	3-117-61 thru 3-118-61
3/7/61	Observations on 44 Rats - Table	Dr.Dahl Medical	K. Meyn	3-119-61
3/7/71	"Arkiv For Fysik Band 0 nr 3477"	Von Koch		
	Figure 1 Page 003	Chemistry	K. Meyn	3-120-61
	Figure 2 Page 007			3-121-61
	Figure 3 Page 015			3-122-61
	Figure 4 Page 019			3-123-61
	Table 2 Page 014			3-124-61
3/7/61	Photostat Original	Von Koch Chemistry	K. Meyn	3-125-61
3/7/61	Table - Analysis of Sea Salt	Dr.Dahl Medical	K. Meyn	3-126-61
3/7/61	Graph - 16 hrs. at 120 v/36 cm	Dr.Cotzias	K. Meyn	3-127-61
	" 20 hrs. at 120 v/36 cm	Medical		3-128-61
3/7/61	Graph - Traverse through Hot Channel	E.Daniels Nuc.Eng.	K. Meyn	3-129-61
~~3/7/61~~	~~Copy of 16" x 20" Print~~	~~Dr.Hendrie Nuc.Eng.~~	~~K. Meyn~~	~~3-130-61~~
3/7/71	Table - (K = Double Layer Capacity)	Auerbach Hot Lab	K. Meyn	3-130-61

Date	Caption	Dept.	Photographer	Number
2/28/61	PM Path - # 1 80X (2) Color	Dr. Calvo	R.F.Smith	3-131-61
	2 80X ON EACH	Medical		3-132-61
	3 80X			3-133-61
	4 80X			3-134-61
	5 1000X			3-135-61
	6 480X			3-136-61
	7 120X			3-137-61
	8 300X			3-138-61
	9 80X			3-139-61
	10 200X			3-140-61
	12 80X			3-141-61
	13 80X			3-142-61
	14 80X			3-143-61
	15 80X			3-144-61
	16 80X			3-145-61
	17 200X			3-146-61
	18 480X			3-147-61
	19 80X			3-148-61
	20 480X			3-149-61
	21 80X			3-150-61
	22 480X			3-151-61
	23 80X			3-152-61
	24 120X			3-153-61
	25 120X			3-154-61
	26 80X			3-155-61
	27 480X			3-156-61
	28 80X			3-157-61
	29 480X			3-158-61
	30 300X			3-159-61
2/28/61	Fission Pre Amp	C. Boulin Instr.	R.F. Smith	3-160-61 th
				3-161-61
3/3/61	Princeton Ke 3 Expt.	Fitch Cosmotron	M. Rosen	3-162-61 th
				3-163-61

Date	Caption	Dept.	Photographer	Number
3/3/61	Furnace	W. Becker Nuc.Eng.	R. Walton	3-164-61 thru 3-173-61
3/6/61	Archery Photo (Pin-up - Pam Bewick Bubble Chamber)	G.Sabine Personnel	M. Rosen	3-174-61
3/3/61	Food Irradiation Tank	A.Oltmann Nuc.Eng.	M. Rosen	3-175-61 thru 3-178-61
2/28/61	Brain A-151	Dr.Calvo Medical	M. Rosen	3-179-61 thru 3-203-61
3/8/61	Glassware	J.Tassanari Nuc.Eng.	R. Walton	3-204-61
3/9/61	Graph - Time after Adm. of H3C	Dr.Bond	K. Meyn	3-205-61
	" Time after Adm. of H3Th	Medical		3-206-61
	" Time after H3Th Adm.			3-207-61
	" Time after H3C Adm.			3-208-61
3/8/61	Table - Absorption of Cholesterol	Dr.Dahl	K. Meyn	3-209-61
	" Elevation of Plasma, etc.	Medical		3-210-61
	" Incorporation of Na Acetate			3-211-61
	" Effect of sodium restriction,etc.			3-212-61
3/9/61	Graph - Spectrometer Angle	V.Sailor	K. Meyn	3-213-61
	" Resolution Corrections	Nuc.Eng.		3-214-61
	" Calculated Peak Cross Section			3-215-61
	" Total Cross Section - Barns			3-216-61
	" Cross Section - Barns			3-217-61
	" Total Cross Section			3-218-61
3/9/61	Graph - Thermoluminescence fromTyrosine	Augenstine	K. Meyn	3-219-61
	" T " " Phenylalanine	Biology		3-220-61
	" " " Tryplophan			3-221-61
	" " " Trypsin			3-222-61
	" " " Spores of Bacillus Megaterium.			3-223-61

Date	Caption	Dept.	Photographer	Number
3/9/61	Graph - Defect Concentration X105	Dienes	K. Meyn	3-224-61
	" " " X106	Physics		3-225-61
3/9/61	Drawing of Polaroid	Robertson Medical	K. Meyn	3-226-61
3/9/61	Fig. 2 - Cobalt Loading Arrangement	L.Adler	K. Meyn	3-227-61
	Fig. 2 - BNL - 15 Source Capsule	Nuc.Eng.		3-228-61
	Fig. 3 - Cross Section Loaded ETR Shipping Cask.			3-229-61
3/9/61	Typed Table - Table VII HFBR Design	Hendrie Nuc.Eng.	K. Meyn	3-230-61
3/9/61	Graph - Burnout Heat Flux	Hendrie Nuc.Eng.	K. Meyn	3-231-61
3/9/61	Graph - 8Z	Frazer	K. Meyn	3-232-61
	" B	Physics		3-233-61
3/9/61	Graph - a/2n	K.Chew	K. Meyn	3-234-61
	" a/n	Chemistry		3-235-61
3/9/61	Schematic - Possible Beam tube configurations.	H.Kouts Nuc.Eng.	K. Meyn	3-236-61
3/9/61	Graph - Fig.1 Page 59 - Radiations from Radioactive Atoms.	Sparrow Biology	K. Meyn	3-237-61
3/9/61	Graph - Per Cent of Administered Dose	Hankes Medical	K. Meyn	3-238-61
3/9/61	Schematic - Glass Bell Jar	Dr. Fong Medical	K. Meyn	3-239-61
3/9/61	Table - Constants in equations (2)	P. Levy	K. Meyn	3-240-61
	" Absorption Brands in Al 2 O3	Physics		3-241-61
	" Stages in the Annealing of the Reactor induced color centers in AL2O3.			3-242-61

Date	Caption	Dept.	Photographer	Number
3/9/61	Graph - Percent Induced " Percent Induction	M.Levine Biology	K. Meyn	3-243-61 3-244-61
3/9/61	Graph - J.K. " H.F. " L.W. " A.W.	Dr.Bond Medical	K. Meyn	3-245-61 3-246-61 3-247-61 3-248-61
3/9/61	Graph -Plasma Cholesterol	Dr.Dahl Medical	K. Meyn	3-249-61
2/24/61	PM Path 1000X (1) PM Path 80X (1) PM Path 1000X (1) PM Path 80X (1)	Dr.Innes Biology	R.F.Smith	3-250-61 C3-250-61 3-251-61 C3-251-61 3-252-61 C3-252-61 3-253-61 C3-253-61
2/24/61	PM Path 80X Micro of Rat Spinal Cord	Dr.Innes Biology	R.F.Smith	3-254-61 3-255-61
3/9/61	Horses Tail 4th & 5th Segments of the Spinal Cord	Dr.Innes Biology	K. Meyn	CN 3-256-61 CN 3-257-61
3/9/61	PM 480X	Lippincott Medical	R.F.Smith	CN 3-258-61
3/2/61	Brain Sections (5)	Dr.Calvo Medical	R. Walton	C3-259-61 thru C3-260-61
3/8/61	Ancient Glass	E.Sayre Chemistry	R. Walton	3-261-61 thru 3-266-61
3/6/61	Pig (3) Pig # 2 (3)	Dr.Jansen Medical	R. Walton	3-267-61 C3-267-61 3-268-61 C3-268-61
3/13/61	Table - Digest of course and result on neutron capture therapy run #57	Dr.Farr Medical	K. Meyn	3-269-61

Date	Caption	Dept.	Photographer	Number
3/13/61	Graph - Formula	Damask Physics	K. Meyn	3-270-61 thru 3- 276-61
3/13/61	Diagram - Pentavacancies	Vineyard Physics	K. Meyn	3-277- 61
	" Septavacancy			3-278-61
	" Di-Interstitials			3-279-61
	" Tetravacancies			3-280-61
	" Trivacancies			3- 281-61
	" Divacancies			3-282-61
3/13/61	Diagram - Timing Diagram	Schwarzer Instr.	K. Meyn	3-283-61
	" "Y" Drive totaling 33 stages			3-284-61
3/13/61	Graph - Colon Epithelium	Quastler Biology	K. Meyn	3-285-61
3/13/61	Graph - Formula	VonKoch Chemistry	K. Meyn	3-286-61 thru 3-287-61
3/10/61	Power Supply	D. Miller Instr.	R. Walton	3-288-61 thru 3-290-61
3/9/61	Pigs Ear # 3 (3)	Dr. Jansen Medical	R. Walton	3-291-61 thru C3-291-61 thru 3-292-61 C3-292-61
3/13/61	Beta & Gamma Emission from Oriented Nuclei.	Postma Reactor	K. Meyn	
	Figure III.1 Page 34			3-293- 61
	Figure II.2 Page 16			3-294-61
	Figure II.1 Page 14			3-295-61
	Circular polarization of Gamma Rays Emitted from Oriented Nuclei.			
	Figure 43 Page 105			3-296-61
	Figure 23 Page 68			3-297-61
	Schematic - Depole Transitions			3-298-61
	" Heat Conduction			3-299-61
	Diagram - Formula			3-300-61

Date	Caption	Dept.	Photographer	Number
3/10/61	Corrosion Samples	B.Isler Nuc.Eng.	R.F.Smith	3- 301-61
3/8/61	Bubble Chamber	McLaughlin Cosmotron	M. Rosen	3-302-61
3/9/61	Para-Magnetic Salt	J.Smolski	M. Rosen	3-303- 61 th
		Reactor		3-304-61
3/13/61	Graph - Corresponding values for	J. Jack		
	Reactor Irradiated Samples.	Physics	K. Meyn	3-305-61
	" Cube Law Parameters (MIN-1)			3-306- 61
	" Fraction of total decomposition			3-307-61
	" Y-Irradiated			3-308-61
	" Formula			3-309-61
3/14/61	~~Table----Mouse-Carcoma-implanted void------in muscle void----------~~	~~Farr Medical~~	~~K.Meyn~~	~~3-310-61~~
3/14/61	Schematic - Center of Graph	Hendrie Nuc.Eng.	K. Meyn	3-310-61
3/14/61	Table - Hazards	Dr.Fine	K. Meyn	3-311-61
	" Factors to be considered in	Medical		
	Isotope Administration.			3-312-61
	Insert Table 1, page 31 of "Radiation			
	Safety Guide".			3-313-61
	Table 3 of "Safe Handling of Bodies			
	containing Radioactive Isotopes"			3-314-61
	Table 1, page 4 of "Control & Removal			
	of Radioactive contamination in Lab.			3-315-61
3/14/61	Graph - Relative Reaction Rate	MLevine	K. Meyn	3-316-61
	" Average Flux	Nuc.Eng.		3-317-61
	" Average Vessel Flux			3-318-61
	" No. of Sources with Build-up.			3-319-61
	" Distance from point source.			3-320-61
	" Cell Function u vs. Cell Size.			3-321-61

Date	Caption	Dept.	Photographer	Number
3/14/61	Graph - Pollen Grains per M3	Raynor	K. Meyn	3-322-61
	" 1400 July 27 to 1400 July 28,'60	Meteor.		3-323-61
3/14/61	Diagram - Block Diag. Control Circuits	Schwarzer Instr.	K. Meyn	3-324-61
3/14/61	Table - Process	Dienes	K. Meyn	3-325-61
	" In the low temp. part, etc.	Physics		3-326-61
	" The total vacancy concentration, etc.			3-327- 61
	" Steady state solution for diinterstitial problem.			3-328-61
3/14/61	Table- Formula	Dienes Physics	K. Meyn	3-329-61 thru 3-335-61
3/14/61	Diagram - Drive - Univibrator	Schwarzer Instr.	K. Meyn	3-336-61
3/14/61	Schematic - Vertical Section	W. Robba	K. Meyn	3-337-61
	" Vertical Section	Nuc. Eng.		3-338-61
3/14/61	Graph - Formula	A. Damask	K. Meyn	3- 339-61
	" Formula	Physics		3-340-61
3/14/61	Table - K=contracting envelope speed.	J. Jack Physics	K. Meyn	3-341-61
3/14/61	Table - C-W Range of Validity	Fraizer Physics	K. Meyn	3-342-61
3/14/61	Graph - g (w)	Mozer	K. Meyn	3-343-61
	" -3 wd	Physics		3-344-61
3/14/61	Graph - Heat Treatment	Ballentine Nuc. Eng.	K. Meyn	3- 345-61
3/14/61	Graph - 1,2 - 2,3 - 3,1	P.J. Brown	K. Meyn	3-346- 61
	" 1 - 2 - 3	Physics		3-347-61
	" Fe SO4			3-348-61
	" Neutron counts at 4.2 K			3-349-61
	" Co SO4			3-350- 61

Date	Caption	Dept.	Photographer	Number
3/15/61	Diagram- To Indexing Mechanism	Hendrie	K. Meyn	3-351-61
	" Cables to Tether Bonnet	Nuc.Eng.		3-352-61
3/14/61	Schematic - Driving Rod	VanSlyke Medical	K. Meyn	3-353-61
3/10/61	Metal Sample	Frank Mo BubbleChamber	M. Rosen	3-354-61
3/9/61	Dummy eye, used in Rabbit Radiation Experiments.	Stickley Medical	R. Walton	3-355-61
	Radiating rabbits with X-Ray.			3-356-61 thru 3-357-61
	Radiating rabbits in Medical Reactor			3-358-61 thru 3- 360- 61
3/15/61	Schematic - Plan 3rd Floor	Maslan	K. Meyn	3-361-61
	Table - Capital Cost Summary, Table I	Nuc.Eng.		3-362-61
	" Annual Costs, Table 2			3-363-61
3/15/61	" Endeavor", Oct. '60 - Fig. 1, page 211	Goldhaber	K. Meyn	3-364-61
	"Microscopic tests of Symmetry Principles"	Physics		
	Table 1 page 1308 1st left			3-365-61
	Table 1 page 1308 2nd left			3-366-61
	Table 1 page 1308 3rd left			3-367- 61
	Table 1 page 1308 4th left			3-368-61
	Bottom of page 1308			3-369-61
3/15/61	Schematic - Core Bypass valve system	Hendrie	K. Meyn	3-370-61
	" Air Pressure Sequence	Nuc.Eng.		3-371-61
3/2/61	Focus on Grains 160X Roll 1 # 1	Dr.Cronkite	R.F.Smith	3-372-61
	" " Tissue 160X Roll 1 2	Medical		3-373-61
	" " Grains 160X 1 3			3-374-61
	" " Tissue 160X 1 4			3-375-61
	" 160X 1 5			3-376-61
	40X 1 6			3-377-61
	Focus for Grains 160X 1 7			3-378- 61
	Focus on Tissue 160X 1 8			3-379-61

Date	Caption				Dept.	Photographer	Number
3/2/61	Focus for Grains	160X	Roll 2	# 1	Dr.Cronkite	R.F.Smith	3-380-61
	" " Tissue	160X	2	2	Medical		3-381-61
		40X	2	3			3-382- 61
		40X	2	4			3-383- 61
	Focus for Grains	160X	2	5			3-384-61
	" " Tissue	160X	2	6			3-385-61
		40X	2	7			3-386-61
	Focus for Grains	160X	2	8			3-387-61
	" " Tissue	160X	2	9			3-388-61
		40X	3	1			3-389-61
	Focus for Grains	160X	3	2			3- 390-61
	" " Tissue	160X	3	3			3-391-61
		40X	3	4			3- 392-61
	Focus for Grains	160X	3	5			3-393-61
	" on Tissue	160X	3	6			3-394-61
		40X	3	7			3-395- 61
	Focus for Grains	160X	3	8			3-396-61
	" " Tissue	160X	3	9			3-397-61
		40X	4	1	(1)		3-398-61 C3-398- 61
		40X	4	2	(1)		3-399-61 C3-399-61
		40X	4	3	(1)		3-400-61 C3-400-61
	Focus for Grains	160X	4	4	(1)		3-401-61 C3-401- 61
	" " Tissue	160X	4	5	(1)		3-402-61 C3-402-61
		40X	4	6	(1)		3- 4 03-61 C3-403-61
		40X	4	7	(1)		3-404-61 C3-404- 61
		40X	4	8	(1)		3-405- 61 C3-405-61
		40X	5	1	(1)		3-406- 61 C3-406-61
		40X	5	2			3-407-61
		40X	5	3			3-408-61
		40X	5	4			3-40 9-61
		25.6X	5	5			3-410-61
		25.6X	5	6			3-411-61
		40X	5	7			3-412-61
		40X	5	8			3-413-61
	Focus for Grains	160X	5	9			3- 414-61
	" " Tissue	160X	5	10			3-415-61

Date	Caption	Dept.	Photographer	Number
3/16/61	Graph - Formula	Tassinari Nuc.Eng.	K. Meyn	3-416- 61 thr 3-417-61
3/16/61	Graph - Wn	Wahab Physics	K. Meyn	3-418-61
	" X 10 -9 sec			3- 419-61
	" Rn (t)			3-420-61
	" N=100			3-421- 61
	" N=20			3- 422-61
	" Formula			3-423- 61
3/16/61	Table - Spectrum	Mozer Physics	K. Meyn	3-424- 61
	" Harmonic Approximation			3-425- 61
3/13/61	Cloud Chamber Model	J.Scheliga Bubble Chamber	M. Rosen	3-426-61 thru 3-429-61
3/15/61	Basketball Team	G.Sabine Personnel	M. Rosen	3-430- 61
3/13/61	Food Irradiation Tank	B. Brown Personnel	M. Rosen	3-431-61
3/16/61	"Helvetica Chimica Acta" - Fig.3,p.87	Bigeleisen Chemistry	K.Meyn	3-432-61
3/16/61	Graph - Exchange Equilibrium	Bigeleisen Chemistry	K. Meyn	3-433-61
3/13/61	Hot Cell	Banslaben Hot Lab	R. Walton	3-434-61
3/13/61	Alpha Pulse Height Counter	Banslaben Hot Lab	R. Walton	3-435-61 thru 3-438-61
~~3/20/61~~	~~Water Cooled Core - Schematic~~ delete	~~Stickley Medical~~	~~K. Meyn~~	~~3-439-61~~
3/6/61	PM Tissue Culture 320X #1	Dr.Drew Medical	R.F.Smith	3-440-61
	" " " " # 2			3-441-61
	" " " " #3			3-442-61
	" " " " #4			3-443-61
	" " " " #5			3-444-61
	" " " " #6			3-445-61

Date	Caption	Dept.	Photographer	Number
3/17/61	"Lines to be reduced to 7/16"	Leipuner Cosmotron	K . Meyn	3-446-61
3/20/61	Schematic - Assembly Thermal Neutron Facility	Dr.Farr Medical	K. Meyn	3-447-61
3/20/61	Schemati c - Water Cooled Core A	Stickley Medical	K. Meyn	3-448-61
	" " " B			3-449-61
	" " " C			3-450-61
3/14/61	Hi-Flux Reactor Critical Assembly Tank	F.Pallas Nuc.Eng.	M. Rosen	3-451-61 thru 3-452-61
3/17/61	Unit # 80,126	Papavasiliou Medical	R. Walton	3-453-61 thr 3-454-61
3/16/61	Pig # 4 (4)	Dr.Jansen Medical	R. Walton	3-455-61 thr C3-455-61 thr 3-456-61 C3-456-61
3/16/61	Fuel Elements	P.Colsmann Reactor	M. Rosen	3-457-61
3/17/61	# 1 thru #10	G.Raynor Meteorology	R. Walton	3-458- 61 thr 3-467-61
3/7/61	PM Pollen 80X	Dr.Brewbaker Biology	R.F.Smith	3-468- 61 thr 3-472-61
	PM Pollen 480X			3-473-61 thru 3-474-61
	PM Pollen 1200X			3-475-61 thru 3-477-61
3/8/61	Rat Spine	Dr.Innes Biology	R .F.Smith	3-478-61 thru 3-479-61
3/21/61	Polaroid Original	B.Young Safety	K. Meyn	3-480-61 thru 3-484- 61
3/21/61	Polaroid Original	Barton Cosmotron	K. Meyn	3-485-61 thru 3-486-61

Date	Caption	Dept.	Photographer	Number
3/21/61	Schematic - Air Free Solution	VanSlyke Medical	K. Meyn	3-487-61
3/21/61	Schematic - Water Cooled Core D " " " E	Stickley Medical	K. Meyn	3- 488-61 3-489 -61
3/21/61	Graph - Random Reactivity input system	Rajagopal Nuc.Eng.	K. Meyn	3-490- 61
3/21/61	Graph - Target Mass Number	Hudis Chemistry	K. Meyn	3-491-61
3/21/61	Graph - Time after injection	J.Klein Biology	K. Meyn	3- 492-61
3/20/61	Clarence Robbins showing cracked Safety Glasses.	S. Earle Safety	R. Walton	3-493-61
3/20/61	Chassis	Sugarman Electronics	R. Walton	3-494-61 thru 3-496-61
3/17/61	Filter Can Assembly	VanDevort Physics	R. Walton	3-497-61 thru 3-498-61
3/21/61	Graph - X-Rays and Neutrons	Nathans Physics	K. Meyn	3-499-61
3/21/61	Graph - Copy of Print	Alperin Physics	K. Meyn	3- 500-61
3/21/61	Graph - Daily Background Variation of BNL.	Dr.Cohn Medical	K. Meyn	3-501-61
3/21/61	Vibrations of Isotopic Molecules - Table 3 Page 698	Bigeleisen Chemistry	K. Meyn	3-502-61
3/21/61	Graph - Outflow to Tissues " Inflow from Liver " Plasma Glucose " Normal Dog " Glycogen Labeling Procedure	B.Steele Biology	K. Meyn	3- 503-61 3-504-61 3-505-61 3-506-61 3-507-61

Date	Caption	Dept.	Photographer	Number
3/22/61	Schematic - A-B-C-D-E-F	Ducard	K . Meyn	3-508-61
	" A-B-C	Physics		3-50 9-61
	" A & B			3-510-61
	" Two squares			3-511-61
3/17/61	Dry Box	B.Regan	R. Walton	3-512-61
	X-Ray Probe	Nuc.Eng.		3-513-61
	Reactor Mock-up			3-514- 61 th
				3-517-61
3/22/61	Graph - In Vitro Diaphragm	E.Hughes	K. Meyn	3-518-61
	" Liver/Carcass Distribution-15min.	Medical		3-519 - 61
	" Carcass/Liver Distribution			3-520-61
	" Intracellular Partition			3-521-61
	" Cortisol - MnSalt			3-522-61
	" Manganese Concentration			3-523-61
	" Blood Disappearance			3-52 4-61
	" Organ Distribution (Mice)			3-525-61
	" Organ Distribution - Mn54			3-526- 61
	" Body Turnover Mice			3-527-61
	" Body Turnover - Mn 54			3-528- 61
3/22/61	Table - Digest of Clinical Course,etc.	Dr.Farr Medical	K. Meyn	3-529- 61
3/22/61	Breakage of Chromosomes - page 99	Woodley	K. Meyn	3-530-61
	Radiation Biology - Fig. 1-74, page113	Biology		3-531-61
	Scientific American - 9/59 -			
	Principal Forms page 76			3-532-61
	Beta Particles, page 70			3-533-61
	Alpha Particles, page 75			3-534 - 61
	Page 72			3-535-61
3/22/61	Kinney High Vacuum Pumps - Page 10	C.Gould AGS	K . Meyn	3- 536-61
3/22/61	Slide Original - Graph	DeMeutter Medical	K. Meyn	3-537-61

Date	Caption	Dept.	Photographer	Number
3/22/61	Graph - Concentration of Reactants	Dr. Borg	K. Meyn	3-538-61
	" Absorption Spectra	Medical		3-539 -61
	" Oxidative Titrations			3-540-61
	" Dilution of Mn			3-541-61
3/22/61	Graph - 100 uo	Sternheimer	K. Meyn	3-542-61
	" 500 uo	Cosmo.		3-543-61
3/22/61	Digest of course and result of Neutron Capture Therapy Run No. 57	Dr. Farr Medical	K. Meyn	3-544-61
3/16/61	Para-Magnetic Salt	J. Smolski Reactor	M. Rosen	3-545-61
3/22/61	Graph - Formula	Dodson Chemistry	K. Meyn	3-54 6- 61 th 3-550-61
3/22/61	Pasteup A & B	Cronkite	K. Meyn	3-551- 61
	" C & D	Medical		3-552-61
3/22/61	Drawing - Cartoon	Cronkite Medical	K. Meyn	3-553-61
3/23/61	Schematic	Wiswall	K. Meyn	3-554-61
	Diagram - Wilson Seal	Nuc. Eng.		3-555-61
	Graph - P (ATM)			3-556-61
	" Absorbance			3-557-61
	" emf, V			3-558-61
	" Concentration, ppm UCI3			3-559-61
3/23/61	Schematic - (O,T,I)	Damask	K. Meyn	3-560-61
	Graph - Migration Energy (EV)	Physics		3-561-61
	" Deviation of path at saddle point (a)			3-562-61
3/20/61	Van de Graff Generator	Administration	Rosen Walton	CN3-563- 61 CN3-564-61 3-563-61 3-564-61

Date	Caption	Dept.	Photographer	Number
3/23/61	Graph - Retention	Reizenstein	K. Meyn	3-565-61
	" % injected B12 retained in whole body.	Medical		3-566-61
	" % of given dose which is circulating.			3- 567- 61
3/22/61	~~Van de Graf generator~~ See Neg # 3-563-61, 3-564-61	D.Allburger Physics	~~R. Walton~~	~~3-568- 61 thr 3-569-61~~
3/23/61	Table - Deviations from the First Rule of the Mean.	Bigeleisen Chemistry	K. Meyn	3-570-61
	" Second Rule of the Mean.			3-571-61
3/19/61	Blood - #1/5 - FH - 400X (2)	Dr.Fleidner Medical	R.F.Smith	3-572-61 C3-572-61
	" # ¼ - FH - 400X (2)			3-573-61 C3-573-61
	" #1/3/ FH - 400X (2)			3-574-61 C3-574-61
	" # ½ - FH - 400X (2)			3-575-61 C3-575-61
	" #1/1 - FH - 400X (2)			3-576-61 C3-576-61
	2/6 - BM - 400X Pelge Anomaly (2)			3-577-61 C3-577-61
	Blood - 2/5-PB-400X Pelger Anomaly (2)			3-578-61 C3-578-61
	" 2/4-FH-400X (2)			3-579-61 C3-579-61
	" 2/3-FH-400X (2)			3-580-61 C3-580-61
	" 2/2-FH-400X (2)			3-581-61 C3-581-61
	" 2/1-FH-400X (2)			3-582-61 C3-582-61
	" 1/6-FH-400X (2)			3-583-61 C3-583-61
	" 2/7- 400X (2)			3-584-61 C3-584-61
3/23/61	Graph - Absorbance	W iswall Nuc.Eng.	K. Meyn	3-585-61
	" Arbitary Units			3-586-61
3/23/61	Graph - Stable	Schmorah P hysics	K. Meyn	3-587-61
	" M3 Isomeric Transition			3-588- 61
	" Counts for 4 Min.			3-589-61
	Schematic - Be Absorber			3-590-61
3/24/61	Diagram	D.Thomas ADD	K. Meyn	3-59 1-61

Date	Caption	Dept.	Photographer	Number
3/24/61	Schematic - Linear Scale	C.Gould	K. Meyn	3-592-61
	" Pump	ADD		3-593-61
	" Diffusion Pump			3-594-61
	Table - Superconducting temp.of pure metals.			3-595-61
	" Atmospheric Pressure			3-596-61
	" Equivalent Values of one liter of liquefied gas.			3-597-61
	Graph - Molecular conductance of tubes.			3-598-61
	" Vapor pressure data			3-599-61
	" Volume of 1 lb. of water vapor.			3-600 -61
	" Range of vacuum gauges.			3-601-61
	" Rate of flow in liters per second of air.			3-602-61
	" Kinney Mechanical Vacuum Pumps.			3-603-61
3/27/61	Schematic - Operations Area	Hendrie Nuc.Eng.	K. Meyn	3-604-61
3/27/61	Schematic - Dynamitron Accelerator	Beth	K. Meyn	3-605-61
	" Insulating Core	AGS		3-606-61
	" General Assembly			3-607-61
	" Power Source			3-608-61
	" Job No. D-13-0			3-609-61
3/20/61	20" Bubble Chamber Camera Box	E.Hart Physics	M. Rosen	3-610-61 thr 3-612-61
3/9/61	Roll 1 # 1 AP 2-1 Ohr 252X (2)	Dr.Cronkite	R.F.Smith	3-613-61 C3-613-61
	# 2 " " (2)	Medical		3-614-61 C3-614-61
	# 3 " 4hrs. " (2)			3-615-61 C3-615-61
	# 4 " " " (2)			3-616-61 C3-616-61
	# 5 " 8hrs. " (2)			3-617-61 C3-617- 61
	# 6 " " " (2)			3-618-61 C3-618-61
	# 7 " 16hrs. " (2)			3-619-61 C3-619-61
	# 8 " " " (2)			3-620-61 C3-620-61
	Roll 2 # 1 " 24hrs. " (2)			3-621-61 C3-621-61
	# 2 " " " (2)			3-622-61 C3-622-61
	# 3 " 36hrs. " (2)			3-623-61 C3-623-61
	# 4 " " 400X (2)			3-624-61

Date	Caption	Dept.	Photographer	Number
3/9/61	Roll 2 # 5 AP2-1 48 hrs. 252X (2)	Dr.Cronkite	R.F.Smith	3-625-61
				C3-625-61
	# 6 " " " (2)	Medical		3-626-61
				C3-626-61
	Roll 3 #1 " 72 hrs. " (2)			3-627-61
				C3-627-61
	2 " " " (2)			3-628-61
				C3-628-61
	3 AP2-2 4 hrs. 63X (2)			3-629-61
				C3-629-61
3/27/61	Medical Conclave at Brookhaven Center	A.Finn Medical	S.W.R.	3-630-61
3/17/61	PM Blood Sullivan 1 hr. 200X	Dr.Fleidner	R.F.Smith	C3-631-61
	12 hrs. 400X	Medical		C3-632-61
	24 hrs. 400X			C3-633-61
3/27/61	Table 4 - Representative Radiation Sources (after Kirby-Smith (83)).	Sparrow Biology	K. Meyn	3-634-61
3/28/61	Table - Properties of Radiation	Sparrow Biology	K. Meyn	3-635-61
3/28/61	Fig. 3 - UO2 Sodium-Graphite-Thermal Reactor	Hoffman Nuc.Eng.	K. Meyn	3-636-61
	4 - Process flow diagram of Fluidizing Sodium & Fuel transfer System settled bed reactor.			3-637-61
	5 - U233-Li7 BeO Thermal Breeder			3-638-61
	6 - Sodium cooled fast breeder Reactor.			3-639-61
	7 - Sodium Cooled fast breeder Reactor - Axial Flow type.			3-640-61
	8 - Sodium cooled fast breeder Reactor - Radial Flow type.			3-641-61
3/27/61	Graph - Spark Formation Time	J.Fischer	K. Meyn	3-642-61
	" Voltage VO In KV	Electronics		3-643- 61
	" Experimental Points			3-644-61
	" Minimum Clearing Field			3-645-61
	" Neon			3-646-61
	Copy of Polaroid Copy Fig. 2			3-647-61
	" " " Fig. 3			3-648-61
	" " " Fig. 4			3-649-61
	" " " Fig. 5			3-650-61

Date	Caption	Dept.	Photographer	Number
3/27/61	Schematic Figure 10	J.Fischer Electronics	K. Meyn	3-651-61
3/17/61	# 1 480X (2)	Dr.Calvo Medical	R.F.Smith	3-652-61 C3-652- 61
	# 2 480X (2)			3-653-61 C3-653- 61
	# 3 480X (2)			3-654- 61 C3-654-61
	# 4 480X (2)			3-655-61 C3-655-61
	# 5 480X (2)			3-656-61 C3-656- 6 1
	# 6 480X (2)			3-657-61 C3-657-61
	# 7 480X (2)			3-658-61 C3-658-61
	# 8 480X (2)			3-659-61 C3-659-61
	# 1 120X (2)			3-660-61 C3-660-61
	# 2 80X (2)			3-661- 61 C3-661-61
	# 3 120X (2)			3-662-61 C3-662-61
	# 4 200X (2)			3-663-61 C3-663-61
	# 5 250X (2)			3-664-61 C3-664-61
	# 6 80X (2)			3-665-61 C3-665-61
	# 7 300X (2)			3-666-61 C3-666-61
	# 8 200X (2)			3-667- 61 C3-667-61
	# 9 120X (2)			3-668-61 C3-668-61
	#10 200X (2)			3-669-61 C3-669-61
	#11 250X (2)			3-670-61 C3-670-61
	# 12 120X (2)			3-671- 61 C3-671- 61
	# 13 120X (2)			3-672-61 C3-672-61
	# 14 80X (2)			3-673-61 C3-673-61
	# 15 120X (2)			3-674-61 C3-674-61
	# 16 120X (2)			3-675-61 C3-675-61
	# 17 200X (2)			3-676-61 C3-676-61
	# 18 100X (2)			3-677-61 C3-677-61
	# 19 200X (2)			3-678-61 C3-678-61
	# 20 80X (2)			3- 679-61 C3-679-61
3/17/61	Vacuum System	B.Dryden ADD	R. Walton	3-680-61 thru 3-688-61
3/28/61	Graph - Machine Energy-Momentum-Target	L.Yuan P hysics	K. Meyn	3-689-61
	" Velocity Spectrum of 10Bev/c Negative Particles, etc.			3-690-61

Date	Caption	Dept.	Photographer	Number
3/28/61	Graph - Velocity spectrum of 7.5 Bev/c Positive particles, etc.	L. Yuan Physics	K. Meyn	3-691-61
	Graph			3-692-61 thru 3-693- 61
3/28/61	Table - Algumas fontes de irradiacao, etc.	D. Metz Nuc. Eng.	K. Meyn	3-694-61
3/28/61	Curve - Formula	Newman Hot Lab	K. Meyn	3-695-61 thru 3-696-61
3/28/61	Table	B. Steele Biology	K. Meyn	3-697-61
	Schematic			3-698-61
	Curve			3-699-61
	Graph - Change in glucose uptake			3-700-61
	" CPM - Mg Protein			3-701-61
	" Percentage increase in Inc. produced by insulin.			3-702- 61
3/28/61	Table - Clinical history of Patients	Cohn/ Robertson Medical	K. Meyn	3-703-61
	" Effect of dietary supplementation on Sr-85 retention in man.			3-704-61
3/28/61	Table - Electroanalytical Chemistry in Fused Salts.	Van Norman Hot Lab	K. Meyn	3-705-61
	Table			3-706-61 thru 3-707-61
3/28/61	Grains vs. Days - Curve	Cronkite Medical	K. Meyn (Neg. Also on file w/German caption)	3-708-61
3/28/61	Schematic	Alburger Physics	K. Meyn	3-709 -61
	"			3-710- 61
	Curve - Counts per channel vs. true zero at 11.4 channels			3-711-61
	Curve - Counts per channel vs. channel			3-712-61 thru 3-713-61
3/28/61	Curve - Flux per unit power, etc. vs. Radius	Hendrie Nuc. Eng.	K. Meyn	3-714-61

Date	Caption	Dept.	Photographer	Number
3/28/61	Typed Tables - NEGATIVES IN SPANISH Also - #3-716-61 3-718-61 3-722-61 3-723-61	D.Metz Nuc.Eng.	K. Meyn	3-715-61 thru 3-725-61
3/27/61	Rad. Lab. Group	Dr.Collins Dir.Office	R. Walton	3-726-61 thru 3-730-61
/29/61	Fig. 1 & 2 Page 8 of "British Journal of Radiology".	Sparrow Biology	K. Meyn	3-731- 61
/29/61	Table - Mn 54 in Heme " Effect of X - irradiation " Dialysis of Hemolyzates " Uptake of Mn54	Klein Biology	K. Meyn	3-732-61 3-733-61 3-734-61 3-735-61
3/29/61	Schematic - Sectional Detail of Blast Closure Valve.	J.Hendrie Nuc.Eng.	K. Meyn	3-736-61
3/24/61	Rats	Dr.Carsten H.P.	M. Rosen	C3-737-61 thru C3-740-61
3/29/61	Graph - Calculated Cross Section " Figure 4	Sher Nuc.Eng.	K. Meyn	3-741-61 3-742-61
3/29/61	Graph - % Initial Activity " Difference Spectra Schematic - Possible exposure of Sulfhydryls by Dimer Dissociation. Pasteup - Sedimentation patterns of Phosphoglucomutase in the presence of Phosphate Esters.	Yankeelov Biology	K. Meyn	3-743-61 3-744-61 3-745- 61 3-746-61
3/29/61	Composite - Radiogram	Regan Nuc.Eng.	K. Meyn	3-747-61
3/29/61	Sketch of Target Assembly	N.Hien Cosmotron	K. Meyn	3-748-61

Date	Caption	Dept.	Photographer	Number
3/29/61	Pasteup - PM Original	Cronkite	K. Meyn	3-749-61
	Graph - Cumulative Frequency in %	Medical		3-750- 61
	" Mean Net Gains per Cell			3-751-61
3/30/61	Table - Tabela II	D.Metz	K. Meyn	3-752-61
	" Tabela II (continuacao)	Nuc.Eng.		3-753-61
	" Dosimetrai das Radiacoes			3-754-61
	" Processos Gerais	NEGATIVES IN SPANISH		3-755-61
	" Qiumica dos Radiacoes	ON FILE ALSO:		3-756-61
	" Detetores do Radiacao	# 3-752-61 THRU		3-757-61
	" Absorcao de Raios Gama	# 3-766-61 "		3-758-61
	" Interacoes dos Neutrons	# 3-768-61		3-759-61
	" Polimerizacoes			3-760-61
	" Origem			3-761-61
	" O Roentgen			3-762-61
	" Referencias			3-763-61
	" Magnitude do ~~Exke~~ Eletron Volt			3-764-61
	" Classificacao			3-765- 61
	Diagram - Processo do Fragmentacao			3-766-61
	" Efeito Foteletrico			3-767-61
	" Efeitos Biologicos			3-768- 61
	" Alta Energia			3-769-61
3/30/61	Table - Insulin	B.Steele	K. Meyn	3-770-61
	" Glucagon	Biology		3-771-61
3/22/61	PM of Leaf	Sybenger Biology	R.F.Smith	3-772- 61 thru
				3-778-61
3/24/61	Alpha Room	Banslaben Hot Lab	R. Walton	3-779-61 thru
				3-780-61
3/24/61	Processing Machine	J.Garfield Photo.	R. Walton	3-781-61 thru
				3-784-61
3/30/61	Table - Release of Radioactivity	Yankeelov Biology	K. Meyn	3-785-61 ~~thru~~
				~~3x~~

Date	Caption	Dept.	Photographer	Number
3/30/61	Table - Formula	Wiswall Nuc.Eng.	K. Meyn	3-786-61
3/30/61	Table - Seltzer, et al.	Yankwich Chemistry	K. Meyn	3-787-61
	" Preparation I			3-788-61
	" Preparation XV			3-789-61
	" Preparation XIII 2			3-790-61
	" Summary of Runs at 11.4 C			3-791-61
	" Runs at 11.4 C			3-792-61
	" Summary of Isotope			3-793- 61
	" Preparation IX 2			3-794-61
	" M - Buffers			3-795-61
	" Two Types of Active Site			3-796-61
	" Extra Runs at 11.4 C			3-797-61
	" Without Interconversion			3-798-61
	" Kistiakowsky & Rosenberg			3-799-61
	" Parameters for Isotope Effect			3-800-61
	" Site Mechanism (B)			3-801-61
	" Product of CO 2			3-802-61
	" Estimated			3-803-61
	" Simple Michaelis			3-804-61
	Diagram - A 1234 - B123			3-805-61
	Graph - 1000/ ToK			3-806-61
	" L (K12/K13)			3-807-61
3/30/61	Book Original - Fig. 6 - page 34 of "Pairing Plus long range force for single closed Shell Nuclei"	Schmorak Physics	K. Meyn	3-808-61
3/30/61	Graph - Insulin	Steele Biology	K. Meyn	3-809-61
	" Glucagon Injection			3-810-61
	" Insulin Infusion Rate			3-811-61
	" Glycogen Response			3-812-61
3/30/61	Graph - R 70C Commercial C6F6	MacKenzie Nuc.Eng.	K. Meyn	3-813-61
3/24/61	Rat CNR 120X (1)	Dr.Innes Biology	R.F.Smith	3-814-61 thru C3-814-61 thru 3-816-61 C3-816-61

Date	Caption	Dept.	Photographer	Number
3/24/61	Rat Skull CNR	Dr. Innes Biology	R.F.Smith	3-817-61 thru 3-822-61
3/28/61	Chassis	Sugarman Instru.	R. Walton	3-823-61 thru 3-824-61
3/24/61	Monkey Head	Dr. Innes Biology	R. Walton	3-~~852~~ 825-61 thru 3-831- 61
3/30/61	Graph - N (K OR X)	Sternheimer Physics	K. Meyn	3-832- 61
3/30/61	Graph - Boron	La Placa	K. Meyn	3-833-61
	Print Original	Nuc.Eng.		3-834-61 thru 3-835-61
3/30/61	Graph - Relative Ionization	Dr. Jansen Medical	K. Meyn	3-836-61
3/30/61	Table - Route to Perfluorobenzene	Mac Kenzie	K. Meyn	3-837-61
	" Route to Perfluoroaromatics	Nuc. Eng.		3-838-61
	" Results of Fluorocarbon			3-839-61
3/30/61	Graph - Mean Body Weights	Dr. Debons	K. Meyn	3-840-61
	" Areas under Photo Peak	Medical		3-841-61
	" $1\frac{1}{2}$ = 15 hrs.			3-842-61
	" Gamma Emission Spectra			3-843-61
	" Beta Decay Curve			3-844-61
3/30/61	Pateup - Print Original	Sugarman	K. Meyn	3-845-61
	Graph - Equivalent Output	Instru.		3-846-61
	" Fractional Overdrive			3-847-61
	Schematic - Output to next stage			3-848-61
	" All Ionputs			3-849-61
	" R - 330, $\frac{1}{4}$ W Sensistor			3-850-61
3/23/61	African Violets	L. Schairer Biology	R. Walton	CN3-851-61

Date	Caption	Dept.	Photographer	Number
3/31/61	target, 10x reduction	Luers Physics	K. Meyn	3-852-61
3/31/61	target, 5x reduction	"	K.Meyn	3-853-61
3/31/61	Schematic Survey Plan #4	B.Bishop Health Phys	K.Meyn	3-854-61
3/24/61	Scanning equipment	F.Ayer Physics	R.J.Walton	3-855-61thru 3-857-61
~~4/3/61~~	~~Schematic Diagram~~	~~Sugarman~~	~~H. Maile~~	

April

Date	Caption	Dept.	Photographer	Number
4/3/61	Schematic - Diagram " ¼ to 2 MA Discriminator	Sugarman Instr.	H. Maile	4-1-61 4-2-61
4/3/61	Curve - Energy attained by accelerators	E. Courant AGS	H. Maile	4-3-61
4/3/61	Topographical Drawing	B. Bassett Chemistry	H. Maile	4-4-61 thru 4-7-61
3/31/61	Accident at AGS Extension	R. Young Safety	M. Rosen	4-8-61 thru 4-10-61
4/4/61	Curve - Formula	Palevsky Physics	D. Humphrey	4-11-61 thru 4-16-61
4/4/61	Curve - Formula	Vineyard Physics	D. Humphrey	4-17-61 thru 4-22-61
4/4/61	Table - Approximate Carbohydrate content of Orosomucoid	E. Popenoe Medical	D. Humphrey	4-23- 61
4/4/61	Graph Table Table - Competition of Cytidine, Uridine & Thymidine with delayed labeling, etc.	Dr. Bond Medical	D. Humphrey	4- 24-61 4-25-61 4-26-61
3/31/61	Gas tanks in freight car.	D. Hill Supply	R. Walton	4-27-61 thru 4-30-61
3/24/61	Mercury Loop	P. Hlac Nuc. Eng.	M. Rosen	4-31-61 thru 4-35-61
3/27/61	Physics Building Progress " " " " " " " " " Visiting Scientist Quarters - Progress High Level Radiation Lab. - Progress Boiler Plant Extension Progress	Campagnone AEC	M. Rosen	4-36- 61 4-37-61 4- 38-61 4-39-61 4-40-61 4-41-61 4-42- 61

Caption List

Neg. No.	
4-59-61	856 msec; 2 msec/cm - counter & sum - target flipped thru beam
4-60-61	marker at 800 msec; 5 msec/cm - counter and sum signals - upper with counter integrated, lower with counter direct - rf amplitude "drooled" off exponentially ~28 Bev
4-58-61	5 msec/cm - capture of beam and bunching by rf; note "hole", sharp downward spike, at end of each revolution left by inflected turnoff; gradual decay is low frequency response of amplifier - hole also decays down.
4-61-61	Base line shift of wide band sum electrode system. Note decay of captured beam by bucket shrinkage as B increases. Also note dip at transition where the bunches are so narrow as to tax system bandwidth - traces 50 and 100 msec/cm - running to 20 Bev.

Date	Caption	Dept.	Photographer	Number
3/27/61	Nuc. Eng. Bldg. Progress	Campagnone AEC	M. Rosen	4-43-61
	" " " "			4-44-61
3/30/61	80" Bubble Chamber	D. Brown	M. Rosen	4-45-61
	AGS Extension Construction Progress	Stone/Webster		4- 46-61
	" " " "			4-47-61
	" " " "			4-48-61
3/30/61	Portrait	G. Jackson Personnel	M. Rosen	4-49-61
3/30/61	General View of Cyclotron vault-60 in.	C. Baker Cyclotron	Walton/Rosen	4-50-61 A (for printin 4-50-61 B (for file)
4/4/61	Curve - Segmentierte Granulozyten	Dr. Cronkite	D. Humphrey	4-51-61 with English
	" " "	Medical		4-52-61 " German caption
	" Neutrophile Granulozyten der Ratte, etc.			4-53-61
	" Neutrophile Granulozyten Nach, etc.			4-54-61
	" Haeufigkeit vs. Chromosomen Zahl			4-55-61
	Beziehungen Zwischen Markierungsindices, etc.			4-56-61
4/4/61	Graph - Resonance Diagram	Haworth Dir. Off.	D. Humphrey	4-57-61
4/4/61	Right Fig. Top Trace only-p.152 Ring Data Book.	Haworth Dir. Off.	D. Humphrey	4-58-61
	Right Fig. p.80-Ring Data Book			4-59-61
	Right Fig. -.115 - " " "			4-60-61
	P.80RF System Book			4-61-61
4/4/61	Limiting slopes of the scattering cross section curves, etc. - Table	J. Rush Chemistry	D. Humphrey	4-62-61
4/4/61	Graph - Mg Ninhydrin Per ml Solution	Van Slyke Medical	D. Humphrey	4-63-61
4/3/61	Experimental area of AGS	Dr. Haworth Dir. Off.	R. Walton	4-64-61

4-82-61 Accelerated Beam from Wide-Band Calibrated Amplifier. Type 581 - Textronik Scope, Type 80 - Preamp (100 mv./cm) 50:1 Attennator Probe 100 ms/cm Sweep. Calibration: 8.2×10^{10} Protons/Volt. G-10 Target R.F. Drooling Magnet Cycle 44 cycles 2.0 Sec. Rep. Per.

Date	Caption	Dept.	Photographer	Number
4/5/61	Graph - y-Ray Spectra of 6 Iodine Isotopes	W.Hughes Medical	D.Humphrey	4-65-61
	" % of Radioactivity in Kidney Slices still protein, etc.			4-66-61
	" Catabalism of Ribonuclease by Kidney Slices.			4-67-61
	" Graphical analysis of whole body retention of radioacticity by mice,etc.			4-68-61
	" Catabolism of Ribonuclease by Kidney Slices.			4-69-61
	" Graphical analysis of whole body retention of Radioactivity,etc.			4-70-61
	Curve - Rates of Isotopes appearing in the urine, etc.			4-71-61
	" Rates of Isotopes appearing in the urine as iodine, etc.			4-72-61
	" Effect of interval between labeling and irradiation on the rate of loss of labeled DNA frommice.			4-73-61
	" In VIVO, etc.			4-74- 61
	Diagram - Thymidine Iodouracil Deoxyriboside.			4-75-61
4/5/61	Schematic	Aichroth Physics	D.Humphrey	4-76-61
4/5/61	Curve - Binding by Arsonic Antibody	Koshland Biology	D. Humphrey	4-77-61 thru 4-80- 61
	" Binding by Ammonium Antibody			4-81- 61
4/5/61	Scope Picture 4/3/61 from Ken Green	Haworth Adm.	D. Humphrey	4-82-61
4/5/61	Curve - Formula	Dr.Borg Medical	D. Humphrey	4-83-61
4/5/61	Schematic Drawing - Molecular wt.	Popenoe	D. Humphrey	4-84-61
	Curve - Absorbancy (Orcinol) vs. Fraction #			4-85-61
	" % remaining in SAC vs. hours			4-86-61
	" % remaining in SAC vs. hours			4-87-61
	" Absorbancy (orcinol) vs. Fraction #			4-88-61

Date	Caption	Dept.	Photographer	Number
3/23/61	Food Irradiation Tank	L. Galanter Nuc. Eng.	M. Rosen	4-89-61 thru 4-98-61
4/5/61	Graph - Localization of TPN activity	R. Smillie Biology	D. Humphrey	4-99-61
	" Chromolographic Separation of DPN & TPN Activity.			4-100-61
	" Fraction Caster Bean Endosperm.			4-101-61
	" Castor Bean Extract			4-102-61
	" Castor Bean Endosperm			4-103-61
	" Fraction Castor Bean Endosperm.			4-104-61
4/5/61	Typed Table - Quinones in Euglena	Smillie Biology	D. Humphrey	4-105-61
	" Chromatography of Quinones			4-106-61
	" Contents of Chromatium cells and Chromatophores.			4-107-61
	" Major Absorption Peaks.			4-108- 61
	" Extracts of chlorobium particles.			4-109-61
4/6/61	Table - Formula	Courant AGS	D. Humphrey	4-110-61
	" Formula			4-111-61
	" Formula			4-112-61
	" Gravitational Acceleration			4-113- 61
	" Displacement =, etc.			4-114-61
	" Frequency of revolution =, etc.			4-115-61
	" Cosmotron vs. AGS			4-116-61
	" Accelerator Achievements			4-117-61
	" 1 electron-volt = energy acquired by a particle, etc.			4- 118-61
4/5/61	Drawing - Dissolving Apparatus	Heymann Chemistry	D. Humphrey	4-119-61
	" End Window "B" Counter			4-120-61
4/5/61	Schematic - Basic Equations for city atmospheres.	M. Smith Meterology	D. Humphrey	4-121-61
	" Comparison of Equilibrium Formulae.			4-122- 61
	" City Atmosphere ventilated by the Wind.			4-123- 61

Date	Caption	Dept.	Photographer	Number
4/5/61	Schematic - City atmosphere scavenged by Deposition.	M.Smith Meterology	D. Humphrey	4-124-61
	" City atmosphere scavenged by rain.			4-125-61
	" Equations for Stack Emmissions.			4-126-61
	" City ventilation followed by rainout.			4-127-61
4/6/61	Typed Table - Effect of Iodination on Arsonic Antidoby Activity.	M.Koshland Biology	D. Humphrey	4-128-61
	Typed Table - Effect of Iodination on Ammonium Antibody Activity.			4- 129-61
	Typed Table - Reaction - Histidine Residues Recovered, etc.			4-130-61
	Typed Table - Formula			4-131-61
	Typed Table - Formula			4- 132-61
4/6/61	Artists view of Proposed Scientists Living Quarters	G.Brown Personnel	D. Humphrey	4-133-61
4/5/61	Typed Table	Papavasiliou Medical	D. Humphrey	4-134- 6 1 tl 4-135- 61
4/6/61	Schematic - Concentration of oxides % in	Ed.Sayre Chemistry	D. Humphrey	4-136-61
4/6/61	Graph	Dr.Hirs Biology	D. Humphrey	4-137-61
4/5/61	Graph - Full Width at ½ Maximum	Kane	D. Humphrey	4- 138-61
	Schematic - Target-Magnetic Field Region-Swept Beam Segment.	Physics		4-139-61
	Schematic			4- 140-61
	Schematic - Target & Rotating Field Vector Region.			4-141-61
4/5/61	Graph - Rads - ED 50 x Neutron Energy Mev	Dr.Bateman Medical	D. Humphrey	4-142-61
4/6/61	Schematic - Embryos - Radiation	Mericle Biology	D. Humphrey	4-143- 61

Date	Caption	Dept.	Photographer	Number
4/6/61	Wiring Schematic	C.Boulin Instru.	D. Humphrey	4-144-61
4/4/61	Site Map Drawing	B.Young Safety	D. Humphrey	4-145-61
4/4/61	Counter	J.Chester H.P.	R. Walton	4-146- 61 thr 4-149-61
4/6/61	Typed Table - General Information for Rolor Processor. " " Operating Instructions for Rolor Processor.	J.Garfield Photography	D. Humphrey	4-150-61 4-151-61
4/6/61	Book Original - "1957 Vacuum Symposium Transactions" - Page 88 Figure 1 Page 89 Figure 2	C.Gould AGS	D. Humphrey	4-152- 61 4-153-61
4/6/61	Schematic - Alternating Gradient Orbit " Typical proton orbits in constant gradient.	Courant AGS	D. Humphrey	4-154-61 4-155-61
4/6/61	"Science" - page 675, figure 1 " Hypothetical cross section Volcanos - p.677 fig. 2 "How Volcanos grow" - Explanation map of Hawaii-fig.2 " " " - Schematic cross sections of Idelized Hawaiian Volcano-fig.5 "Melting Points of Iron Oxides on Silica" - Fig. 4, page 2051	Naughton Chemistry	D. Humphrey	4-156-61 4-157- 61 4-158- 61 4-159-61 4-160-61
4/6/61	Dahlia Chromosome Mn51 Dahlia Chromosome Mn 52 Strawberry with Lus-from distal end Gamma field - June 54	Shapiro Biology	Fuka	4-161-61 4-162-61 4-163-61
4/6/61	Typed Table " " - Physical Constants of Robonuclease	Hughes Medical	D. Humphrey	4-164-61 4-165-61

Date	Caption	Dept.	Photographer	Number
4/6/61	Graph - Stem Cell - Not Self Perpetuating Maturation Storage.	Cronkite Medical	D. Humphrey	4-166-61
	" Cytologic Compartment equal in time to generative cycle boundaries moving.			4-167- 61
	" Stem Cell - Non Perpetuating Maturation Storage.			4-168-61
	" Stem Cell - Not Self Perpetuating Maturation Storage.			4-169-61
	" Multiplicative Stem Cell.			4-170-61
4/6/61	1:1 Copy of Circular Scale	W. Reams Nuc. Eng.	D. Humphrey	4-171-61
4/7/61	Typed Table - Kidney loads of Ribonuclease	Hughes Medical	D. Humphrey	4-172-61
	" " Rate of Catabolism in Kidney Slices			4-173- 61
	" " Retention of I 131 in Organs of mice irradiated.			4-174-61
	" " Dist. of I131 in Fractions of mice intestine.			4- 175-61
4/7/61	Typed Table - Total Tritium activity of Nucleotide.	Feinendegen Medical	D. Humphrey	4-176-61
	" " Grain counts after 30 & 90 min. exp. to H3 cytidine, etc.			4-177-61
4/7/61	Composite of Negs. 5-273-6 & 2-114-4	S. Shapiro Biology	D. Humphrey	4-178- 61
3/30/61	Quick Opening Cover	Oltmann Nuc. Eng.	M. Rosen	4-179-61 thru 4-180-61
4/6/61	Indoctrination lecture.	B. Young H.P.	R. Walton	4-181-61 thru 4-182-61
4/5/61	Loop Mercury	P. Hlavac Nuc. Eng.	R. Walton	4-183-61

Date	Caption	Dept.	Photographer	Number
4/7/61	Table - Effect of Glucose pretreatment on Sodium Tetraborate Decahydrate (BX) Toxicity in Mice.	Easterday Medical	H. Maile	4-1 84- 61 t 4-186-61
4/7/61	Looking into the top of the Medical Reactor showing Cherenkov Effect.	A. Finn Medical	R. Walton	CN4-187-61
4/10/61	Topographical Drawing	Bassett Chemistry	D. Humphrey	4-188-61
4/10/61	Curve - Relative Yield vs. EnergyMev " Nuclear Charge vs. Mass Number " Average total Energy vs. Mass # " Fission Yield (%) vs. Mass #.	Thomas Chemistry	H. Maile	4-189-61 4-190-61 4-191- 6 1 4-192-61 thru 4-194-61
4/10/61	Curve - Rechromotography of TRYP 7,8,9 " " " TRYP 8 & 13 " " " First Zone IRC-50 Column. " " of TRYP 14,15,16. " Chromotography of Peptides from Myoglobin.	Hirs Biology	H. Maile	4- 19 5- 61 4-196-61 4-197-61 4-198 - 61 4-199-61 thru 4-200-61
4/10/61	Curve - Molecule in Barns vs. Temp. Graph - NH4 I Cross Section at O C & -20 C T= O C.	Rush	H. Maile	4-201- 61 4-202- 61
4/7/61	PM Brain Tumor 300X PM Brain Tumor 80X PM Brain Tumor 300X	Dr.Calvo Medical	R.F.Smith	CN4-203-61 CN4-204-61 CN4-205-61
4/10/61	Typed Table - Elements Present in Volcanic Sublimates. " " Typical Volcanic Gas Composition. " " Equilibrium Volcanic Gases.	Naughton Chemistry	D. Humphrey	4-206-61 4-207-61 4-208-61 thru 4-209-61

Date	Caption	Dept.	Photographer	Number
4/10/61	Graph (Formula)	Kycia	D. Humphrey	4-210-61
	Graph	Physics		4-211- 61
	Schematic			4-212-61 thru
				4-213- 61
4/5/61	Mice Tumors # 1 100X (2)	Dr.Calvo	R.F.Smith	4-214-61
	2 100X (2)	Medical		C4-214-61 4 -215-61
	3 300X (2)			C4-215- 61 4-216-61
	4 120X (2)			C4-216-61 4-217-61
	5- 120X (2)			C4-217-61 4-218- 61
	6 300X (2)			C4-218-61 4-219- 61
	7 300X (2)			C4-219-61 4-220-61
	8 200X (2)			C4-220-61 4-221-61
	9 120X (2)			C4-221-61 4-222-61
	10 300X (2)			C4-222-61 4- 223-61
	11 250X (2)			C4-223- 61 4-224-61
	12 120X (2)			C4-224-61 4-225-61
	13 300X (2)			C4-225-61 4-22 6- 61
	14 300X (2)			C4-226-61 4-227-61
	Mice Tumors 15 80X			C4-227-61 C4-228- 61
	16 300X			C4-229-61
	17 80X			C4-230-61
	18 300X			C4-231-61
	19 80X			C4-232-61
	20 300X			C4-233-61
4/10/61	Curve - Neutron Cross Section for Ammonium.	Rush Chemistry	D. Humphrey	4-2 34-61
4/10/61	X-Z Components of 1st Calculation.	G.Vineyard Physics	D. Humphrey	4- 235-61
4/10/61	NiO TiO Projection - Curve	H.Alperin Physics	D. Humphrey	4-236-61
/10/61	Curve - Magnetic Form Factors	H.Alperin Physics	D. Humphrey	4-237-61

Date	Caption	Dept.	Photographer	Number
4/10/61	Curve - U Removal from A1203 Static Bed at 450 C	J. Reilly Nuc.Eng.	D. Humphrey	4-238-61
	" U Removal from A1203 fluidized Bed at 450 C.			4-239-61
4/10/61	Curve - Lyman A	B.Mozer Physics	D. Humphrey	4-240-61
	" Balmer B			4-241-61
	" Formula			4-242-61
	" Low-Frequency component at a Neutral Point.			4-243-61
	" Balmer B			4-244-61
	" Low-Frequency component at an Ion.			4-245- 61
4/10/61	Curve - Liquid Benzene 20 C C6H6	V.Meyers Physics	D. Humphrey	4-246-61
	" Cellulose Acetate,etc.			4-247-61
	" Polyethylene CH2			4-248-61
	" Butyl Alcohol			4-249-61
	" Ethyl Alcohol			4-250-61
	" Benzene 20 C			4-251-61
	" Solid Benzene 25 C			4-252-61
	" Methyl Alcohol			4-253-61
	" Isoprophyl Alcohol			4-254-61
	" ISO Amyl Alcohol			4-255-61
	" Nylon			4-256- 61
4/10/61	Slide Original - Schematic - X Uranium prospects or anomalies.	B.Bassett Chemistry	D. Humphrey	4-257-61
4/10/61	Graph-Nucleon Pion Q Value Dist.	E.L.Hart Physics	D. Humphrey	4-258-61
4/11/61	Copy Photo of European Organization for Nuclear Research. CERN	E.Courant AGS	9 D. Humphrey	4-259-61
4/10/61	Graph-Isobar Decay Angular Dist.	E.L.Hart Physics	D. Humphrey	4-260-61
	" C.M. Angular & Momentum Dist.			4-261-61
	" Proton CM Momentum Dist.			4-262-61
	" Proton CM Momentum Dist.			4-263- 61
	" Pion Q Value Dist.			4-264-61

Date	Caption	Dept.	Photographer	Number
4/10/61	Graph - CM Angular & Momentum Dist.	E.L. Hart	D. Humphrey	4-265-6 1
	" Proton CM Angular Dist.	Physics		4-266-61
	" 3 Body Q Value Dist.			4-267-61
	" Pion Pion Q Value Dist.			4-268-61
	" Nucleon Pion Q Value Dist.			4-269-61
	" CM Angular & Momentum Dist.			4-270-61
3/28/61	Portrait	D.Potter Electronics	M. Rosen	4-271-61
3/28/61	Portrait	B.Chase Electronics	M. Rosen	4-272-61
4/5/61	Graphite Stack (Thermal Conductivity Expt.)	J.Phelps Nuc.Eng.	M. Rosen	4-273-61
	Graphite Stack - (Shaking Expt.)			4-274-61
4/4/61	Steel Tensile Test Specimens	C.Goodzeit Bubble Chamber	M. Rosen	4-275-61
4/4/61	CNR 6X (2)	Dr.Innes	R.F.Smith	4-276-61 C4-276-61
	CNR 80X (2)	Biology		4-277-61 C4-277-61
	CNR 80X (2)			4-278-61 C4-278- 61
	CNR 6X (2)			4-279-61 C4-279-61
	CNR 80X (2)			4-280-61 C4-280-61
	CNR 6X (2)			4-281-61 C4-281-61
4/11/61	Typed Table - Electrons in Octahedral complexes.	H.Alperin Physics	D. Humphrey	4-282-61
	Drawing - The S & P and D Orbitals			4-283-61
	" The dx2-y2 & dxy orbitals unequally influenced by ligands on the x and y axes.			4-284-61
4/10/61	Typed Table - Thresholds for Prod. of Particles of Rest Energy W in P.G. Colision.	E.Courant AGS	D. Humphrey	4-285-61
4/10/61	Typed Table - Composition of Magmatic Gas.	Naughton Chemistry	D. Humphrey	4-286-61

Date	Caption	Dept.	Photographer	Number
4/3/61	NaK Loop	C.Scarlett Nuc.Eng.	M. Rosen	4-287-61 thru 4-289-61
4/5/61	Unit # 80,149R (1)	Lippincott Medical	R. Walton	4-290-61 thru C4-29 0 -61 th 4-293- 61 C4-293-61
4/5/61	Unit # 80,237R	Papavasiliou Medical	R. Walton	4-294-61 thru 4-296-61
4/7/61	Monkey # 99 Monkey #100 Monkey #101	Dr.Innes Biology	R. Walton	4-297-61 4-298-61 4- 299-61
4/11/61	Schematic - Alpha Pulse Height Chamber	Banslaben Nuc.Eng.	D. Humphrey	4-300-61
4/11/61	Graph - Momentum & Angular Dist., etc.	Gus Zorn Physics	D. Humphrey	4-301-61
4/11/61	Graph - Branching Ratios & Multiplicities for 1,2,- 3 Meson Production,etc.	EL Hart Physics	D. Humphrey	4-302-61
4/11/61	Graph - Cross Section vs. Energy, Bev	Stoenner Chemistry	D. Humphrey	4-303-61
4/11/61	Graph - Differential Cross Section for Recoil Protons, etc.	EL Hart Physics	D. Humphrey	4-304-61
4/11/61	Table - P.30 - The Group Ins. Plan	D.Vogt Personnel	D. Humphrey	4-305-61
4/11/61	Graph Schematic	Danner Physics	D. Humphrey	4-306-61 thru 4-309-61 4-310-61
4/11/61	Typed Table - Mean concentrations of the oxides that best characterize ancient glass.	E.Sayre Chemistry	D. Humphrey	4-311-61
4/11/61	Typed Table - Approx. Amts. Metals in the bodies of Human Adults.	E.Hughes Medical	D. Humphrey	4-312- 61

Date	Caption	Dept.	Photographer	Number
4/11/61	Typed Table - Potassium-Argon Ages- Grants, Mexico.	Bassett Chemistry	D. Humphrey	4-313-61
4/11/61	Schematic - Extra-Hepatic Tissue--Liver	E.Hughes Medical	D. Humphrey	4-314-61
	" Substrate--Enzyme-- Oxaloacetic Acid.			4-315-61
4/11/61	Graph ≗ (axn) Reactions on Lead.	J.Cobb Chemistry	D. Humphrey	4-316-61
4/11/61	Typed Table - Million years	D.Heymann Chemistry	D. Humphrey	4-317-61
	" " Meteorites			4-318-61
	" " CL36 & AR 39 activities in iron meteorites.			4-319-61
4/11/61	Schematic - Layout of Diffracted proton beam schematic.	Yuan (Hornbostel) Cosmotron	D. Humphrey	4-320-61
	Graph - Horizontal Dist. Negatively Charged particles.			4-321-61
	" Analyzed beam horizontal profile @ 80' from shield.			4-322-61
4/11/61	Graph - Concentration of H3 activity in Bone Marrow following H3T Admin.	Bond Medical	D. Humphrey	4-323-61
	" Concentration of H3 activity in Bone Marrow following H3C Admin.			4-324-61
4/7/61	Sodium Loop	T.Romano Nuc.Eng.	M. Rosen	4-325-61 thru 4-326-61
4/5/61	Remote Furnace	L.Nicolosi Reactor	M. R osen	4-327-61 thru 4-329-61
4/12/61	Sketch- "Finer Anatomy of Gen.Nervous System"	Innes Biology	D. Humphrey	
	Plate 1			4-330-61
	Plate III			4-331-61
	Plate XVII			4-332-61
	Plate II			4-333-61

Date	Caption	Dept.	Photographer	Number
4/12/61	Schematic - Flip Target Power Supply	Trautmein AGS	D. Humphrey	4-334-61
4/12/61	Graph - Trans. of Indium vs. Neutron Energy.	Sailor Physics	D. Humphrey	4-335-61
	" Effectof Resolution: Comparison of Co (111) & Co (220)			4-336-61
4/12/61	Schematic - Shielding Beam 2B	Culwick Physics	D. Humphrey	4-337-61
4/12/61	Graph - Cumulative # vs. Months Post Exposure.	Cronkite Medical	D. Humphrey	4-338-61
	" Cumulative # of Rats & Mammary Neoplasms.			4-339-61
4/13/61	Graph - Root Treatment	Quastler Biology	D. Humphrey	4-340-61 thru 4-341-61
4/13/61	Table - Radiation induced Leukemia 1911-1959	Cronkite Medical	D. Humphrey	4-342-61
4/14/61	Graph - % Labeled Mitosis	Cronkite Medical	D. Humphrey	4-343-61
4/13/61	Typed Table - Exposure ages of iron meteorites.	D.Heymann Chemistry	D. Humphrey	4-344-61
	" " Constancy of Cosmic Ray intensity in time.			4-345-61
	" " Constancy of Cosmic rays in time.			4-346-61
4/13/61	Graph - Incidence of Leukemia/10^6 Population at Risk/ Year.	Cronkite Medical	D. Humphrey	4-347-61
4/13/61	Acrylamide	W.Reams Nuc.Eng.	D. Humphrey	4-348-61
4/13/61	Table - Reproducibility of standards	J.Cobb Chemistry	D. Humphrey	4-349-61
	" Mid-Atlantic Ridge Basalt			4-350-61
	" Lead Isotopes in Stone Meteorites			4-351-61
	" Canyon Diablo Troilite			4-352-61

Date	Caption	Dept.	Photographer	Number
4/13/61	Curve - Total Carrier Concentration	Boulin	B. Humphrey	4-353-61
	" Region across which a field exists, etc.	Instr.		4-354-61
	Graph - Region across which a field exists.			4-355-61
	" Total Carrier concentration, etc.			4-356-61
	" T/To vs. Total carrier density,	etc.		4-357-61
	" Normalized % charge collection vs. Applied Bias voltage.			4-358-61
	" % charge collection, 100 N vs. Depletion layer thickness in Microns.			4-359-61
	" Channel Number.			4-360-61
4/13/61	Schematic - Neutron Beam Sample	V. Sailor	D. Humphrey	4-361-61
	" Holmium Ethyl Sulfate	Physics		4-362-61
	Curve - Transmission vs. Neutron Energy in ev.			4-363-61
	" External Magnetic field in oersteds.			4-364-61
4/13/61	Schematic - A=108 thru A=128	G. Emery Physics	D. Humphrey	4-365-61 thru 4-385-61
4/13/61	Table - Observed AR 39 content of iron meteorites.	R. Stoenner Chemistry	D. Humphrey	4-386-61
	" Observed AR 37 activities in Discover Satellite materials.			4-387-61
	" Observed AR 39 content of chondrites.			4-388-61
4/13/61	Schematic - Fig. 1 - diagram of polorized neutron spectrometer.	R. Nathans Physics	D. Humphrey	4- 389-61
4/13/61	Schematic - City atmosphere scavenged by rain.	M. Smith Meteorology	D. Humphrey	4-390-61
	" City atmosphere ventilated by the wind.			4-391-61

Date	Caption	Dept.	Photographer	Number
4/13/61	Schematic - Particles removed from city atmosphere by deposition.	M.Smith Meteorology	D. Humphrey	4-392-61
	" Plume centerline concentrations.			4-393-61
	Table - concentration of pollutants within cities.			4-394-61
	" Comparison of formulae for equilibrium concentrations and times.			4-395-61
4/13/61	Curve - Fig. 6 Specific Volume of Sodium Vapor.	Maslan Nuc.Eng.	D. Humphrey	4-396-61
	" Fig. 1 Temperature - entropy chart of thermodynamic properties of sodium.			4-397-61
4/13/61	Curve - Magnesium- 28 Spectrogram.	J. Austin Nuc.Eng.	D. Humphrey	4- 398-61
	" Fluorine - 18 Decay curve.			4-399-61
4/6/61	Dog Phantoms	Dr.Bond Medical	R. Walton	4-400-61 thru 4-401-61
4/11/61	Rat Lungs - showing tumors (1)	Dr.Innes Biology	R. Walton	4-402-61 C4-402-61
4/12/61	Thyroid 200X	Dr.Calvo Medical	R.F.Smith	CN4-403-61
	42X			CN4-404-61
	50X			CN4-405-61
	50X			CN4-406-61
	50X			CN4-407-61
4/13/61	Thyroid Normal Astatine 211 Alpha Tracks in Thyroid 500X (Copy Negative)	Dr.Calvo Medical	R.F.Smith	CN4-408-61
3/30/61	Mutations in Flowers	S.Shapiro Biology	R. Walton	C4-409-61 thru C4-426-61
4/14/61	Typed Table - Table II - Estimated time parameters of Hematopoiesis.	Dr.Cronkite Medical	D. Humphrey	4-427-61

Date	Caption	Dept.	Photographer	Number
4/14/61	Schematic - Multi Channel Analyzer	Schwarzer Instr.	D. Humphrey	4-428-61
4/14/61	Schematic	Yuan Cosmotron	D. Humphrey	4-429-61
4/6/61	Visitor on Tour of Lab (AEC)	C. Yax AEC	M. Rosen	4-430-61 thru 4-435-61
4/13/61	Portrait - John Stehn - Nuc.Eng.	D. Puleston Public Info.	M. Rosen	4-436-61
4/17/61	Curve - Formula	Thomas Chemistry	D. Humphrey	4-437-61 thru 4-439-61
4/17/61	Typed Table - Transmission " " Neutron Polorization after Transmission.	H. Postma Physics	D. Humphrey	4-440-61 4-441-61
4/17/61	Typed Table - Formula	Kistner Physics	D. Humphrey	4-442- 61
4/14/61	Smoke	G. Raynor Meteorology	R. Walton	4-443- 61 thru 4-455-61
4/17/61	Typed Table - Cumulative effect of 0.5 uc/g of H3 TDR every 12 hrs. for 17 days on Lymphocytes.	Cronkite Medical	D. Humphrey	4-456-61
4/17/61	Typed Table - Time Parameters of normal benign & malignant cell populations.	Cronkite Medical	D. Humphrey	4-457-61
4/17/61	Graph Curve	J.B. Swan Physics	D. Humphrey	4-458-61 4-459-61 thru 4-464-61
4/17/61	Schematic	V. Sailor Physics	D. Humphrey	4-465-61
4/18/61	Curve - 18 Bev/c 4 3/4 Beam Beryllium target.	R. Cool Physics	D. Humphrey	4-466- 61

Date	Caption	Dept.	Photographer	Number
4/18/61	Curve - 130ev Resonance Cobalt - Thick Sample	Bolotin Physics	D. Humphrey	4-467-61
	" 130ev Resonance Cobalt - Thin Sample			4-468-61
	" Formula			4- 469-61
4/18/61	Schematic - Fig. 1 Target Bldg.	B.Phillips Physics	D. Humphrey	4-470 -61
	" Fig. 2 Target Bldg.			4-471-61
4/18/61	Curve - Counter Ratio vs. Polarising Potential Kilovolts.	Withnell Chemistry	D. Humphrey	4-472-61
	Schematic - 4 Counter expolded diagram.			4-473-61
4/18/61	Schematic	L.Yuan Physics	D. Humphrey	4-474-61
4/18/61	Diagram	K.Otnes Physics	D. Humphrey	4-475- 61 th
				4-478-61
	Diagram - Phased chopper velocity selectors.			4-479-61
4/14/61	Plant Section # 1 80X	Dr.Miksche Biology	R.F.Smith	4-480-61
	2 200X			4- 481-61
	3 80X			4-482-61
	4 200X			4-483-61
	5 80X			4-484-61
	6 200X			4-485-61
	7 80X			4-486- 61
	8 200X			4-487- 61
	9 80X			4-488-61
	10 200X			4- 489-61
	11 80X			4-490-61
	12 200X			4-491-61
	13 80X			4-492-61
	14 200X			4-493-61
	15 80X			4-494-61
	16 200X			4-495- 61
	17 80X			4-496- 61
	18 200X			4-497-61

Date	Caption	Dept.	Photographer	Number
4/14/61	Plant Section # 19 80X	Dr.Miksche	R.F.Smith	4-498- 61
	20 200X	Biology		4-499-61
	21 80X			4-50 0-61
	22 200X			4-501-61
	23 80X			4-502-61
	24 200X			4-503-61
	25 80X			4-504-61
	26 200X			4-505-61
	27 80X			4-506-61
	28 200X			4-507-61
	29 80X			4- 508-61
	30 200X			4-509-61
	31 80X			4- 510- 61
	32 200X			4- 511-61
	33 80X			4-512-61
	34 200X			4-513- 61
	35 80X			4-514-61
	37 80X			4-515-61
	38 80X			4-516-61
	39 80X			4-517-61
	40 80X			4-518-61
	41 80X			4-519- 61
	42 80X			4- 520- 61
	43 200X			4-521-61
	44 200X			4-522-61
	45 200X			4-523-61
	46 200X			4-524-61
	47 200X			4-525-61
	48 200X			4-526-61
	49 200X			4-527- 61
4/18/61	Curve Graph - Relative Counting Rate vs. CO2 Pressure in Cerenkov Counter.	L. Yuan Physics	D. Humphrey	4-528-61
	Curve Graph - d2n/ drdp per circulating proton.			4-529- 61
	Curve Graph - d2n/drdp per circulating proton.			4-530-61

Date	Caption	Dept.	Photographer	Number
4/18/61	Curve Graph - Relative counting rate vs CO_2 pressure in Cerenkov counter.	L.Yuan Physics	D. Humphrey	4-531-61
	Curve Graph - d2n/drdp per circulating proton.			4-532- 61
	Curve Graph - ratio KN vs. Momentum at 4 3/4.			4-533-61
	Curve Graph - Relative counting rate vs. CO_2 pressure in Cerenkov counter.			4-534-61
	Curve Graph - Ratio P/N vs. momentum at 4 3/4.			4-535-61
	Curve Graph - d2n/drdp per circulating proton.			4-536-61
4/18/61	Schematic - Spins Parallel	V. Sailor Physics	D. Humphrey	4-537- 61
4/18/61	Curve - Coincidences vs. Channel #	Schwartzschild Physics	D. Humphrey	4-538-61 thru 4-539-61
4/13/61	Unit 8-02-04R (1)	E.Hughes Medical	R. Walton	4-540-61 thru C4-540-61 thru 4-541-61 C4-541-61
4/14/61	Centifuge	A.Banslaben Hot Lab	R. Walton	4-542-61 thru 4-543-61
4/11/61	Loop - Mercury	P.Hlavac Nuc.Eng.	R. Walton	4-544-61
4/19/61	Elevation Diagram	G.Adler Nuc.Eng.	D. Humphrey	4-545-61
4/19/61	Schematic - Loop "N"	Wiswall Nuc.Eng.	D. Humphrey	4-546-61 thru 4-547-61
4/19/61	Composite of 21 pages of curves	G. Emery Physics	D. Humphrey	4-548-61
4/19/61	Curve - Tin " Lead	Cotter Physics	D. Humphrey	4-549-61 4-550-61

Date	Caption	Dept.	Photographer	Number
4/19/61	Technical Publication Chart	M.Kuper	D. Humphrey	4-551-61
	Chart of Scientific Staff	Adm.		4-552-61
	Chart showing cost breakdown for 1960			4-553-61
4/19/61	Table	G.Zorn Physics	D. Humphrey	4- 554-61
4/19/61	Curve - Figure 1	Miss Brown	D. Humphrey	4-555-61
	" Figure 2	Physics		4-556-61
	Diagram - Figure 3 (a)			4- 557-61
	" Figure 3 (b)			4-558-61
	" Figure 4			4- 559-61
	" Figure 5			4-560-61
4/19/61	Typed Table - State Density Assumption	Thomas	D. Humphrey	4-561-61
	Typed Table	Chemistry		4-562-61 thr
				4-564-61
4/19/61	Curve - Target C12	J.Lowe Physics	D. Humphrey	4-565-61
4/19/61	Graph - Opposite Direction of rotation	K.Otnes	D. Humphrey	4-566-61
	" Same direction of rotation	Physics		4-567-61
4/19/61	Schematic - Apparatus for measuring I2 absorption on Graphite.	F.Salzano Nuc.Eng.	D . Humphrey	4-568-61
4/19/61	Curve - Cobolt Thermal capture x-ray Spectrum.	A.Jain Physics	D. Humphrey	4-569-61
	" Transmission data thick sample cobolt.			4-570-61
	" Transmission plot.			4-571-61
	" Neutron Spectrum near 130 ev			4-572-61
	" Cobolt resonance capture x-ray Spectrum.			4-573-61
4/19/61	Table - Sn117 Sn 119	Schwartzschild	D. Humphrey	4-574-61
	Graph - Sn117 (14d)	Physics		4-575-61
4/19/61	Curve Graph - # vs. Momentum in Mev/c	G.Zorn Physics	D. Humphrey	4- 576-61

Date	Caption	Dept.	Photographer	Number
4/20/61	Typed Table - Formula	Kane Physics	D. Humphrey	4-577-61 thru 4-578-61
4/13/61	Plant Material in Flasks (1)	Schaeffer Biology	M. Rosen	4-579- 61 thru C4-579-61 thru 4-585 - 61 C4-585-61
4/20/61	Schematic Graph - Formula	Schermer Physics	D. Humphrey	4-586- 61 4-587-61 thru 4-592-61
~~4/20/61~~	~~Copy of Passport Photo~~ delete	Security	~~D. Humphrey~~	~~4-593- 61~~
4/20/61	Copy of Original Photo	Goudsmit Physics	D. Humphrey	4-594-61
4/20/61	Copy of Photographic Print Original Graph - Number events vs. Number Prongs.	Chinowsky Cosmotron	D. Humphrey	4-595-61 thru 4-596-61 4-597- 61 thru 4-598-61
4/12/61	Portrait	W. Higinbotham Instru.	M. Rosen	4-599-61
4/17/61	Cloud Formation	M. Smith Meteorology	R. F. Smith	4-600-61
4/12/61	# 1 100X (2) 2 300X (2) 3 120X (2) 4 100X (2) 5 120X (2) 6 200X (2) 7 80X (2) 8 80X (2) 9 80X (2) 10 80X (2) 11 100X (2) 12 100X (2) 13 100X (2) 14 100X (2) 15 300X (2)	Dr. Calvo Medical	R. F. Smith	4-601-61 C4-601- 61 4-602-61 C4-602-61 4-603-61 C4-603-61 4-604- 61 C4-604- 61 4-605-61 C4-605-61 4-606-61 C4-606-61 4-607-61 C4-607-61 4-608-61 C4-608-61 4-609-61 C4-609-61 4-610-61 C4-610-61 4-611-61 C4-611 -61 4-612-61 C4-612-61 4-613-61 C4-613-61 4-614-61 C4-614-61 4-615-61

Date	Caption	Dept.	Photographer	Number
4/12/61	# 16 100X (2)	Dr. Calvo	R.F.Smith	4-616-61
				C4-616-61
	17 250X (2)	Medical		4-617- 61
				C4-617- 61
	18 250X (2)			4-618-61
				C4-618-61
	19 250X (2)			4-619-61
				C4-619-61
	20 250X (2)			4-620 - 61
				C4-620-61
4/19/61	Enlarged copy of small 2"x 2½" Print	Goudsmit Physics	D. Humphrey	4-621-61
4/17/61	Hand & Foot Counter	J.Chester H.P.	M. Rosen	4- 622-61
4/20/61	Graph - Days Post Exposure --- Months Post Exposure.	Shellaburger Medical	D. Humphrey	4-623-61
4/20/61	"Creation is a Patient Search"	S.Freed		
	Copy of Photo on Page 262	Chemistry	D. Humphrey	4-624- 61
	Copy of Photo on Page 278			4-625-61
4/20/61	Graph - mb vs. Center of Mass Momentum	Connolly	D. Humphrey	4-626-61
	Graph	Bubble Chamber		4-627-61
4/20/61	Typed Table - Nuclear Polarization, etc.	H.Postma Physics	D . Humphrey	4-628-61
4/20/61	Typed Table	Schermer Physics	D. Humphrey	4-629-61 thru
				4-630 - 61
4/20/61	Schematic - Looking South (Mars)	Sheehan	D. Humphrey	4-631-61
	" Earth Satellites	Mech.Eng.		4-632- 61
	" Looking West after Sunset	(Venus)		4-633- 61
	" Looking South			4-634- 61
	" Ptolemy			4-635-61
	" Moon Falls 1/16 inch/sec.			4-636-61
	" Tycho Brahe Rejects Copernicus.			4-637-61
	" Newtons Laws			4-638- 61
	" The Solar System			4-639- 61
4/21/61	PM - Composite 6-573-60 6-574-60	Debons	D. Humphrey	4-640-61
	" A 2-203-61 B 2-202-61	Medical		
	C 2-201-61			4-641-61

Date	Caption	Dept.	Photographer	Number
4/21/61	PM Composite A 2-198-61 B 2-200-61	Debons Medical	D. Humphrey	
	C 2-199-61			4-642-61
	" " A 2-197-61 B 2-196-61			
	C 2-195-61			4-643-61
	" " A 2-193-61 B 2-194-61			
	C 2-192-61			4-644-61
	" " A 6-81-60 B 6-83-60			
	C 6-82-60			4-645-61
4/21/61	X-Ray Patient 80228-R	Lippincott Medical	D . Humphrey	4-646-61
4/21/61	X-Ray Patient 80241R	Lippincott Medical	D. Humphrey	4-647-61 thru 4-650-61
4/21/61	Typed Table - Relative vapor pressure of Protio, Deuterated & Tritiated Waters.	Bigeleisen Chemistry	D. Humphrey	4-651-61
	Typed Table - Relative tritium & Deuterium Fractionation in /rate processes.			4-652-61
	Typed Table - Relative Tritium & Deuterium Enrichment in the Electrolysis of Water.			4-653-61
	Typed Table - Equilibrium Fractionation Factors in Molecules with unequal a priori Probability.			4-654-61
	Typed Table - Relative Tritium & Deuterium enrichment in the electrolysis of water.			4-655-61
4/21/61	Graph - Hg203 activity from Discoverer XVII - Pb	Schaeffer Chemistry	D. Humphrey	4-656- 61
	" Bi205 activity from Discoverer XVII - pb			4-657-61
4/21/61	Graph - AGS Beam Survey	K. Green AGS	D. Humphrey	4-658-61
4/20/61	Whisker growing on glass plate from beam separator.	Dr. Beth Physics	R. Walton	4-659-61 thru 4-662-61

Date	Caption	Dept.	Photographer	Number
4/21/61	Schematic	Banslaben Nuc.Eng.	D. Humphrey	4-663-61
4/21/61	Copy of Autograph	B.Orlowski Info.Div.	D. Humphrey	4-664-61
4/21/61	Graph - AGS Survey Beam	K. Green AGS	D. Humphrey	4-665-61
4/21/61	Composite of 3 line graphs.	Rao Chemistry	D. Humphrey	4-666-61
4/21/61	Pm Pollen	B.Kwack Biology	R.F.Smith	4-667-61 thru 4-675-61
4/21/61	Typed Table - Relative Fractionation of T & D in exchange of H2-H2O.	Bigeleisen Chemistry	D. Humphrey	4-676-61
	Typed Table - Frequency ratio in 3 center reactions.			4-677-61
	Typed Table - Relative tritium & Deuterium equilibrium fractionation factors.			4-678-61
	Typed Table - Equilibrium fractionation in Molecules w/equal a priori probability.			4-679-61
	Typed Table - Low temp. relative tritium & deuterium equilibrium fractionation factors.			4-680-61
4/24/61	Typed Table - Relative elemantary separation parameters for the isotopes N2O Molecules.	Bigeleisen Chemistry	D. Humphrey	4-681-61
	Typed Table - High temp. relative tritium & deuterium fractionation factors.			4-682- 61
	Typed Table - Absolute values of elementary parameters for isotopes N2O Molecules.			4-683-61
	Typed Table - Low temp. relative tritium & deuterium partition function ratios.			4-684-61
4/15/61	Mastectomy (delete 4-687-61 per R.W.)	Dr.Lippincott Medical	R. Walton & R. Smith	4-685-61 thru 4-693-61
4/24/61	Graph - Formula	T.Morris Physics	D. Humphrey	4-694-61

Date	Caption	Dept.	Photographer	Number
4/24/61	Graph - Decay of Colored product from Mn:CPZ Titration Reaction	Dr.Borg Medical	D. Humphrey	4-695-61
4/18/61	Shadowgraph on cover of Ion trap	B.Dryden AGS	R. Walton	4-696-61
4/18/61	Graph - Time of flight spectrum	Schwartzschild Physics	D. Humphrey	4-697-61
4/21/61	Sample Test	H.Houtsager - Physic s	R. Walton	4-698-61 thru 4-699-61
4/24/61	Typed table "Activities on Discover XVII	Lead O.Schaeffer Chemistry	D.Humphrey	4-700-61
4/24/61	Pin?Pong Boron Atom	Finn Medical	D.Humphrey	4-701-61 CN 4-701-61
4/21/61	PM rat brain 80X (2)	Dr.Innes Biology	R.F.Smith	4-702-61
4/21/61	PM rat brain 6 X (2)	"	R.F.Smith	4-703-61
4/13/61	Mutations in Flowers (2)	S.Shapiro Biol.	R.J.Walton	C4-704-61thru C4-708-61
4/21/61	10 yr. pin awards SEE 4-709-61	E. Brown Personnel	M.Rosen	4-709-61thru 4-713-61
4/24/61	Typed Table - 7090 Installation equipment list. " " 1401 Installation equipment list.	Rideout Directors	D. Humphrey	4-714-61 4-715-61
4/24/61	Graph - Percentage of Colonies Devel.	Dr.Drew Medical	D. Humphrey	4-716- 61
4/18/61	Legume Plants & Roots	Schwinghamer Biology	M. Rosen	4-717-61 thru 4-723-61
4/12/61	Roots of Legumes	Schwinghamer Biology	M. Rosen	4-724-61 thru 4-733-61

Date	Caption	Dept.	Photographer	Number
4/20/61	Radiated plants (3)	Dr. Evans Biology	R. Walton	4-734-61 C4-734-61
4/18/61	Radiated plants (2)	Dr. Evans Biology	R. Walton	4-735-61 C4-735-61 CN4-735-61
4/21/61	Damaged mailing tube	E. Rea AIP	R. Walton	4-736-61
4/21/61	Lombardy Poplar Cutting (Inter Neg.)	S. Shapiro Biology	D. Humphrey	CN4-737-61
4/20/61	Van De GraaffGenerator (B & W Negatives on file also)	H. Schwartz Chemistry	R. Walton	CN4-738-61 th 4-738-61 CN4-739-61 4-739-61
4/14/61	Graphite growth	W. Becker Nuc. Eng.	R. Walton	4-740-61 thru 4-742-61
4/25/61	Graph	Pickup Physics	D. Humphrey	4-743-61 thru 4-750-61
4/24/61	Schematic - Uptake of Tritiated Thymidine in rat tibia. Graphs - (3 in one)	Kember Biology	D. Humphrey	4-751-61 4-752-61
4/24/61	Graph - Schematic	Schwarzschild Physics	D. Humphrey	4-753-61
4/21/61	Monkey holder	R. Carsten Biology	R. Walton	4-754-61 thru 4-759-61
4/25/61	Graph - Fractional overdrive vs. Pulse Spacing.	Schwarzer Instru.	D. Humphrey	4-760-61
4/25/61	Copy of I.D. Picture (SENT TO SECURITY)	Security	D. Humphrey	4-761-61
4/19/61	Portrait	M. Karelitz Cosmotron	M. Rosen	4-762-61
4/14/61	Pigs (4)	Dr. Jansen Medical	R. Walton	4-763- 61 thr C4-763-61 thru 4-767-61 C4-767- 61

Date	Caption	Dept.	Photographer	Number
4/25/61	Graph Schematic	W.Hamilton Chemistry	D. Humphrey	4-768-61 4-769-61 thru 4-771-61
4/26/61	Typed Table	Goldhaber Physics	D. Humphrey	4-772-61 thru 4-775-61
4/26/61	Schematic - Decay of short lived sb 124 Isomers.	Der Mateosian Physics	D. Humphrey	4-776-61
4/26/61	Graph - Water extract of vicia roots.	Woods Biology	D. Humphrey	4-777-61
4/25/61	Graph - Copy of Neg. Slide	Yuan Physics	D. Humphrey	4-778-61 thru 4-779-61
4/25/61	Graph- Formula	Goldhaber Physics	D. Humphrey	4-780-61
4/25/61	Graph - Formation of CO from CO2 in cobalt-60 Gamma Radiation field as a function of temperature. Graph - Formation of CO from CO2 in Cobalt-60 Gamma Radiation field as a function of pressure.	Steinberg NED	D. Humphrey	4-781-61 4-782-61
4/21/61	Welds in Metal Samples PM of crock in Weld 25X	Goodzeit Physics	M. Rosen R.F.Smith	4-783-61 4-784-61
4/20/61	Mice (1)	Dr.Stoner Medical	R. Walton	4-785-61 thr C4 -785-61 th 4-787-61 C4-787-61
4/21/61	Beam Separator	C.Baltay Cosmotron	R. Walton	4-788- 61 th 4-794-61
4/24/61	Dry Box	T.Romano Metallurgy	R.Walton	4-795-61thru 4-798-61
4/21/61	10 Year Pin Awards (refer to 4-709-61 thru 4-713-61)	Brown Personnel	M. Rosen	4-799-61

Date	Caption	Dept.	Photographer	Number
4/27/61	Graph - Non irradiated slope-o.294 X-irradiated slope 0.208 Graph - % Hypertrophy vs. Age - Weeks	Berech Biology	D. Humphrey	4-800-61 4-801-61
4/27/61	Graph - Pressure vs. Time " Pressure vs. Dose " Pressure vs. Time " Maximum Rate --- Induction Time Graph	Flanagan Physics	D. Humphrey	4-802- 61 4-803-61 4-804-61 4-805- 61 4-806-61 th 4-808-61
4/27/61	Schematic - Figure # 1 " " 2 " " 3	Tassinari Nuc.Eng.	D. Humphrey	4-809-61 4-810-61 4-811- 61
4/27/61	Schematic	Innes Biology	D. Humphrey	4-812-61
4/27/61	Schematic	I.Schwartz Medical	D.Humphrey	4-813-61
4/27/61	Graph: Conditioned rise in flood sugar concentration expressed as o/o of control level	"	"	4-814-61
4/27/61	Schematic:	"	"	4-815-61th 4-817-61
4/27/61	Schematic: Neutron radioactivation (N.Y.) of gold and Disintegration scheme for the induced (Au^{198})	"	"	4-818-61
4/27/61	Schematic: "Basic feeding reflexes"	"	"	4-819-61
4/27/61	Schematic: "Neutron Radioactivation of Sulphur Disintegration Scheme for the Induced Phosphorus"	"	"	4-820-61
4/27/61	Copy of original photographic print	Innes Biology	D.Humphrey	4-821-61

Date	Caption	Dept.	Photographer	Number
4/27/61	Schematic: P.170 (upper left) of "Atomic Energy facts"	Sparrow Biology	D.Humphrey	4-822-61
4/27/61	Copy of Page 171..."Atomic Energy Facts"	"	"	
	(A) Phosphate fertilizer uptake	"	"	4-823-61
	(B) Sulphur Damage to citrus fruits	"	"	4-824-61
	(C) Plant Nutrition Studies	"	"	4-825-61
	(D) Study of Photosynthesis	"	"	4-826-61
4/27/61	Schematic	I.Schwartz Medical	D.Humphrey	4-827-61
4/27/61	Graph: "Number of Pellets vs Time"	"	"	4-828-61
4/28/61	Typed Table	Hirs Biology	D.Humphrey	4-829-61thru 4-838-61
4/28/61	Typed Table - Table II	Hirs	D. Humphrey	4-839-61
	" " " (continued)	Biology		4-840-61
	" " " "			4-841-61
	" " Table III			4-842-61
	" " Total Composition			4-843-61
	" " Table I			4-844-61
4/27/61	Scanning equipment	R.Rau Physics	R. Walton	4-845-61 thru 4-850-61
4/27/61	Schematic - HFBR Fuel Handling Isometric	Hendrie	D. Humphrey	4-851-61
	" " " " Section	HFBR		4-852-61
	" " " " "			4-853-61
4/20/61	Radiated pig (1)	Jansen Medical	RJ Walton	C4-854-61
5/1/61	Table # 3 - Uranium content of bed after repeated hydrochlorination, etc.	J.Reilly NED	D. Humphrey	4-855-61
	Table # 4 - Recovery of uranium from Zircaloy fuel coupons, etc.			4-856-61

Date	Caption	Dept.	Photographer	Number
5/1/61	Table # 4A - Additional fluorination of bed from Exp. 10	J. Keilly NED	D. Humphrey	4-857-61
	Table # 5 - Recovery of Uranium from Zircaloy fuel coupons.			4-858-61
	Table # 6 - Recovery of uranium from Zircaloy fuel coupons, etc.			4-859-61

May

Date	Caption	Dept.	Photographer	Number
4/27/61	Schematic	Dr.Schwartz Medical	D. Humphrey	5- 1-61
5/1/61	Typed Table - Comparison of H3-leucine incorporation into soluble RNA, etc.	P.Woods Biology	H. Ruhnke	5-2-61
4/26/61	Boots for holding active material	Schwartz Medical	R. Walton	5-3-61
4/29/61	Annaul Bowling Affair	G.Sabine Personnel	M. Rosen	5-4-61 thru 5-52- 61
5/1/61	Schematic - Level Scheme of Os 186	McKeown Physics	H. Ruhnke	5-53-61
5/1/61	Typed Table - Transition Probabilities in Sn118 & Sn120	Schwartzchild P hysics	H. Ruhnke	5-54-61
5/1/61	Schematic	Schwarzer Instru.	H. Ruhnke	5-55-61
5/1/61	Schematic	J.Weeks Nuc.Eng.	H. Ruhnke	5-56-61
5/1/61	Curve - Hydrazine yields Co60 irradiation of Aqua NH3 solution.	Steinberg Nuc. Eng.	H. Ruhnke	5-57-61
5/1/61	Schematic Curve - Formula	J.Weeks Nuc.Eng.	H. Ruhnke	5-58-61 5-59-61 thru 5-61-61
5/1/61	Curve - Polymerization of Ethylene	Steinberg Nuc.Eng.	H. Ruhnke	5-62-61
5/1/61	Composite of Neg. # 5-3-61 & #5-1-61	Schwartz Medical	H. Ruhnke	5-63-61
5/1/61	Typed Table	J.Berech Biology	H. Ruhnke	5-64-61
5/1/61	Typed Table - Ratios of Reduced Transition Probabilities.	G.Goldhaber Physics	H. Ruhnke	5-65-61

Date	Caption	Dept.	Photographer	Number
4/26/61	PM of Weld defect NO-XW-310-ARC-CK 20	C.Goodzeit		
	63 X	Physics	R.F.Smith	5-66-61
	50.40 X			5-67-61
	PM of Weld defect NO-XWK55SA K55 63X			5-68-61
	" " " NO-XWK55SA-CK20 50.40X			5-69-61
	" " " NO-XWK55ARC CK20 50.40 X			5-70-61
	" " " NO-XW310SA CK20 50.40X			5-71-61
4/27/61	R.R. flat-car	F.Dugan Reactor	R. Walton	5-72-61
4/26/61	High Level Radiation Lab Progress	Campagnone	M. Rosen	5-73-61
	AEC Facility Addition Progress	AEC		5-74-61
	Metallurgy Building Extension Progress			5-75- 61
	Sub-Station Addition Bldg. 603 Progress			5-76-61
	Boiler Plant Extension Progress			5-77-61
	Nuclear Engineering Building Progress			5-78-61 thru
				5-80-61
	Visiting Scientist Quarters Construction			5-81-61 thru
	Progress			5-82-61
	Physics Building Progress			5-83-61 thru
				5-86-61
4/24/61	Tobacco seedlings (1)	Schaeffer Biology	R. Walton	5-87-61 thru C5-87-61 thru 5-91- 61 C5-91-61
4/19/61	PM Autograph 200X	Dr.Drew Medical	R.F.Smith	5-92-61 thru
				5-93-61
4/28/61	R.R. Flat Car	F.Dugan	M. Rosen	5-94-61 thru
		Reactor		5-99-61
4/27/61	Mice (2)	Dr.Stoner Medical	M. Rosen	5-100-61 C5-100-61
5/3/61	Schematic	Weeks Nuc.Eng.	H. Ruhnke	5-101-61
5/3/61	Curve - Amino Acid Analysis with	Yankeelov		
	Internal Standard.	Biology	H. Ruhnke	5-102-61

Date	Caption	Dept.	Photographer	Number
5/3/61	Diagram	D.Koshland Biology	H.Ruhnke	5-103-61 thru 5-106-61
	Curve - Formula			5- 107-61 thru 5-109- 61
	Curve - Time of Reaction in Minutes vs. Optical density at 660 mu			5-110-61
	Curve - Reaction time in minutes vs. Pi released			5-111-61
	Curve - Minutes vs. Counts/Min. released as Pi			5-112- 61
	Curve - Time of reaction in Minutes vs. Concentration of Pi, etc.			5-113-61 thru 5-114-61
5/3/61	Curve - Hrs. presoaked (27C) vs. Average No. of Sectors, etc.	Smith Biology	H. Ruhnke	5-115-61 thru 5-117-61
5/3/61	Curve - Radiation Polymerization of Polyethlene G value, etc.	Steinberg Nuc.Eng.	H. Ruhnke	5-118-61
	Curve - Design of CO60 Reactor for Ethylene Polymerication.			5-119-61
5/3/61	Schematic - From Straight Section of Duct to Stack.	C.Foelix H.P.	H. Ruhnke	5-120-61
	Curve - BNL processed Isotope-Iodine, Filtered stack effluent-iodine.			5-121-61
5/3/61	Typed Table - Moles per 100 Moles Cracked.	Van Hook Chemistry	H. Ruhnke	5- 122-61
5/3/61	Curve - Formula	L.Meyer Medical	H. Ruhnke	5-123-61
5/3/61	Schematic	J.Chen	H. Ruhnke	5-124-61
	Typed Table	NED		5-125- 61 thru 5-128-61
	Curve - Nominal particle diameter, In. vs. (Formula)			5-129-61

Date	Caption	Dept.	Photographer	Number
5/4/61	Rat Brain	Dr.Innes Biology	R.F.Smith	5-130-61
4/27/61	80" Bubble Chamber Progress	D.Brown	M. Rosen	5-131-61
	AGS Extension Progress	Stone/Webster		5-132-61 thru 5-137-61
5/4/61	Typed Table - Mean of Pollen Germination in %	B.Kwack Biology	H. Ruhnke	5-138-61
5/4/61	Graph - Formula	Willis Physics	H. Ruhnke	5-139-61
5/4/61	Typed Table - Gold content & concentrat- in forebrain, midbrain & hindbrain of mice which were treated with gold thioglucose but did not become obese.	Schwartz Medical	H. Ruhnke	5-140-61
	Typed Table - Gold content of forebrain, midbrain & hindbrain from gold thioglucose treated animals.			5-141-61
	Typed Table - Gold concentration in brain of gold thioglucose treated, gold thiomalate treated and untreated animals.			5-142-61
	Typed Table - Dist. of gold in symmetrical hemisections of forebrain, midbrain & hindbrain from gold thioglucose treated & untreated animals.			5-143-61
	Typed Table - Gold content of mouse forebrain, midbrain & hindbrain from gold thioglucose treated, gold thiomalate treated & untreated animals.			5-144-61
5/4/61	Schematic - Prevalence of Hypertension in 3 Population groups (Hypothesis)	Dr.Dahl Medical	H. Ruhnke	5-145-61
5/4/61	Curve - Temp. vs. Specific Volume	F.Maslan	H. Ruhnke	5-146-61
	" Entropy BTU per lb. Deg. Fahr. vs. Temp. Deg. Fahr.	Nuc.Eng.		5-147-61

Date	Caption	Dept.	Photographer	Number
5/4/61	Graph - Present System Data Handling	R.Rau	H. Ruhnke	5-148-61
	" Future System Data Handling	P hysics		5-149-61
5/2/61	Chemical Analysis	J.Tassinari	R. Walton	5-150-61
	Balance	Hot Lab		5-151- 61
5/1/61	PM Radioautographs 160X	Dr.H.Smith Biology	R.F.Smith	C5-152- 61 thru C5-165-61
5/4/61	Schematic	Cohen	H.Ruhnke	5-166-61
	Schematic - Brass 4-79 Permalloy	Physics		5-167- 61
	Schematic - Ramsey Loop System			5-168- 61
	Schematic Diagram - Quartz Spacers			5-169 -61
	Graph - Counting rate vs. Frequency			5-170 - 61
	Diagram - Precision Frequency Control			5-171- 61
	Curve - Formula			5-172-61 thru 5-173-61
5/4/61	Illustration - Low Mass Critical Assembly Cart System.	F.Pallas NED	H. Ruhnke	5-174-61
	" Low Mass Critical assembly control rod locations.			5-175-61
	" Low Mass critical facility control rod.			5-176-61
	" Low Mass Critical facility table drive mechanism.			5-177-61
5/4/61	Curve - Neutron induced Na 24 in Patient Gal	Cohn Medical	H. Ruhnke	5-178-61
	" Neutron induced Na24 activity (2.76 Mev Photopeak) Patient SCH			5-179-61
	" Whold body retention of Cs137 Patient Mal			5-180-61
	" Whold body retention of Sr85 & Ca47 following I.V. injection - Patient For			5-181-61
	" Counts/Min/40 Kev vs. Energy Mev			5-182-61

Date	Caption	Dept.	Photographer	Number
5/4/61	Curve - Whole Body retention of Cs137 I.V. Adm. Patient Kau	Cohn Medical	H. Ruhnke	5-183-61
4/15/61	Mastectomy	Dr.Lippincott Medical	R. Walton & R.Smith	C5-184-61 thru C5-192-61
4/28/61	Gamma Field (1) Gamma Field - Pine trees around (1)	L.Schairer Biology	R. Walton	5-193- 61 C5-193-61 5-194-61 thru C5-194-61 thru 5-195-61 C5-195-61
4/29/61	Loop	Romano Metallurgy	R. Walton	5-196-61 thru 5-200-61
4/24/61	Beam # 3 Cosmotron	McLaughlin Cosmotron	M. Rosen	5-201-61 thru 5-211 -61
5/1/61	PM Copper Particles 400X	C.Rottenberg Meteorology	R.F.Smith	5-212-61 thru 5-223-61
5/5/61	Typed Table - Vitamin B12 Absorption, etc. Data	S.Cohn Medical	A.Lasky	5-224- 61
5/5/61	Graph - Overdrive vs. Pulse Spacing " Overdrive vs. repetition rate " Input current (MA) vs. Discriminator setting.	Schwarzer Instru.	A. Lasky	5-225-61 5-22 6-61 5-227-61
5/5/61	Copy of Graph - Frequency scale for calibration, Mc/Sec,etc.	Cohen Physics	A. Lasky	5-228-61
5/5/61	Copy of Photo Composite - PMs	B.Kwack Biology	A. Lasky	5-229-61 thru 5-233-61
5/8/61	Graph - Total non-survival of embryos, etc. " Seedling death among embryos which germinate.	Mericle Biology	H. Ruhnke	5-234- 61 5-235-61

Date	Caption	Dept.	Photographer	Number
5/8/61	Curve - Absorbance vs. (mu)	Hirs	H.Ruhnke	5-236-61 thru 5-237-61
5/3/61	Root in Bark	Shapiro Biology	M. Rosen	5-238-61 thru 5-239-61
5/8/61	Typed Table - The yield of Radioactive nuclide produced by Nuclear Bombardment.	C.Foelix H.P.	H. Ruhnke	5-240-61
	Typed Table			5-241-61 thru 5-242 -61
4/22/61	Breast Operation	Lippincott Medical	B. Smith & B.Walton	5-243-61 thru 5-253-61
5/8/61	Equipment	L.Smith Cosmotron	Walton & Rosen	5-254-61 thru 5-286-61
5/8/61	Curve - Formula	Augenstine Biology	H. Ruhnke	5-287-61 thru 5-289-61
4/29/61	PM of Crystal 70X	Farber Nuc.Eng.	R.F.Smith	5-290-61 thru 5-293-61
5/9/61	Graph - Dose rate required to produce severe growth inhbition.	Sparrow Biology	H. Maile	5-294-61
5/4/61	PM of Nuclear event from AGS 250X	Hornbostel Physics	R.F.Smith	5-295-61
5/4/61	Lucite Block (B+W Neg. on File Also)	Dr.Yamamoto Physics	R. Walton	5-296-61 ~~5-296-61 thru~~
5/10/61	Book Original - Single vacancy. The initial & the final state.	Vineyard Physics	H. Maile	5-297-61
	" " Electron transmission micrograph of a dislocation in tale.			5-298-61
	" " Extended dislocation nodes in graphite.			5- 299-61
	" " Creeping dislocation loop in LiF			5- 300- 61

Date	Caption	Dept.	Photographer	Number
5/10/61	Book Original - Frank-Read dislocation loops in a plastically deformed silicon crystal.	Vineyard Physics	H. Maile	5-301-61
	" " Some examples of the attaching faults in the bubble raft at rest.			5-302-61
	" " Dislocation etch pits in lithium fluoride.			5-303-61
	" " Dislocation etch pits in silicon iron.			5-304- 61
	" " Decorated dislocations in sodium chloride.			5-305- 61
	" " Dislocations in Stainless steel (X44,000)			5-306- 61
	" " Interstitial bubble, etc.			5-307-61
5/5/61	Manipulator	A.Banslaben	M . Rosen	5-308-61
	Plastic Glove Boxes	Nuc.Eng.		5-309-61 thru 5-310- 61
5/5/61	Clover (3)	J.Brewbaker Biology	R.Walton	C5-311-61 thru C5-312-61
5/10/61	Typed Table - 51DU - % Nuclei with grain counts of 0-20+	H.Smith Biology	H. Maile	5-313-61
	" " 2AP - % Nuclei with grain counts of 0-20+.			5-314-61
	" " 2AP - % Cytoplasms with grain counts of 0-20+			5-315-61
	" " 2AP - Recovery time hours			5-316-61
	" " 51DU - % Labeled nuclei with grain counts of 3 to 20+			5-317- 61
	" " 2AP - % of grains per cell			5-318-61
	" " 51DU - Average No. grains per cell.			5-319-61
5/5/61	Chest tumor area Patient Unit #80259R (2)	Robertson Medical	R. Walton	C5-320- 61 thr C5-321-61

Date	Caption	Dept.	Photographer	Number
5/9/61	Photograph - Side view - Column Term Shell.	J.Harris Cosmotron	H. Maile	5-322-61
5/10/61	Graph - Specimen strained at 185 K	J.Chow Nuc.Eng.	H. Maile	5-323-61
	" As received pure iron 0.016mm grain diameter.			5-324-61
	" As received pure iron 0.016 mm grain diameter vs. n- work hardening coefficient.			5-325-61
5/10/61	Graph - % of 24 hour total	Raynor Meteorology	H. Maile	5-326-61
	" Pollen Grains per M3			5-327-61
	Drawing - 1400 Aug. 19 to 1400 Aug.20			5-328-61
	" 1400 Aug. 17 to 1400 Aug.18			5-329-61
5/4/61	Mock-up	J.Kinny HFBR	R. Walton	5-330-61 thru 5-337-61
5/9/61	Equipment	J.Spiro AGS	R. Walton	5-338-61 thru 5-341-61
5/10/61	Copy of PM	Belkin AEC Patent Office	H.Maile	5-342-61
5/10/61	Book Original - Diffuse scattering observed for V after correction for nuclear spin, etc.	Nathans Physics	H. Maile	5-343-61
	" " Neutron diffraction pattern for V taken at 20K, etc.			5-344-61
	" " Variation of the Fe and Cr atomic magnetic moments, etc.			5-345-61
5/10/61	Schematic - Anti-ferromagnetic structure approached by the gamma, etc.	Pickart Physics	H. Maile	5-346-61
	" Scattering density in reciprocal lattice, etc.			5-347- 61
	" Pc Man			5-348-61
	" Structure de MnAu2			5-349-61

Date	Caption	Dept.	Photographer	Number
5/10/61	Schematic - Representation of the moment alignment in the anti-ferromagnetic structure of a-Mr	Pickart Physics	H. Maile	5-350-61
	Graph - Constant field plot of the dysporsium data, etc.			5-351-61
5/5/61	Model Cubeoctahedron (B&W Neg on File Also)	Robertson Medical	R. Walton	5-352-61 CN5-352-61
5/4/61	Labs	G.Urrows NY AEC	R. W alton	CN5-353-61 thru CN5-358-61
	Whole body counter NYU Medical School			CN5-359-61
	Body counter - NYU Medical School			CN5-360-61
	Body counter at NYU			CN5-361-61
5/9/61	PM	Lippincott Medical	H. Maile	CN5-362-61 thru CN5-365-61
	PM			CN5-366-61 thru CN5-367- 61
5/4/61	PM of Volcanic rock section in polarized light 80X	D.Bassett Chem.	R.F.Smith	CN5-368-61
	PM of Volcanic rock section in polarized light 25X			CN5-369-61
5/9/61	Control Console Low - Mass Critical Assembly	J.Phelps Nuc.Eng.	M. Rosen	5-370-61
5/10/61	Table - Summary of skin complication following neutron capture therapy in series V	Yamamoto Medical	H. Maile	5-371-61
	" Summary of skin complication following neutron capture therapy in series IV			5-372-61
	" VI - Skin complications			5-373- 61
	" Classification & location of tumors Series IV & V			5-374-61
	" Dates of clinical course in Series IV & V			5-375-61

Date	Caption	Dept.	Photographer	Number
5/10/61	Table - Summary of skin complication on the cases with temporary skin flap procedure, etc.	Yamamoto Medical	H. Maile	5-376-61
	" Summary of procedures of neutron capture therapy in Series V			5-377-61
	" Summary of procedures of neutron capture therapy in Series IV			5-378-61
	" II. Skin reaction following neutron capture therapy on the Rabb.			5-379-61
	Table			5-380-61 thru 5-381-61
5/10/61	Graph - Recorder No. PT-5 Channel # C-7-1½, date 4/26/61	Philips Reactor	H. Maile	5-382-61
	Graph - Recorder No PT-4 Channel # D-1-5½, Date 4/26/61			5-383-61
5/10/61	Curve - Formula	Kycia Physics	H. Ruhnke	5-384-61
	" 5 Bev/c 9 Beam			5-385-61
	" 1.5 Bev/c 13 Beam			5-386-61
	" 6 Bev/c 9 Beam			5-387-61
5/3/61	Pancreas experiment on cows.	Dr. Hirs Biology	R. Walton	C5-388-61 thru C5-393-61
5/10/61	Schematic	Dienes Physics	H. R uhnke	5-394-61
5/10/61	Curve - Radiosensitivity fo BNL mouse spermatogonia with age.	Bateman Medic al	H. Ruhnke	5-395-61
	" RPS/SERT vs. y Rads			5- 396-61 thru 5-39 7-61
5/4/61	Mercury Columns	Van Hook Chemistry	M. Rosen	5- 398-61
5/4/61	Pancreas experiment on cows	Dr. Hirs Biology	R. Walton	C5-399-61 thru C5-408-61

Date	Caption	Dept.	Photographer	Number
5/4/61	Legume Roots	S chwinghamer Biology	M. Rosen	5-409-61 thru 5-410-61
5/3/61	PM-Encepholitozoon 1200X Innes strain	Dr.Innes Biology	R.F.Smith	5-411-61
	" " 1200X Morris strain			5-412-61
	" " 1200X Jacobs strain			5-413-61
	" " 1200X Conner strain			5-414-61
	PM Parasite 1000X			5-415-61
	PM Parasite 1200X			5-416-61 thru 5-419-61
5/9/61	Tumor area on Patient # 80249R (2)	Robertson Medical	R. Walton	C5-420-61 Thru C5-421-61
5/11/61	Graph	Durand Physics	H. Maile	5-422-61
5/11/61	~~Curve - Calculated nuclear volume in u3- vs. DNA content/cell in 10-6 ug.~~	Sparr ow ~~Biology~~	~~H. Maile~~ deleted by G. Pond 6/13/61	~~5-423-61~~
5/10/61	Curve - Uranium IV	Newman Nuc.Eng.	H.Ruhnke	5-424-61
	" Extraction of americium 241,etc.			5-425-61
	" Extraction of Thorium IV, etc.			5-426-61
	" Extraction of the quadravalent actinide nitrates,etc.			5-427-61
	" Neptunium VI			5-428-61
	" Extraction of Uranium 233 tracer with 5%, etc.			5-429-61
	" Extraction of various elements from hydrochloric acid, etc.			5-430-61
	" Conc. acid in organic phase,M vs. Conc. acid in aqueous phase, M.			5-431-61
	" The extraction of the hexavalent actinide nitrates, etc.			5-432-61
	" Variation of uranium extration,etc.			5-433-61
5/11/61	Schematic - Cobalt -60 y irradiation Facility (Shielding not shown)	Bateman Medical	H. Ruhnke	5-434-61

Date	Caption	Dept.	Photographer	Number
5/11/61	Copy of Color Slide	Dr. Tonna Medical	H. Ruhnke	5-435- 61
4/28/61	PM Plant Section # 1 200X (2)	Mericle	R.F.Smith v	5-436-61 C5-436-61
	# 1 300X (2)	Biology		5-437-61 C5-437-61
	2 300X (2)			5-438- 61 C5-438-61
	3 300X (2)			5-439-61 C5-439-61
	4 300X (2)			5-440-61 C5-440- 61
	5 200X (2)			5-441- 61 C5-441-61
	6 120X (2)			5-442-61 C5-442 -61
	7 100X (2)			5-443-61 C5-443-61
	8 120X (2)			5-444-61 C5-444-61
	9 100X (2)			5-445-61 C5-445-61
	10 70X (2)			5-446-61 C5-446- 61
	11 40X (2)			5-447-61 C5-447-61
	12 40X (2)			5-448-61 C5-448-61
	13 40X (2)			5-449-61 C5-449-61
	14 32X (2)			5-450-61 C5-450-61
	15 32X (2)			5-451-61 C5-451- 61
	16 300X (2)			5-452-61 C5-452-61
	17 300X (2)			5-453-61 C5-453-61
	18 120X (2)			5-454-61 C5-454-61
	19 120X (2)			5-455-61 C5-455-61
5/11/61	Table - Plan of experiment	Bateman Medical	H. Ruhnke	5-456-61
5/11/61	Table - Nuclear volume, DNA content, etc.	Sparrow Biology	H. Ruhnke	5-457-61
5/11/61	Table - Mercury Loop Status	Klamut NED	H. Ruhnke	5-458-61
5/11/61	X-Ray # 80,240R 1 May 1961	Yamamoto	R. Fuka	5-459-61thru
		Medical		5-460-61
	Composite X-Ray ~~Stakburger~~ Stockburger Apr.25,1961			5-461-61 thru
				5- 4 62-61
	Composite X-Ray Stockburger Apr.25,1961			5-463-61 thru
				5-464-61
5/12/61	Graph	Yamamoto Medical	H.Ruhnke	5-465-61

Date	Caption	Dept.	Photographer	Number
5/12/61	Table - Accretion & Exchange of CA47 and SR85	Cohn Medical	H. Ruhnke	5-466-61
5/12/61	Curve - Expiratory excretion of C14O2	Hankes Medical	H. Ruhnke	5-467-61
	Bar Graph - Urinary excretion of injected Carbon C-14.			5-468-61
5/12/61	Typed Table - Specific activities of enzymesin chromatium extracts.	Smillie Biology	H. Ruhnke	5-469-61
	" " Glyceraldehyde 3-p Dehydrogenase (GPD), etc.			5-470-61
	" " Enzymatic activities of Pea Leaves.			5-471-61
	" " Distribution of Phosphatases Acting on FDP.			5-472-61
	" " Enzymes from extracts of Autotrophic Chromatium.			5-473-61
	" " Groupings of Pea Leaf Enzymes as indicated by developmental studies.			5- 474-61
5/4/61	Cambridge Chamber	Libertini	R. Walton	5-475-61
	Console for Cambridge Chamber	Cosmotron		5-476-61
5/9/61	Lily Plants (2)	V. Pond Biology	R. Walton	5-477-61 C5-477-61
5/10/61	Loop (N)	F. Hill Nuc. Eng.	R. W alton	5-478-61 thru 5- 479-61
5/11/61	Mice - obese	Dr. Debons Medical	R. Walton	5-480- 61 thru 5-481-61
4/4/61	Cow - operation	Dr. Hirs Biology	R. Walton	5-482-61 thru 5-485-61
5/12/61	Polaroid picture of Mr. Binns	E. Skinner Reactor	H. Ruhnke	5-486-61

Date	Caption	Dept.	Photographer	Number
5/15/61	Copy of Slide	S. Shapiro Biology	H. Ruhnke	5-487-61 thru 5-488-61
5/5/61	Rock Section Polarized light 80X	B. Bassett Chemistry	R.F.Smith	5-489-61 thru 5-499-61
5/11/61	Model using safety belt in AEC car (Geralding Mataragas - Tech.Info.)	V.Brown Personnel	M. Rosen	5-500-61
5/9/61	Phoubar Opening Ball Game	Sabine Rec.	M. Rosen	5-501-61 thru 5-503-61
5/15/61	Copy of Keystone Slide, Atoms & Atomic Energy Series, Unit 1 "The Idea of the Atom".	Tonna Medical	H. Ruhnke	5-504-61
5/15/61	Slide Originals	Van Slyke Medical	H. Ruhnke	5-505-61 thru 5-507-61
	Book Original			5-508- 61 thru 5-509-61
	Book Original - Monometria Apparatus			5-510-61
5/15/61	Copy of Polaroid Print	Collins/ Purcell Physics	H. Ruhnke	5-511-61
5/4/61	Electrical Equipment on Flat Car	Myott AEC	M. Rosen	5-512-61 thru 5-514-61
5/4/61	NaK Loop Progress	Scarlett Nuc.Eng.	M. Rosen	5-515-61
5/15/61	Copy of Neg. 5-370-61/caption	Phelps NED	H.Maile	5-516-61
5/11/61	Pepper Plants, Clover & Petunias (color only)	Brewbaker Biology	R. Walton	C5-517-61 thru C5-522-61
5/9/61	PM Chromosomes 1000X	V.Pond Biology	R.F.Smith	5-523-61 thru 5-528-61

Date	Caption	Dept.	Photographer	Number
5/15/61	Seal - Int. Conf. 1961 High Energy Accelerators	Hammond Dir.Off.	H. Ruhnke	5-529-61
5/16/61	Table	Papavasiliou Medical	H. Maile	5-530-61 thru 5-531-61
5/16/61	Curve - Formula	T.D.Lee Physics	H. Maile	5-532-61
	" Formula			5-533- 61
	" Coherent Process K=0			5-534-61
5/16/61	Curve - Nuclear volume changes during early embryogeny.	Mericle Biology	H. Maile	5-535-61
	" Lethality at Germination,etc.			5-536- 61
	Graph - Effects on differentiating embryos of 300-500r X-radiation.			5-537-61
	" Residual effects of X-radiation on DNA & RNA, etc.			5-538-61
5/11/61	"Dymo-Mite" Lettering Device & Books	Binnington Library	M. Rosen	5-539-61
5/9/61	NaK Loop Progress	Scarlett Nuc.Eng.	M. Rosen	5-540-61 thru 5-542-61
5/16/61	Chromotogram - Globulins	L ippincott Medical	H. Maile	5-543-61
5/16/61	Graph (1)	L.Yamamoto Medical	H.Maile	C5-544-61thru C5-545-61 5-545-61
5/16/61	Schematic (1)	"	"	C5-546-61 5-546-61
5/16/61	Copy of Slide	Br.Conard Medical	H. Maile	5-547-61 thru 5-551-61
5/16/61	Typed Table - Effect of Diluent on the extraction of Americium, etc.	Newman NED	H. Maile	5-552- 61
	" " Extraction of Fission products from Hydrochloric acid, etc.			5-553-61

Date	Caption	Dept.	Photographer	Number
5/16/61	Typed Table - Selectivity of Amines as Extractants.	Newman NED	H. Maile	5-554-61
	" " Extraction of Urnaium from Hydrochloric acid, etc.			5-555-61
	" " Extraction of Macro Quantities of Uranium, etc.			5-556-61
	" " Extraction of acids from Aqueous Solution, etc.			5-557-61
	" " Extraction of Macro Quantities of Urnaium, etc.			5-558-61
5/16/61	Curve - Change Fe59 Body count in Patient TH, etc.	Price Medic al	H. Maile	5-559-61
	" Changing Body count due to menstrual loss of Fe59, etc.			5-560-61
5/16/61	Table - 24 hr. Urinary excretion, etc.	Hankes Medical	H. Maile	5-561-61
5/17/61	Table - Tryptophan metabolism I	Hankes Medical	H. Maile	5-562-61
	" Tryptophan metabolism II			5-563-61
	" Tryptophan metabolism III			5-564-61
	" 3-Hydroxy-DL-Kynurenine-Keto-C14			5-565- 61
5/16/61	Curve - Fig. 16 Enthalpy deviation for saturated liquids & vapors.	F.Maslan Nuc.Eng.	H. Maile	5-566- 61
	" Fig. 18 Fugacity coefficient of saturated gases and liquids.			5-567-61
	" Fig. 19 vaporization equilibrium constants for Z=0.27			5-568-61
	" Fig. 21 Entropy deviation of saturated liquids & vapors S-S			5-569-61
	" Fig. 25 Deviation of Molal Heat Capacities, etc.			5-570 -61
5/16/61	Curve - Formula	R. Nathans Physics	H. Maile	5-571-61 thru 5-572-61

Date	Caption	Dept.	Photographer	Number
5/16/61	Fig. 1 - Chromosome Aberrations, etc.	H.J.Evans	H. Maile	5-573-61
	Fig. 2 - Chromatid aberrations, etc.	Biology		5-574-61
	Fig. 3 - Frequencies of real chromatid breaks, etc.			5-575-61
	Fig. 4 - Types of chromatid intrachange resulting from single exchanges within chromosome arms.			5-576-61
	Fig. 5 - Diagrammatic representation, etc.			5-577-61
	Fig. 6 - Diagrammatic representations, etc.			5-578-61
5/16/61	Schematic Diagram - Detector System	Robertson	H. Maile	5-579-61
	" " Development of Cubeoctahedron.	Medical		5-580-61
	Schematic - Effect of additional detectors on Resolution.			5-581- 61
5/16/61	Curve - Early changes in body count after oral Fe59.	D.C.Price Medical	H. Maile	5-582-61
	Curve - Total body activity after oral Fe59 administration.			5-583-61
5/17/61	Figure 8 - Main Assembly	Pallas Nuc.Eng.	H. Maile	5-584-61
5/9/61	Baffle	Brandon Nuc.Eng.	M. Rosen	5-585-61
5/15/61	Rear view of Medical Complex	MacCornack AP&PM	R. Walton	5-586-61 thru 5-587-61
5/15/61	Fuel element rings	F.Iseli Nuc.Eng.	R. Walton	5-588-61
5/15/61	Rose (3)	S.Shapiro Biology	R. Walton	5-589-61 C5-589-61
5/17/61	Schematic Diagram	E.Kessler ADD	H. Ruhnke	5-590-61 thru 5-593-61
	" " - AGS Experimental Magnet Power Supply Module.			5-594-61 thru 5-596-61

Date	Caption	Dept.	Photographer	Number
5/15/61	U.V. Picture of Chromotogram	Kirchner Biology	R. Walton	5-597-61
5/18/61	Contact Micro-Radiograph of Plant Section 80X	Chris Photo.	R.F.Smith	5-598-61
	120X			5-599-61
	250X			5-600-61
	200X			5-601-61
5/17/61	Table - Iron absorption in Four Heavily Menstruating Women	Price Medical	H. Maile	5-602-61
5/17/61	Table - Manganese Concentration ug/L	Cotzias Medical	H. Maile	5-603-61
5/17/61	Curve - Linearity of Reactor Produced Mn56 as a function of MN55.	Cotzias Medical	H. Maile	5-604-61
5/17/61	Curve - Relative Iodine a ctivity vs. Time out of Pile, days.	J.Austin Nuc.Eng.	H. Maile	5-605-61
5/17/61	Curve - Relative counting rate vs. Channel number.	Sehgal Physics	H. Maile	5-606-61
	" Relative counting rate vs. Time in minutes.			5-607-61
	Graph			5-608-61
5/17/61	Graph - Ratio of total exchangeable sodium to total body potassium based on K40 content.	L.Dahl Medical	H. Maile	5-609-61
	" Biological half-life of Na22 in Hypertensive vs. Normotensive,etc.			5-610-61
	" Total exchangeable sodium (TE Na22)/kg of actual wt.			5-611-61
	" Total exchangeable sodium (TE Na22)/kg of desirable wt.			5-612-61
5/18/61	Copy from pamphlet - Pictorial diagram of Gamma Sensing element.	Dr.Borg Medical	H. Maile	5-613-61

Date	Caption	Dept.	Photographer	Number
5/18/61	Book Original - Diagram - Chromosomes of the germinal vesicle in the shark, Pristiurus, etc.	H.J.Evans Biology	H. Maile	5-614-61
5/12/61	Mercury Loop	L.Kukacka Nuc.Eng.	R. Walton	5-615-61 thru 5-616-61
1/26/61	Fig. 1-6 - Gross morphology of tobacco tumors.	Sparrow Biology	NOT BNL	5-617-61
	Fig. 7-12 - Histological sections of tobacco tumors.			5-618-61
	Fig. 13-17 - Histological sections of tobacco tumors.			5-619-61
5/18/61	Composite	Belkin Patent Office	H. Maile	5-620-61
5/18/61	~~Curve - Beta Decay curve~~ delete	Debons Medical	H. Maile	~~5-621-61~~ delete
	Table - Residual Beta activity (CPM) in samples of gold chloride, etc.			5-6 2 2-61
	Composite of 4-644-61 4-641-61 4-642-61 4-643-61			5-623-61
	Composite of 6-194-60 4-640-61			5-624-61
5/18/61	Rat Skull	Innes Biology	R.F.Smith	5-625-61
5/10/61	Plants (2)	Shapiro Biology	R. Walton	5-626-61 thru C5-626-61 thru 5-629-61 C5-629-61
5/15/61	Metal samples after testing.	C.Goodzeit Physics	R. Walton	5-630-61 thru 5-631- 61
5/16/61	Mouse Wheel	Dr.Jansen Medical	R. Walton	5-632-61 CN5-632-61
	Mouse Wheel			5-633-61 CN5-633-61
5/16/61	Mouse Wheel	Dr.Jansen Medical	R. Walton	CN5-634-61

Date	Caption	Dept.	Photographer	Number
5/16/61	Luzulla (2)	Schairer	R. Walton	5-635-61 C5-635-61
	Kalenkoe (2)	Biology		5-636-61 C5-636-61
5/18/61	R.R. Flat Car	F.Dugan Reactor	M. Rosen	5-637-61
5/9/61	Pm DNA treatment of fractures # 1 200X (1)	Dr.Tonna	R.F.Smith	5-638-61 C5-638-61
	# 2 200X (1)	Medical		5-639-61 C5-639-61
	# 3 200X (1)			5-640-61 C5-640-61
	4 200X (1)			5-641-61 C5-641-61
	5 200X (1)			5-642-61 C5-642-61
	6 200X (10			5-643-61 C5-643-61
	7 200X (1)			5-644- 61 C5-644-61
	8 200X (1)			5-645-61 C5-645-61
	9 200X (10			5-646-61 C5-646- 61
	10 31X (1)			5-647-61 C5-647-61
	11 31X (1)			5-648-61 C5-648-61
	12 31X (1)			5-649-61 C5-649-61
	13 31X (1)			5-650-61 C5-650-61
	14 31X (1)			5-651-61 C5-651-61
	15 31X (1)			5-652-61 C5-652-61
	16 31X (1)			5-653-61 C5-643-61
	17 31X (1)			5-654-61 C5-654-61
	18 31X (1)			5-655-61 C5-655-61
5/19/61	Curve - Specific activity of expired C1402 after injection of 2-C14-DL-Lactate, etc.	DeMeutter Medical	R.Fuka	5-656-61
	" Specific activity of expired C1402 after injection of C14-DL-Lactate.			5-657- 61
	" Specific activity of expired C1402 after infusion of 2-C14-DL-Lactate			5-658-61
5/22/61	Book Original - The Physical Review	Nathans		
	Figure 6 Page 917	Physics	H. Maile	5-659-61
	Figure 7 Page 918			5-660- 61
	Figure 8 Page 918			5-661-61

Date	Caption	Dept.	Photographer	Number
5/19/61	Pm Algae 1000X	Bergeron Biology	R.F.Smith	5-662-61 thru 5-664-61
5/22/61	Diagram - Boundary of Velocity Space Diagram Diagram	Wick Physics	H. Maile	5-665-61 5- 666-61 5-667-61
5/22/61	Table I - Summary of Na22 retention & calculated total body radiation Table II - Comparison of Na22 whole body counts obtained from K40.	Smilay Med.	R. Fuka	5-668-61 5-669-61
5/18/61	Unit # 80249R Pictures of lesions	Robertson Medical	R. Walton	C5-670-61 thru C5-671-61
5/22/61	Drawing of Experimental setup Carbon Combustion	Van Slyke Medical	R. Fuka	5-672-61
5/10/61	PMs of rock samples	B.Bassett Chemistry	F.F.Smith	C5-673-61 thru C5-677-61
5/22/61	Schematic Drawing - " " - Transfer of CO_2 from reaction tube to alkali solution in Chamber. " " Saturating a solution with a gas for a solubility determination. " " Swanson & Hulett's determination of gases dissolved in water.	Van Slyke Medical	R. Fuka	5-678-61 5-679-61 5-680-61 5-681-61
5/22/61	Schematic - Fuel Handling Shutter	Kinney Nuc.Eng.	H. Maile	5-682-61
5/22/61	Crack in weld section	Goodzeit Physics	R. Walton	5-683-61
5/16/61	Cooling Unit	Oltmann Nuc.Eng.	M. Rosen	5-684-61

Date	Caption	Dept.	Photographer	Number
5/15/61	"D" Section - Cyclotron	Kevey Physics	M. Rosen	5-685-61 thru 5-688-61
5/22/61	Drawing - The influence of centromere number & position on the amount of average genetic loss following a single chromosome break.	Sparrow Biology	H. Maile	5-689-61
	Curve - Dry weights of shoots & roots of vicia faba after 20 days of chronic gamma irradiation.			5-690-61
	Curve - Frequency of micronuclei in root tip meristem cells of vicia faba exposed to chronic gamma radiation.			5-691-61
5/23/61	~~Diagram~~ delete	Mericle Biology	H. Maile	~~5-692-61~~ delete
	Curve - P32 uptake & energy absorption by embryos.			5-693-61
	" Clefts in seedling coleptiles following acute irradiation of embryonic stages.			5-694-61
5/22/61	Table - O2 in Blood	Van Slyke Medical	H. Maile	5-695-61
	" Gas content of Soln, from Manometric Pressure, P.			5-696-61
	" Anesthetic gases, nitrous oxide, ethylene, cyclopropane in blood.			5-697-61
	" Primary aliphatic amines(amino acids) by Diazo Reaction.			5-698-61
5/22/61	Curve - Potential, volts, versus 1 molal Ag (I) - Ag reference.	Van Norman Nuc.Eng.	H. Maile	5-699-61
~~5/22/61~~	~~Curve - Acute X-irradiation,etc.~~ delete	~~Kember Biology~~	~~H. Maile~~	~~5-700-61~~
5/22/61	Pm Chromosomes 1000X	V. Pond Biology	R.F.Smith	5-700-61 thru 5-705-61
	Pm Chromosomes 1000X Phase			5-710-61
	Pm Chromosomes 480X			5-706-61 thru 5-709-61

Date	Caption	Dept.	Photographer	Number
5/23/61	Table - Vapor pressure predictions from the de Boer theory.	Bigeleisen Chemistry	H. Maile	5-711-61
5/23/61	Drawing - Boron 10 - Thermal Neutron Reaction.	Dr. Farr Medical	H. Maile	5-712-61
	Drawing			5-713-61
5/23/61	Curve - Adsorption of Hydrogen on Gamma Alumina at 78 K.	Rosenblatt Physics	H. Maile	5-714-61
	" Adsorption of Hydrogen on Reactor irradiated gamma alumina at 78 K.			5-715- 61
	" Adsorption of hydrogen on Reactor irradiated gamma alumina at 78 K.			5-716-61
	Graph - Experimental data adsorption of hydrogen on reactor irradiated gamma alumina.			5-717-61
5/23/61	Graph - Fig. 1 - Horizontal dose dibtribution Co-60 slab source in water medium.	F.Rizzo Nuc.Eng.	H. Maile	5-718-61
5/23/61	Slide Original - Copy from Sat. Eve Post.	Sparrow Biology	H. Maile	5-719- 61
10/17/60	Mutant Roses	Shapiro Biology	R. Waltony	C5-720-61
5/23/61	Table - Molar Ratios	Hirs Biology	H. Maile	5-721-61 thru 5-722-61
5/19/61	Pm Crystal 42X	Farber Nuc.Eng.	R.F.Smith	5-723-61 thru 5-726-61
5/18/61	Macro of brain sections for tracing 6X	Dr.Innes Biology	R.F.Smith	5-727-61 thru 5-735-61

Date	Caption	Dept.	Photographer	Number
5/23/61	General view of shielding	Hennessy Cosmotron	R. Walton	5-736-61 thru 5-759-61
5/17/61	NaK Lopp Progress	Scarrlett Nuc.Eng.	M. Rosen	5-760-61 thru 5-761-61
5/24/61	Latent heats of vaporization as a function of reduced temp.	Maslan Nuc.Eng.	H. Maile	5-762-61
	Fugacity of gases & liquids for Zc=0.27			5-763-61
	Generalized chart giving the difference between ideal & actual entropies of gases at the same temp. & pressure. High Press.Range			5-764-61
	Generalized chart giving the difference between ideal & actual entropies of gases at the same temp. & pressure. Low Press. Range.			5-765-61
	Fugacity of gases & liquids for Zc=0.27			5-766-61
	Generalized chart giving the difference between ideal & actual enthalpies of gases at the same temp. & pressure. High Pressure range.			5-767-61
	Generalized chart giving the difference between ideal & actual enthalpies of gases at the same temp. & pressure. Low pressure range.			5-768-61
5/24/61	Paralayzed rat	Dr.Cronkite Medical	R.J.Walton	5-769-61
5/24/61	Annular impactor with photomultiplier tube assembly.	Chester H.P.	H. Maile	5-770-61
	Mixing Chamber			5-771-61
5/24/61	Chromium Magnetic Structure	Nathans Physics	H. Maile	5-772-61
	Graph of Intensity vs. (Formula)			5-773-61
	Graph - Composite of Nickel & Cobalt			5-774-61
	Graph - Iron			5-775-61
	Graph - Ni, Co, & Fe			5-776-61

Date	Caption	Dept.	Photographer	Number
5/24/61	Unusual types of nuclei, etc.	Sparrow	H. Maile	5-777-61
	Divers types de noyaux de cellules	Biology		
	vegetales observes dans les poils radicaux.			5-778-61
5/17/61	Counter	TMiller Electronics	R. Walton	5-779-61 thru 5-780-61
5/23/61	Group Shot	A.Finn Medical	R. Walton	5-781-61 thru 5-782-61
5/25/61	Copy of 35mm Color - Man at radio. (2)	Dr.Cohn	K Meyn	5-783-61 C5-783-61
	" " " Native coming out	Medical		
	of tank. (2)			5-784- 61 C5-784-61
	" " " Exterior view of tan k. (2)			5-785-61 C5-785-61
	" " " Unloading. (2)			5-786-61 C5-786- 61
	" " " One native in room. (2)			5-787- 61 C5-787-61
	" " " 5 Natives. (2)			5-788-61 C5-788-61
	" " " Beach Scene. (2)			5-789-61 C5-789-61
5/25/61	Graph - Vapour Pressures of Metals	C. Gould	H. Maile	5-790 -61
	" Vapour Pressure Graph for	AGS		
	Water, Mercury, Carbon Dioxide			
	and Freon.			5-791-61
5/25/61	Table I - Legendre moments of Flux	Takahashi		
	Expansion in Lattice, etc.	Nuc.Eng.	A. Lasky	5-792-61
	Figure 2 - Neutron Spectra in Fuel.			5-793-61
	Figure 3 - Neutron Spectra in Moderator.			5-794-61
	Figure 4 - Neutron Spectra in Cylindrical			
	Cell.			5-795-61
	Figure 6 - Cylindrical Rod square lattice			
	& equivalent cylindrical cell.			5-796-61
	Typed Equation.			5-797-61
5/25/61	Copy of Equation.	J.Koppel Nuc.Eng.	A. Lasky	5-798-61 thru 5-801-61

Date	Caption	Dept.	Photographer	Number
5/25/61	Copy of Chart	Christman Chem.	A. Lasky	5-802-61
5/23/61	AEC office bldg. extension prog.	Campagnone A.E.C.	M.Rosen	5-803-61
5/23/61	Boiler Plant Extension (prog.)	"	"	5-804-61
5/33/61	Critical Facitlity bldg.525 Addition (Prog.)	"	"	5-805-61
5/23/61	Metallurgy Bldg. Ext. (prog.)	"	"	5-806-61
5/23/61	Site utilities elect.Duct Bank (Const)	"	"	5-807-61
5/23/61	Bldg. 603 sub-station addition (Prog)	"	"	5-808-61
5/23/61	Visiting Scientist Quarters (construction)	"	"	5-809-61thru 5-810-61
5/23/61	Physics Bldg. Progress	"	"	5-811-61thru 5-813-61
5/23/61	Nuc.Eng.Bldg.Progress	"	"	5-814-61thru 5-816-61
5/23/61	High Level Rad.Lab. (Progress)	"	"	5-817-61
5/12/61	Renal Biopsy (1)	Dr.E.Hughes Med.	R.F.Smith	C5-818-61thru C5-833-61
5/25/61	Graph - Bubble Counting Curves for BNL Chamber.	Pickup Physics	A. La sky	5-834-61
5/25/61	Copy of Wiring Diagram Hermes Pin Ball	Cockrill Physics	A. Lasky	5-835- 61
5/25/61	Copy of Graph	Koppel Nuc.Eng.	A. Lasky	5-836- 61
5/25/61	Copy of Graph - DNA Feulgen vs. Nuclear Volume p.44 Fig. 7 "Int. Rev. of Cytology"	Sparr ow Biology	A. Lasky	5-837-61

Date	Caption	Dept.	Photographer	Number
5/25/61	Diagram to Show Position of Meristems Fig. 35 P. 64 "Intro. to Plant Anatomy"	Sparrow Biology	A. Lasky	5-838-61
5/17/61	Mutant Flowers	S.Shapiro Biology	R. Walton	CN5-839-61
5/17/61	Mutant Roses	S.Shapiro Biology	R. Walton	5-840-61 CN5-840-61
5/1/61	Typed table: Table VII HRBR Design Parameter list	J.Hendrie Nuc.Eng.	H.Ruhnke	5-841-61
5/31/61	Plant: 35mm Color Slide Original	J.Brewbaker Biology	R.L.Fuka	5-842-61
5/31/61	Dahlia: Color slide Orig. (1)	J.Brewbaker Biology	R.L.Fuka	5-843-61 C5-843-61
/23/61	Monitor shack	V.Brown Personnel	M.Rosen	5-844-61
5/23/61	Occupants moving into Nuc.Eng. Bldg.	V.Brown Personnel	M.Rosen	5-845-61
5/26/61	Composite: Fig A Plate 10 Fig I Plate 13 see/neg. envelope for futher information	H.J.Evans Biology	Lasky-Maile	5-846-61
5/26/61	Composite : Tsio&Levan 1956 see Neg. envelope for further information	H.J.Evans Biology	Lasky-Maile	5-847-61
5/26/61	Composite: Tjio,JH & A.Levan 1956 Fig 1a, Fig 2b	H.J.Evans Biology	Lasky-Maile	5-848-61
5/31/61	Curve:Mean Frequencies of Micronuclei in Root Tip Meristem Cell	A.Sparrow Biology	R.L.Fuka	5-849-61
5/31/61	Curve: Frequency of Micronuclei in Tradescanta	"	"	5-850-61

Date	Caption	Dept.	Photographer	Number
5/31/61	Curve: Dry Weights of Shoots & Roots of lilium Longiflorum	A.Sparrow Biology	A.Sparrow	5-851-61thru 5-852-61
5/31/61	Curve: Relationship Between DNA content & Nuclear Vol. in 6 species of plants	"	"	5-853-61
5/31/61	Metaphase Chromosomes in Species Having Similar Chromosomes No. & Different Nuclear Volumes (All x 2,000)	"	"	5-854-61
5/31/61	Root Tip Meristem Cells of V.Faba & C Capillaris showing the Relative Amount of Nuclear Volume Occupied by the Nucleoli	"	"	5-855-61
5/31/61	Graph: Frequency of Different Haploid No. in 2414 Species of Phanerogams	"	"	5-856-61
5/24/61	R.R.Flat car	F.Dugan Reactor	M.Rosen	5-857-61thru 5-859-61
5/24/61	Rat Brain	Dr.Cronkite Medical	R.Walton	5-860-61
5/23/61	Model	W.Berg H.F.B.R.	R.Walton	5-861-61 CN5-861-61 5-862-61 CN5-862-61
5/25/61	Unit #8-02-40R (1)	Dr.Yamamoto Medical	R.J.Walton	C5-863-61thru C5-865-61
'24/61	Pollen collecting device	Dr.Odgen Meterology	R.J.Walton	5-866-61thru 5-867-61
5/24/61	Pollen collecting device	"	"	5-868-61thru 5-872-61

June

Date	Caption	Dept.	Photographer	Number
6/1/61	Table: Summary of Protective Effect of doubling chromosome # in 8 pair of spicies	Sparrow Biology	R.L.Fuka	6-1-61
6/1/61	Table: Data showing the relationship between induced somatic Mutation rates and average Nuclear volumes of Meristematic Cells, etc.	"	"	6-2-61
6/2/61	Table: Sensitivity and Nuclear Volume Changes in Trillium Erectum	"	"	6-3-61
6/1/61	Table: Predicted Sensitivities of 85 Diploid Species of Gymnosperms based on Nuclear Volume data, etc.	"	"	6-4-61
6/1 /61	Table: Relationship between radiosensitivity and polyploidy in 175 species of Chronicially inradiated higher plants	"	"	6-5-61
6/1/61	Table: DNA Content and average volume of root-tip Nuclei and radiosensitivity of six species of plants	"	"	6-6-61
6/1/61	Table: Summary of interphase Nuc.ear and Chromosomes volume data for 16 Species	"	"	6-7-61
6/1/61	Table: Relation between frequency of fragments et Metaphase and Micronuclei, etc.	"	"	6-8-61
6/1/61	Table: Relationship between Nuclear volume and frequency of Micronuclei produced per unit dose	"	"	6-9-61
6/1/61	Brookhaven Emblem	W.Higinbotham Instrumentation	"	6-10-61

Date	Caption	Dept.	Photographer	Number
5/25/61	80" bubble Chamber Const. Prog.	D.Brown Stone&Webster	M.Rosen	6-11-61thru 6-13-61
5/25/61	AGS Bldg. Extension Progress	"	"	6-14-61thru 6-16-61
6/1/61	Regular Strain Rosette Nomograph	Frank Mo Physics	R.L.Fuka	6-17-61
6/1/61	Line Dwg. of A.G.S.	Sallee A.G.S	R.L.Fuka	6-18-61
6/1/61	Nutrient Solution Table	Mericle Biology	R.L.Fuka	6-19-61
6/1/61	Internal P^{32} Chronic Radiation Table	Mericle Biology	"	6-20-61
6/1/61	Table: X-Radiation dose necessary in order to reduce germination and survival to maturity.	"	"	6-21-61
6/1/61	Graph: Intensity(neutrons/min)vs.TemperatureK^{o}	R.Nathans Physics	R.L.Fuka	6-22-61
6/1/61	Graph: See Neg. envelope for formula	DeCelles Physics	R.L.Fuka	6-23-61
6/1/61	Graph: Relationship between radiosensitivity and polyploidy in 175 species of chonically irradiated higher plants	Sparrow Biology	R.L.Fuka	6-24-61
6/1/61	Graph: Relationship between mean DNA values per chromosome and radiosensitivity in 5 species of plants	"	"	6-25-61
6/1/61	Graph: Relationship between sensitivity and nuclear volume in diploids and polyploids	"	"	6-26-61
6/1/61	Graph: Summary of data on relationship of dry weight to dose rate for three species	"	"	6-27-61

Date	Caption	Dept.	Photographer	Number
6/1/61	Graph: Fresh weights of shoots of Luzula Purpurea after 46 days of chronic gamma radiation	A. Sparrow Biology	R.L. Fuka	6-28-61
6/1/61	Graph: Effect of temperature on chromosome Breakage	"	"	6-29-61
6/1/61	Graph: Effect of irradiation on bud formation in taxus	"	"	6-30-61
6/1/61	Graph: Correlation between DNA content per nucleus and dialy dose required to produce severe growth inhibition	"	"	6-31-61
5/24/61	Rifle Club	Sabine Recreation	M. Rosen	6-32-61 thru 6-37- 61
6/1/61	Graph: Effect of fracttionated irradiation on hybrid rats	Quastler Biology	R.L. Fuka	6-38-61
6/1/61	Graph: Effect of chronic irradiation on hybrid rats	"	"	6-39-61
6/1/61	Graph: Bone Marrow under continuous irradi.	"	"	6-40-61
6/1/61	Graph: Rats irradiated continuously at 4rads/day	"	"	6-41-61
6/1/61	Graph: Comparative effects of single dose of 500 rad on normal and irradiated jejuimum	"	"	6-42-61
6/1/61	Graph: Effect of chronic irradiation on hybrid rats 176 rads/day	"	"	6-43-61
6/1/61	Graph: Rats irradiated continuously at 50 rads per day	"	"	6-44-61

Date	Caption	Dept.	Photographer	Number
6/1/61	Line drawing	Dr.Quastler Biology	R.L.Fuka	6-45-61
6/1/61	Graph: Recovery from repeated bleeding in hybrid rats. (etc.)	"	"	6-46-61
6/1/61	Graph: Blood changes in hybrid rats during chronic irradiation at 176 rads/day	"	"	6-47-61
6/1/61	Graph: Response of bone marrow to continuous irradiation at 50 rds/day	"	"	6-48-61
6/1/61	Graph: Recovery after removal of 1/3 blood volume in rats irradiated at 50 rads per day for 94 days before bleeding	"	"	6-49-61
6/1/61	Graph: Rats irradiated at 50 rads per day for 130 days before bleeding	"	"	6-50-61
6/1/61	Graph: Mononuclearo	"	"	6-51-61
6/1/61	Graph: Total nucleated cell count	"	"	6-52-61
6/1/61	Graph: Effect of chronic irradiation on hybrid rats 84 rads/days	"	"	6-53-61
6/1/61	Graph: Normal Bone Marrow	"	"	6-54-61
6/1/61	Graph: Effect of continuous irradiation at 16 rads/day..hybrid rats	"	"	6-55-61
6/1/61	Graph: Cells , etc. (see neg. envelope)	"	"	6-56-61
6/1/61	Graph: Effect of continuous radiation at 176 rads/day	"	"	6- 57-61

Date	Caption	Dept.	Photographer	Number
6/1/61	Graph: Blood changes in hybrid rats during chronic irradiation 50 rads/day	Dr. Quastler Biology	R. L. Fuka	6- 58-61
6/1/61	Graph: Recovery from repeated bleeding in hybrid rats, etc.	"	"	6-59-61
6/1/61	Graph: Blood changes in hybrid rats during chronic irradiation 8 rads/day	"	"	6-60-61
6/1/61	Graph: Effect of chronic irradiation on hybrid rats 16 rads/day	"	"	6-61-61
6/1/61	Graph: Rats irradiated continuously at 50 rads/day	"	"	6-62-61
6/1/61	Graph: Blood changes in hybrid rats during chronic irradiation 16 rads/day	"	"	6-63-61
6/1/61	Graph: Rats irradiated continuously at 4 rads/day	"	"	6-64-61
6/1/61	Graph: Turnover in testis at 50 rads/day	"	"	6-65-61
6/1/61	Graph: Normal intestine	"	"	6-66-61
6/1/61	Graph: Recovery rate of cells at 415 rads per day	"	"	6-67-61
6/2/61	Composite: Pate -up (see neg. envelope for #'S)	Evans Biology	R. L. Fuka	6-68-61
5/31/61	Aerials of AGS	D. McCornack A. P. &PM	R. J. Walton	6-69-61
5/31/61	Aerial of Service Area	"	"	6-70-61
6/2/61	Typed Table: Summary of Factors (Mostly Nuclear)	A. Sparrow Biology	R. L. Fuka	6-71-61

Date	Caption	Dept.	Photographer	Number
6/2/51	Typed Table: Estimate of Average No. Ionization per nucleus	A. Sparrow Biology R.L.Fuka	R.L.Fuka	6-72-61
6/5/61	Curve: See neg. envelope for formula	Schermer Physics	R.L.Fuka	6-73-61thru 6-74-61
6/5/61	Pasteup	P.Wilson Physics	R.L. Fuka	6-75-61
6/5/61	Typed Table: Geometric picture of time coordinate system	Singer Meterology	R.L.Fuka	6-76-61
6/5/61	Typed Table: Simple Model 4thru6	"	"	6-77-61
6/5/61	Typed Table: Mean Model, 11 thru 12	"	"	6-78-61
6/5/61	Typed Table: Best Possible, 1 thru 3	"	"	6-79-61
6/5/61	Typed Table: 7 thru 10	"	"	6-80-61
6/5/61	Typed Table: Examination Categories I	Cowan HealthPhys	"	6-81-61
6/5/61	Typed Table: American Board of Health Phys 6/61	"	"	6-82-61
6/5/61	Typed Table Status of Certification 6/61	"	"	6-83-61
6/5/61	Typed Table: Examination Categories-111	"	"	6-84-61
6/5/61	Typed Table: Examination Categories-II	"	"	6-85-61
6/1/61	Composite: Neg. No. 5-659-61,-660-661	R.Nathans Physics	R.L. Fuka	6-86-61
6/5/61	Curve: See neg. envelope for formula	Ed. Sayre Chemistry	R.L. Fuka	6-87-61 thru 6-88-61
6/5/61	Curve: Number of Specimens	"	"	6-89-61

Date	Caption	Dept.	Photographer	Number
6/5/61	Graph: No. vs.% Magnesium Oxide	Bd.Sayre Chemistry	R.L. Fuka	6-90-61
6/5/61	Curve: Distance Between Peake Maxima	"	"	6-91-61
6/5/61	Curve: Effect of Distance on X-Ray Dose Rate	M.Helferich H.Physics	R.L. Fuka	6-92-61
6/5/61	Curve: Effect of X-Ray Parameters on Dose Rate	"	"	6-93-61
6/5/61	Curve: Decay Time-Sec After NormalShutdown	O'Connell Nuc.Eng.	R.L. Fuka	6-94-61
6/5/61	Curve: ~~Decay~~ Total Radiation Absorption Heat Generatron Design Values for aluminium Materials	"	"	6-95-61
6/5/61	Curve: Ninhydrin Color Value After Alkaline Hydrolysis	Dr.Hirs Biology	R.L. Fuka	6-96-61
6/5/61	Curve: Ninhydron Color Value Absorbance at 360 mph	"	"	6-97-61
6/5/51	Curve: Ninhydron Color Value vs.absorbance at 360 mph	"	"	6-98-61
6/5/61	Curve: Ninhydrin Color Value	"	"	6-99-61
6/5/61	Curve: Protein Concentration	"	"	6-100-61
5/25/61	Dog -Neutron capture therapy (2)	Dr.Jansen Med.	R.J. Walton	6-101-61 thru C6-101-61 6-102-61 C6-102-61
5/31/61	Elect. Equipment on Flat Car	Myott A.E.C.	Mort Rosen	6-103-61thru 6-105-61
5/24/61	Nak Loop Prog.	C.Scarlett Nuc.Eng.	Mort Rosen	6-106-61thru 6-107-61

Date	Caption	Dept.	Photographer	Number
5/31/61	Foil holding rack	E.Starr Nuc.Eng.	R.J.Walton	6-108-61thru 6-109-61
5/24/61	PM clover spots 120X (1)	Dr.Brewbaker Biology	R.F.Smith	6-110-61thru C6-110-61 6-113-61 C6-113-61
5/25/61	PM plant section 120 X (3)	Dr.Mericle Biology	R.F.Smith	6-114-61 thru C6-114-61
5/25/61	PM plant section (3)	Mericle Biology	R.F. Smith	6-115-61thru C6-115-61 thr 6-118-61 C6-118-61
6/2/61	Counter *** See # 7-682-61 & 7-683-61***	T.D.Thomas Chemistry	R.J. Walton	6-116-61thru 6-117-61 ***
6/2/61	Award of checks for Patent on high flux beam reactor *** See # 7-684-61***	C.Williams Nuc.Eng.	Mort Rosen	6-118-61 ***
6/5/61	Copy of Print: Dist. of Chromosome Numbers in several strains of hela cells (orig not sharp)	Elkind Biology	A.Iasky	6-119-61
5/23/61	PM autograph 300X, #1	Dr.Tonna Med.	R.F.Smith	6-120-61
5/23/61	" " " , #2	"	"	6-121-61
5/23/61	" " " , #3	"	"	6-122-61
5/23/61	" " " , #4	"	"	6-123-61
5/23/61	" " " , #5	"	"	6-124-61
5/23/61	" " " , #6	"	"	6-125-61
5/23/61	" " " , #7	"	"	6-126-61

Date	Caption	Dept.	Photographer	Number
5/23/61	PM autograph, 300X, #7	Dr. Tonna Medical	R.F. Smith	6-127-61
5/23/61	" " , " , #8 (#9)	"	"	6-128-61
5/23/61	" " , " , #10	"	"	6-129-61
5/23/61	" " , " , #11	"	"	6-130-61
5/25/61	PM parasite Innes strain 1000X, Enlg. 3X	Dr. Innes Biology	R.F. Smith	6-131-61
4/25/61	PMagutograph- section of Neg. #2-209-61 Copyneg.	Dr. I. Schwartz Medical	Doug Humphrey	6- 132-61
5/26/61	Construction Schedule BNL 5/61	C. Falk Direct. Off	R.L. Fuka	6-133-61
5/31/61	Total Man year effort BN.	"	"	6-134-61
6/5/61	Copy of Computer Area Floor Plan Fig. 2	S. Rideout	A. Lasky	6-135-61
6/5/61	" " " " " " Fig. 1	"	"	6-136-61
6/5/61	Copy of Graph: Counts per channel vs. channel	Alburger Physics	A. Lasky	6-137-61
6/5/61	Copy of Schematic dwg.	"	"	6-138-61
6/5/61	Graph: Polarization Ratio Data	Nathans Physics	A. Lasky	6-139-61
6/5/61	Copy of Graph: Coincidences vs. channel number	Schwarzchild Physics	A. Lasky	6-140-61
6/5/61	Copy of Graph: Coincidences vs. channel number	"	"	6-141-61
6/5/61	Copy Graph: Rel. Coincidence Rate vs. Angle in degrees	"	"	6-142-61
6/5/61	Copy of Graph: Rel. Counts vs. Field Setting	"	"	6-143-61
6/5/61	Copy of Diagram	"	"	6-144-61

Date	Caption	Dept.	Photographer	Number
6/5/61	Copy of Graph: (Shot 1:1) Increasing negative potentinal scanned in o.01v. increments, etc.	C.Auerbach Nuc.Eng.	A.Lasky	6-145-61
6/5/61	~~Copy of Graph (Shot 1:1)~~ Copy of Altered BNL Print-Wiring diag. (to be assigned new neg #)	"	"	6-146-61
6/5/61	Copy of Colored Chart	Dr.Yamamoto Medical	A.Lasky delete	~~6-147-61 thru 6-148-61~~
5/26/61	Graph: BNL operating budge Fiscal Year 5/61	C.Falk Admin.	R.L.Fuka	6-147-61
6/6/61	Copy of Figure P-214 -Poor Original- Conf. on Shielding-High Energy Accel.	S.Lindenbaum Physics	A.Lasky	6-148-61
6/6/61	Copy of Fig.#8Pg.204 -Poor Original- Conf. on Shielding- high energy Accel.	"	"	6-149-61
6/6/61	Copy of Fig. Pg.4-poor book original- Conf. on s ielding-high energy accel.	"	"	6-150-51
6/6/61	Copy of Figure-Pg. 195 Conf. on Shielding High energy accel.	"	"	6-151-61
6/6/61	Copy of Fig. P.153- book orig- Conf. on Shielding-High enrergy accel.	"	"	6-152-61
6/6/61	Copy of Fig., pg.150-book orig- Conf. on Shielding-High energy accel.	"	"	6-153-61
6/6/61	Copy of Fig., pg. 104-book orig. Conf. on Shielding-High energy accel.	"	"	6-154-61
6/6/61	Copy of Fig., pg. 5 - book orig. Conf. on Shielding High energy Accel.	"	"	6-155-61
6/6/61	Copy of Fig., pg. 820 - book orig. Conf.,1960, on High Energy Physics University of Rochester	"	"	6-156-61
6/6/61	Copy of fig. ~~total~~ - book orig- Total gross sect vs. Nucleon Lab energy in Mev.	"	"	6-157-61
6/7/61	AGS Target Bdlg. Floor Plan #5	"	"	6-158-61
6/7/61	Graph: Binding vs. no segmented neutrophils	Cronkite Medical	R.L.Fuka	6-159-51

Date	Caption	Dept.	Photographer	Number
6/7/61	Graph: Binding vs. metamyelocytes	Cronkite Med.	R.L.Fuka	6-160-61
6/7/61	Graph: Binding vs. segmented neutrophils	"	"	6-161-61
6/7/61	Graph: Binding vs. myelooytes	"	"	6-162-61
6/7/61	Graph: Binding vs. segmented and non gegmented neutrophils	"	"	6-163-61
6/7/61	Graph: ~~Binding~~ Acute myeloblastic leukemia	"	"	6-164-61
6/7/61	Graph: Acute Lymphoblastic leukemia (Ke)	"	"	6-165-61
6/7/61	Graph: Chronic lymphocytic leumkmmia	"	"	6-166-61
6/7/61	Graph: Chronic lymphocytic leukemia (E.F.)	"	"	6-167-61
6/7/61	Graph: Chronic lymphhmyctic leukemia (G.S.)	"	"	6-168-61
6/7/61	Graph: Chronic Myelocytic Leukemia (L.W.)	"	"	6-169-61
6/7/61	GraphL Chronic Myelocytic leukemia (N.C.)	"	"	6-170-61
6/7/61	Graph: Normal (P.S.)	"	"	6-171-61
6/7/61	Graph: Polycythemia Vera (K.W.)	"	"	6-172-61
6/7/61	Graph: Acute monycytoid myeloblastic Leukemia (C.G.)	"	"	6-173-61
6/7/61	Graph: Hyperleucocytosis (Hal)	"	"	6-174-61
6/7/61	Graph: See neg. envleope for further info. see neg. envelope for composite no's.	"	"	6-175-61

Date	Caption	Dept.	Photographer	Number
6/7/61	Table: Equations A & B	VanHook Chemistry	R.L.Fuka	6-176-61
6/7/61	Table: Equation	"	"	6-177-61
6/7/61	Table: Greens Felder and VH Data	"	"	6-178-61
6/7/61	Copy of Composite of photos BNL Neg. #120258-59, #12-132-59)	Dr.Yamamoto Med.	A.Lasky	6-179-61
6/7/61	Graph: See neg. envelope for fommula	Hahn Chem.	R.L.Fuka	6-180-61thru 6-181-61
6/7/61	Graph: Counts per channel vs. Heavy fragment energy in Mev	T.D.Thomas Chemistry	R.L.Fuka	6-182-61
6/7/61	Graph: Fission Yield & Av. Total energy vs. total energy vs. mass number.			6-183-61
6/7/61	Composite of 5-480-61, 8-529-60, w/A&B added	Dr.Schwartz Med.	R.LFuka	6-184-61
6/7/61	Graph: Nusselt number vs. peclet no. $x10^{-3}$	O.Dwyer Nuc.Eng.	R.L.Fuka	6-185-61
6/7/61	Table: Sensitivity Data	VanSlyke Med.ical	R.L.Fuka	6-186-61
6/7/61	Graph: Expected Relative Optical Density shift vs. concentration of pCMB/ concentration of titered compound	Aggenstein Biology	R.L.Fuka	6-187-61
6/7/61	Copy of photo: of G.R. Holeman	A.Carsten Health Phsy.	R.L.Fuka	6-188-61
6/7/61	Copy of Photo: of G.Barone	"	"	6-189-61
6/7/61	Copy of Photo: of R. Neill	"	"	6-190-61
6/7/61	Schematic: Linac & Adjoining Area	R.King A.G.S.	"	6-191-61
6/7/61	Schematic:	"	"	6-192-61

Date	Caption	Dept.	Photographer	Number
6/7/61	Composite of I. Newton, J.C. Maxwell, A.Einstein	J.Blewett A.G.S.	A.Lasky	6-193-61
6/7/61	Compositeof: McMillan, Veksler	"	"	6-194-61
6/7/61	Copy of Table: (shot 1:1) Effect of intravenoulsy administered metabolites on consumption of feed by identical twin cows (Poor book orig)	Dr.Schwartz Med.	A. Lasky	6-195-61
6/7/61	Table: Tissue concentration of AU 198 etc.	Schwartz Med.	A. Lasky	6-196-61thru 6-197-61
6/7/61	Copy of 9" x 9" Color Aerial Transp (2-10)	GM.Woodwell Biology	Fuka/Lasky	6-198-61
6/7/61	Copy of 9" x 9" Color Aerial transp.(2-9)	"	"	6-199-61
6/7/61	Copy of 9" x 9" Color Aerial Transp (2-8)	"	"	6-200-61
6/7/61	Copy of Color Aerial 9" x9" (2-3)	"	"	6-201-61
6/7/61	Copy of 9" x 9" Color Aerial (1-2)	"	"	6-202-61
6/7/61	Copy of 9" x 9" Color Aerial Transp(2-7)	"	"	6-203-61
6/7/61	Copy of 9" x9" " " " (2-5)	"	"	6-204-61
6/7/61	" " " " " " (2-11)	"	"	6-205-61
6/7/61	" " " " " " (2-6)	"	"	6-206-61
6/7/61	" " " " " " (2-4)	"	"	6-207-61
6/7/61	" " " " " " (BR-5-5-61, 1:1)	"	"	6-208-61
6/7/61	Copy of 9"x9" Color Aerial Transp. (2-2)	"	"	6-209-61

Date	Caption	Dept.	Photographer	Number
6/7/61	Copy of 9"x9" Color Aerial Transp (2-12)	Woodwell Biology	Fuka/Lasky	6-210-61
6/7/61	Copy of 9"x9" Color Aerial Transp. (BR 5-561-2-1)	"	"	6-211-61
6/6/61	Patient #8786R Taken 6/6/61	Dr. Cottier Medical	R.F.Smith	6-212-61
6/2/61	Nak Loop Progress	Scarlett Nuc. Eng.	M. Rosen	6-213-61thru 6-215-61
6/7/61	Composite of 1-134-61, 1-143-61	R. Nathans Physics	R.L. Fuka	6-216-61
6/7/61	Composite of: 1-144-61, 2-397-61	"	"	6-217-61
6/2/61	Automatic sampling counter	L. Marcus Meterology	R.J.Walton	6-218-61thru 6-219-61
6/14/61	Monitoring Equipment	J. Chester Health Phys.	R.J.Walton	6-220-61
6/8/61	Table: II, Book orig. shot 1:1 Decay modes, branching ratios & etc.	Schwarzchild Physics	A. Lasky	6-221-61
6/8/61	Table III: Decay Modes, Branching Ratios etc., (Pg. 233 rev. of Mod. Physics April 1961)	"	"	6-222-61
6/8/61	TableI: (pg.232 Rev. of Modern Phys. 4/61) Intrinsig Properties of Elementary Particles	"	"	6-223-61
6/8/61	Graph: Error curves for various averaging lengths	"	"	6-224-61
6/8/61	Graph: Error curves for vaious time lags downwind case, etc.	"	"	6-225-61
6/8/61	Graph: Error curves for various predictor lengths, etc.	"	"	6-226-61

Date	Caption	Dept.	Photographer	Number
6/8/61	Graph: Error curves fof various ti e lags	Singer Meterology	A.Lasky	6-227-61
6/8/61	Graph: Typical horizontal cross-spectra for various gustiness regimes.	"	"	6-228-61
6/8/61	Graph: Typical Horizontal Wind spectra for various gustiness regimes	"	"	6-229-61
6/8/61	Graph: Normalized Horizontal Wind Speed Spectra	"	"	6-230-61
6/8/61	Copy of seal for 1961 Int. Conf.High Energy Accelerators	C.Hammond Administration	"	6-231-61
6/8/61	Graph: Temp. Difference Between Graphite and Air Along the Channel (2" diam. -15 scfm)	D.Schweitzer Metallurgy	A.Lasky	6-232-61
6/8/61	Graph: See neg. envelope for formula	O.Schaeffer Chemistry	Lasky	6-233-61
6/8/61	Graph: Sericite Data	B.Bassett Chemistry	A.Lasky	6-234- 61
6/8/61	Copy of Schematic Alkali Metal Heal Transfer Loop	Dwyer Nec.Eng.	A.Lasky	6-235-61
6/8/61	Copy of Schematic: Boiline Loop Flow Sheet BNL boiling Potassium Project	"	"	6-236-61
6/8/61	Copy of Schematic Hot Loop Flow Sheet BNL Boiling Potssium Project	"	"	6-237-61
6/5/61	PM autograph 800X	J.Brown Biology	R.F. Smith	6-238-61thru 6-241-61
6/5/61	PM autograph 480X	"	"	6-242-61thru 6-244-61

Date	Caption	Dept.	Photographer	Number
6/7/61	Unit #80253 R	Papavasilio Medical	R.J.Walton	6-245-61thru 6-256-61
6/9/61	Graph: Dalitz Plot-see neg.for formula	Willis/Luers Physics	A.Lasky	6-257-61
6/9/61	Copy of Schematic Diagram	"	"	6-258-61
6/9/61	Graph	"	"	6-259-51
6/9/61	Copy of Photography (shot 1:1)	H.Courtney Physics	A. Lasky	6-260-61
6/9/61	Copy of Diagram: Book original: Development of Principal Brain Divisions, etc. (Fig 339 Pg. 560 The Vertebrate Body")	Dr.Schwartz Medical	A. Lasky	6-261-61
6/9/61	Copy of Diagram: Book original: Median section of the brains, etc. Fig. 345, Pg. 566 "The Vertebrate Body"	"	"	6-262-61
6/9/61	Copy of Diagram: Book original: Rel. Positions in a sagittal plane of the Hypothalmic Nuclei, etc. (Fig. 389, pg. 1129 "Med. Physiol 10th Edition, 1956)	"	"	~~6-262-61~~ See 6-288-61
6/6/61	H_2 Liquifier Damage	McLaughlin Cosmotron	M.Rosen	6-263-61thru 6-267-61
6/5/61	#1, #1422-59, 63X (1)	Dr.Cronkite Medical	R.F.Smith	6-268-61 C6-268-61
6/5/61	#4, Slide 2146-60, 63 X (1)	"	"	6-269-61 C6-269-61
6/5/61	#3, Slide 1608-60, 63X (1)	"	"	6-270-61 C6-270-61
6/5/61	#2, Slide 2167-60, 63X (1)	"	"	6-271-61 C6-271-61

Date	Caption	Dept.	Photographer	Number
6/9/61	Graph - Particles per Bev/c, etc. vs. Momentum p (Bev/C)	W.Love Physics	A. Lasky	6-272-61
	" Ratio vs. Momentum p (Bev)			6-273-61
	" Ratio vs. Momentum p (Bev/C)			6-274-61
	" Particles per Bev/C etc. vs. Momentum p (Bev/C)			6-275-61
6/8/61	Meteroite	O.Schaeffer Chemistry	R.J.Walton	6-276-61
6/8/61	Pm Path 120 X (1)	Robertson Medical	R.F.Smith	6-277-61 thru C6-277-61 thru 6-278-61 C6-278-61
6/12/61	Typed Table - Formula	Dr.Fine	H. Ruhnke	6-279-61
	" " Production etc,, Interaction, etc.			6-280-61
	" " Gamma Radiation	Medical		6-281-61
	Typed Chart - Roentgen, etc.			6-282-61
	Diagram - Diagrammatic representation of a scintillation counter.			6-283-61
	" Construction of simple Geiger-Muller tube.			6-284-61
	" Simplified circuit for integrative type of ionization chamber.			6-285-61
	" Simplified circuit for ionization chamber particle counter.			6-286-61
	" Principle of the magnetic lens spectrometer for determining B-particle.			6-287-61
	" The thickness of half-thickness with respect to the beam intensity.			6-288-61
	" Delta tracks.			6-289-61
	Schematic Diagram of the deflection chamber of a magnetic spectrograph for a-particles.			6-290-61
	Curve Graph - a Intensity vs. Distance b # of particles vs. Distance.			6-291-61
	Curve - Pulse Height analyzer.			6-292-61
	" Poor overload characteristic, good overload characteristic.			6-293-61
	" Resolving time.			6-294-61

Date	Caption	Dept.	Photographer	Number
6/12/61	Curve	Dr. Fine	H. Ruhnke	6-295-61
	" Before amplification, after amplification.	Medical		6-296-61
	" Secular equilibrium.			6-297-61
	" Radioactive decay the ½ life.			6-298-61
	" Analysis of a composite decay curve.			6-299-61
	" Before amplification, after ~~amplication~~ amplification.			6-300-61
	" Transient equilibrium, etc.			6-301-61
	" Continuous B-particle spectra.			6-302-61
	" Variative with applied voltage of pulse size due to ionizing particle.			6-303-61
	" Variation with applied voltage of # of pulses received per minute due to ionization radiation.			6-304-61
	" Half value layers for lead absorbers.			6-305-61
	" Mass absorption coefficient for lead.			6-306- 6 1
	" lnI vs. absorber thickness.			6-307-61
	" Bragg curve for alpha particles.			6-308-61
6/5/61	Transformer on Flat Car	Myott AEC	M. Rosen	6-309-61 thru 6-310-61
6/12/61	Curve - Q-values	Pickup Physics	H. Ruhnke	6-311-61
	" Chew - Low Extrapolation			6-312-61
	" Momentum Dist. of Protons in CMS			6-313-61
	" Angular Dist. of Nucleons in CMS			6-314-61
	" Q-values			6-315-61
	" Momentum of Pions in CMS			6-316-61
	" Momentum of Protons in CMS			6-317-61
	" Momentum of Neutrons in CMS			6-318-61
	" Beam characteristics			6-319-61
	" Partial inelastic cross section in P - P Collisions.			6-320-61
	" Elastic scattering in P - P collision at 2 BEV.			6-321-61
	" Angles between Particles.			6-322-61
	" Q values in P + P etc.			6-323-61

Date	Caption	Dept.	Photographer	Number
6/12/61	Curve - Angle correlation in P+P, etc.	Pickup Physics	H. Ruhnke	6-324-61
6/13/61	Typed Table - Exposure ages of iron meteorites from Ar36 - C136	O. Schaeffer Chemistry	H. Ruhnke	6-325-61
	" Radioactivities in Meteorites in dpm/kg.			6-326-61
	" Helium - Uranium ages of iron meteorites.			6-327-61
	" 2 Constancy of Cosmic Rays in time.			6-328-61
	" Helium Isotope abundances.			6-329-61
	" He3 - Tritium ages.			6-330-61
	" Exposure ages of iron meteorites from Ar36 - C136.			6-331-61
	" 'tis true------			6-332-61
	" Helium Isotope abundances.			6-333-61
	" "And when the town clerk ---			6-334-61
	" "For use can almost change--			6-335-61
	Drawing from Book - Meteoritenmunze.			6-336-61
	" " " Meteoritenfall von Ensisheim, Elsab.			6-337-61
	Picture from Book - Meteorstein von Ensisheim.			6-338-61
	" " " Niedergang des Eisenmeteoriten von Sichote Alin, etc.			6-339-61
6/12/61	Iodine Generator	Banslaben Hot Lab	R. Walton	6-340-61 thru 6-341-61
6/8/61	Plant section 300X	Dr. Mericle Biology	R. F. Smith	6-342-61
	Plant section 800X	Bro Biology		6-343-61
6/6/61	Broken Tensile Test Specimens (Samples K-55)	Goodzeit Physics	M. Rosen	6-344-61
	" " " " (Samples CK-20)			6-345-61
6/12/61	Meteorite	R. Davis Chemistry	R. Walton	6-346-61

Date	Caption	Dept.	Photographer	Number
6/9/61	Pm Brain section with autograph 100X	Schwartz	R.F.Smith	6-347-61
	Pm Brain section showing autograph 100X	Medical		6-348-61 thru
				6-349-61
6/13/61	Target	Leipuner Cosmotron	H. Ruhnke	6-350-61
6/12/61	Portrait - Clark Williams	C.Williams Nuc.Eng.	M. Rosen	6-351-61
6/13/61	Graph - Normalized horizontal wind speed spectra for Hurricane & strong wind cases.	Schroeder Meterology	H. Ruhnke	6-352-61
	" Horizontal wind speed spectra for low wind speed cases.			6-353-61
	" Horizontal wind speed spectra for Hurricane & strong wind cases.			6-354-61
	" Horizontal wind speed spectra, after passage period Hurricane Donna.			6-355-61
	" 5 Minute rainfall Hurricane Donna.			6-356-61
	" Horizontal wind speed spectra, peak-wind period Hurricane Donna.			6-357-61
	" Horizontal wind speed spectra for eye period Hurricane Donna.			6-358-61
	" Normalized Horizontal wind speed spectra for typical stability conditions.			6-359-61
	" Periodicity in rainfall vs. distance of Hurricane center.			6-360-61
	" Track of Hurricane Donna, 1960.			6-361-61
	" Horizontal wind speed spectra, typical stability conditions.			6-362-61
	" Smoothed 5 minute rainfall & peak winds Hurricane Donna.			6-363-61
	" Horizontal wind speed spectra, before-passage period Hurricane Donna.			6-364-61
	" 300 ft. wind & direction traces Hurricane Donna.			6-365-61
	Typed Table - Stability ------ Mean P			6-366- 61

Date	Caption	Dept.	Photographer	Number
6/14/61	Table	Pickup Physics	H. Ruhnke	6-367-61 thru 6-368-61
6/14/61	Graph	Carsten H.P.	H. Ruhnke	6-369-61
6/14/61	Site Map	Anderson Dir.Office	H. Ruhnke	6-370-61
6/14/61	Curve - Formula	Quastler Biology	H. Ruhnke	6-371-61
6/14/61	Composite Trace	Friedman Chemistry	H. Ruhnke	6-372-61
6/9/61	Inside tank car	P. Borzi Supply/Mat.	R. Walton	6-373-61 thru 6-375-61
6/9/61	Plants from radiation field. (2)	L.Schairer Biology	R. Walton	6-376-61 thru C6-376-61 thru 6-378-61 C6-378-61
6/9/61	Frost damage to trees.	Woodwell Biology	R. Walton	6-379-61 thru 6-382-61
6/14/61	Copy of Color Aerial	Woodwell Biology	H. Ruhnke	6-383-61 thru 6-388-61
6/14/61	Graph Graphs - Days from Germination	Smillie Biology	H. Ruhnke	6-389-61 thru 6-398-61 6- 399-61
6/7-61	Mutant Iris (4)	Brewbaker Biology	R. Walton	C6-400-61
6/14/61	Graph - Effect of Filtration on DoseRate	Helferich H.P.	H. Ruhnke	6-401-61
6/14/61	Drawing - Rough Hydrodynamic Analogues	Steele Biology	H. Ruhnke	6-402-61
6/14/61	Graph - Acetone Acedic Acid Nickel Powder Ammonium Citrate	Meyers Physics	H. Ruhnke	6-403-61 6-404-61 6-405-61 6-406-61

Date	Caption	Dept.	Photographer	Number
6/14/61	Graph - Teflon	Meyers	H. Ruhnke	6-407-61
	Ammonium Perchlorate	Physics		6-408-61
	Ammonium Acetate			6-409-61
	Ammonium Sulfate			6-410-61
	Ammonium Thiocyanite			6-411-61
	Ammonium Nitrate			6-412-61
	Ammonium Phospate			6-413-61
	Xylene			6-414-61
	Ammonium Persulfate			6-415-61
	Toluene			6-416-61
	Furfural			6-417-61
	Ammonium Carbonate			6-418-61
6/8/61	Legume Plants & Roots	Schwinghamer Biology	M. Rosen	6-419-61 thru 6-420-61
6/14/61	Composite X-Ray	Dr. Jansen Medical	H. Ruhnke	6-421-61 thru 6-422-61
6/15/61	Map - Uranium Prospects or Anomalies	Bassett Chemistry	H. Ruhnke	6-423-61
6/15/61	Fig. 1 Copy of 6-275-61(with caption)	Lindenbaum	H. Ruhnke	6-424-61
	Fig. 2 " 6-272-61 " "	Physics		6-425-61
	Fig. 3 " 6-273-61 " "			6-426-61
	Fig. 4 " 6-274-61 " "			6-427-61
6/9/61	#1 6-8-61 (15 secs 20 lbs.) 1000X	L. Marcus	R.F.Smith	6-428-61
	#2 6-8-61 (10 secs 38 lbs.) 1000X	Meteorology		6-429-61
	# 3 6-8-61 (10 secs 20 lbs.) 1000X			6-430-61
	#4 6-8-61 (5 secs 20 lbs.) 1000X			6-431-61
	#5 6-8-61 (10 secs 30 lbs.) 1000X			6-432-61
6/15/61	Fig. 1 - Drawing - Reaction vessel with Co60 Source array.	Steinberg Nuc.Eng.	H. Ruhnke	6-433-61
	Fig. 2a - Curve - Vessel efficiency vs. vessel radius in mean free paths.			6-434-61
	Fig. 2b - Curve - Vessel efficiency vs. vessel diameter for ethylene at density.			6-435-61

Date	Caption	Dept.	Photographer	Number
6/15/61	Fig. 3a - Curve - Cell efficiency vs. Source rod separation, etc.	Steinberg Nuc. Eng.	H. Ruhnke	6-436-61
	Fig. 3b - Curve - Cell efficiency vs. Source rod separation, etc.			6-437-61
	Fig. 4 - Curve - Pressure vessel cost, as a function of wall thickness.			6-438-61
6/16/61	Fig. 1 Schematic	Barton Physics	H. Ruhnke	6-439-61
	Fig. 2 "			6-440-61
	Fig. 3a Diagram			6-441-61
	Fig. 3b "			6-442-61
	Fig. 4a "			6-443-61
	Fig. 4b "			6-444-61
	Fig. 4c "			6-445-61
	Fig. 5 "			6-446-61
6/14/61	Frost damage to trees	Woodwell Biology	R. Walton	6-447-61 thru 6-450-61
6/14/61	Frost damage to trees	Woodwell Biology	R. Walton	C6-451-61 thru C6-458-61
	(Old) Negatives - Goudsmit's Associates	Goudsmit Physics	Dr. Goudsmit	6-459-61 thru 6-464-61
6/16/61	Nuc. Eng. Building - Exterior	V. Brown Personnel	M. Rosen	6-465-61 thru 6-466- 61
6/19/61	Graph - Cross section of Pseudo Fission Product.	M. Levine Nuc. Eng.	H. Ruhnke	6-467-61
	" Effect of Burn-up Fission Poisoning.			6-468-61
	" Yield of Pseudo Fission Product.			6-469-61
6/19/61	Graph: Particle Ratios at the Target, Lab Production Angle 4.75°	S. Lindenbaum Physics	H. Ruhnke	6-470-61

Date	Caption	Dept.	Photographer	Number
6/19/61	Graph: Momentum p(Bev/c) vs. Ratio	S. Lindenbaum Physics	H. Ruhnke	6-471-61
6/19/61	Graph: Particle Ratios at the Target Lab Production Angle 9°	"	"	6-472-61
6/19/61	Graph: The momentum Spectra of 2 Mesons at 4.75° For 10-30 Bev Protons incident on Be and Al targets.	"		6-473-61
	Graph - Lab Momentum p (Bev/c) vs. d2N/dvdp oarticles per Bev/c per Steradian per circulating proton.	"		6-474-61
6/19/61	Graph	Poskanzer Chemistry	H. Ruhnke	6-475-61 thru 6-485-61
	Schematic			6-486-61 thru 6-487-61
6/14/61	Pm Path 120X (1) Pm Path 300X (1)	Dr. Nielsen Medical	R.F. Smith	6-488-61 C6-488-61 6-489-61 C6-489-61
6/20/61	Graph	Schwartzchild Physics	H. Ruhnke	6-490-61
6/16/61	Radiating mice at Cosmotron (color negative on file also)	Lippincott Medical	Walton/Rosen	6-491-61 CN6-491-61
6/8/61	NaK Loop Progress	Scarlett Nuc. Eng.	M. Rosen	6-492-61 thru 6-495-61
6/15/61	Color flecking in flower petal	Shapiro Biology	R. Walton	CN6-496-61 thru CN6-497-61
6/19/61	Pm Path 300X (Bev [illegible])	Dr. Calvo Medical	R.F. Smith	6-498-61 CN6-498-61
6/14/61	Pm Chromosomes 1000X	A. Haque Biology	R.F. Smith	6-499-61 thru 6-512-61

Date	Caption	Dept.	Photographer	Number
6/20/61	Graph - Magnetic Field Strength	Tench Chemistry	H. Ruhnke	6-513-61
6/20/61	Graph - Angle to Fission Fragment	Katcoff	H. Ruhnke	6-514-61
	Angle between Fission Fragments	Chemistry		6-515-61
	Velocity in Units of 0.01c vs. Range in u.			6-516-61
	Mev vs. Relative Frequency			6-517-61
	Velocity in Units of 0.01c			6-518-61
	Angle between Fission Fragments			6-519-61
	Range Ratio vs. Relative Yield			6-520-61
	Angle of a to Fission Fragment			6-521-61
	Range Ratio vs. Relative Yield			6-522-61
	Mev vs. Relative Frequency			6-523-61
	Angle of a to Fission Fragment			6-524-61
~~6/20/61~~	~~Graph - Relationship between Mean DNA values per chromosome & radio-sensitivity in 5 species of plants.~~ DELETE	~~Mikesche Biology~~	~~H. Ruhnke~~	~~6-525-61~~
6/20/61	~~Copy from Picture - Marvin Loring~~	~~M. Hughes Security~~	~~H. Ruhnke~~	~~6-525-61~~ DELETE
6/20/61	Copy from Print	Burns Physics	H. Ruhnke	6-526-61 thru 6-531-61
6/20/61	Schematic - Sample holder for high temperature anneal.	A. Auskern Meteorology	H. Ruhnke	6-532-61
	" Charcoal traps.			6-533-61
	" Fission gas annealing system.			6-534-61
	" Dissolving system for collecting residual fission gases.			6-535-61
	" Quartz irradiation & annealihg capsule.			6-536-61
6/15/61	Ward Scenes	Dr. Cronkite Medical	J.F. Garfield	~~6-537-~~
	Frame #3			6-537-61
	Frame #4	"	"	6-538-61

Date	Caption	Dept.	Photographer	Number
6/15/61	Ward Scenes	Dr. Cronkite Med.	J.F. Garfield	
	Frame #5	"	"	6-539-61
	Frame #6	"	"	6-540-61
	Frame #10	"	"	6-541-61
	Frame #15	"	"	6-542-61
	Frame #16	"	"	6-543-61
	Frame #19	"	"	6-544-61
	Frame # 21			6-545-61
	Frame #24			6-546-61
	Frame #25			6-547-61
	Frame #28			6-548-61
	Frame #35			6-549-61
6/20/61	Typed Table	Poskanzer Chemistry	H. Ruhnke	6-550-61
6/20/61	Graph - Book Original	A. Carsten Biology	H. Ruhnke	6-551-61
6/20/61	Graph - Distance from Core Edge	O'Donnell Nuc. Eng.	H. Ruhnke	6-552-61
6/20/61	Schematic - Kinematics of (p.2 Nucleon) Reaction Mechanisms.	Carretto Chemistry	H. Ruhnke	6-553-61
6/20/61	Schematic	J. Olson	H. Ruhnke	6-554-61
	Graph - Wave length (mu) vs. Absorbance	Biology		6-555-61
	Graph			6-556-61 thr
				6-557-61
6/20/61	Schematic	P. Wilson Physics	H. Ruhnke	6-558-61 thr
				6-559-61
6/20/61	Graph - Excitation Function for Ba140	Friedlander Chemistry	H. Ruhnke	6-560-61
	Anomalous shape of Ba131 excitation function.			6-561-61
	Mass 129 excitation functions.			6-562-61
	Excitation functions of Neutron deficient Mass chains.			6-563-61
	Mass 127 Excitation functions.			6-564-61

Date	Caption	Dept.	Photographer	Number
6/20/61	Graph - Independent formation cross-sections of neutron excess cessium isotopes.	Friedlander Chemistry	H. Ruhnke	6-565-61
	Fission yield per mass # at A130			6-566-61
	Peak energies for fission product excitation functions.			6-567-61
	Half-width of charge distribution vs. Proton energy.			6-568-61
	Rubidium excitation functions.			6-569-61
	Displacement of Zp from stability.			6-570-61
	Excitation functions for independently formed neutron, etc.			6-571-61
6/20/61	Graph	Friedlander Chemistry	H. Ruhnke	6-572-61 thru 6-579-61
6/19/61	Pm Plant section 300X	Dr. Mericle Biology	R.F. Smith	6-580-61
6/22/61	Graph - Appearance of C14 in Blood glucose after 2-C14 Pyruvate injection.	DeMeutter Medical	H. Ruhnke	6-581-61
	" C14 incorporation into glucose from 2-C14 pyruvate.			6-582-61
6/22/61	Paste Up - Beam Bunch shapes with incorrect frequency injection.	Plotkin ADD	H. Ruhnke	6-583-61
	Graph - Time-Milliseconds after injection.			6-584-61
	" Injection frequency error - %			6-585-61
	Graph			6-586-61
	Schematic - Effects of wrong frequency injection.			6-587-61
6/22/61	Graph - Daily dose required to produce severe growth inhibition.	Sparrow Biology	H. Ruhnke	6-588-61
6/21/61	Graph	C. Auerbach Hot Lab	H. Ruhnke	6-589-61

Date	Caption	Dept.	Photographer	Number
6/20/61	Damage to pigs - on flatcar	F.Dugan Reactor	R. Walton	6-590-61 thru 6-593-61
6/16/61	NaK Loop Progress	C.Scarlett Nuc.Eng.	M. Rosen	6-594-61 thru 6-596-61
6/22/61	Schematic	D.Shaver Biology	H. Ruhnke	6-597-61
6/22/61	Schematic	B.Bassett Chemistry	H. Ruhnke	6-598-61 thru 6-599-61
6/22/61	Graph - Velocity (mm/sec) vs. Relative count.	J.Swan Physics	H. Ruhnke	6-600-61 thru 6-601-61
6/22/61	Book Original 1:1	Marshall/ Wattenbery Physics	H. Ruhnke	6- 602-61
6/19/61	Mutant flowers	S.Shapiro Biology	R. Walton	6-603-61 thru C6-603-61 thru 6-604-61 C6-604-61
6/20/61	Plants in Gamma field	A.Sparrow Biology	R. Walton	6-605-61 thru C6-605-61 thru 6-607-61 C6-607-61 CN6-606-61
6/16/61	Color Mutations Flowers (3)	S.Shapiro Biology	R. Walton	C6-608-61 thru C6-613-61
6/20/61	Tradescantia Buds (2)	Sparrow Biology	R. Walton	C6-614-61 thru C6-615-61
6/19/61	Radiated Rats	Dr.Jansen Medical	R. Walton	6-616-61 thru 6-620-61
6/20/61	Progress on building construction	K.Downes HFBR	R. Walton	6-621-61

Date	Caption	Dept.	Photographer	Number
6/20/61	Inside silo - showing arrangement of support beams for control rods.	J.Phelps HFBR	R. Walton	6-622-61
	Inside silo - showing drive motor & cradle for uranium stacks.			6-623-61
6/19/61	Elect. Duct Bank (const.)	Myott AEC	M. Rosen	6-624-61 thr 6-632-61
6/14/61	#1-1 Weser Liver Biopsy Reticulum stain 63X	Cronkite Medical	R.F.Smith	6-633-61 C6-633-61
	1-2 " " " " " 100X			6-634-61 C6-634-61
	1-3 " " " PAS stain 39.69X			6-635-61 C6-635-61
	1-4 " " " " " 160X			6-636-61 C6-636-61
	1-5 " " " " " 160X			6-637-61 C6-637-61
	1-6 " " " " " 160X			6-638-61 C6-638-61
	1-7 " " " " " 160X			6-639-61 C6-639-61
	2-1 " " " " " 160X			6-640-61 C6-640-61
	2-2 " " " Gomori Iron Stain 160X			6-641-61 C6-641-61
	2-3 " " " " " " 100X			6-642-61 C6-642-61
	2-4 " " " " " " 160X			6-643-61 C6-643-61
	2-5 " " " H & E 100X			6-644-61 C6-644-61
	2-6 " " " " " 40X			6-645-61 C6-645-61
	2-7 " " " " " 160X			6-646-61 C6-646-61
	(4 each color)			
6/23/61	X Ray with overlay	Amato Medical	H. Ruhnke	6-647-61 thru 6-648-61
	Composite X ray with overlay			6-649-61 thru 6-650-61
6/20/61	Rat # 1 - Tumors (2)	Cronkite Medical	R. Walton	6-651-61 C6-651-61
	Rat # 2 Tumors (2)			6-652-61 C6-652-61
	Internal view of inter-peritoneal cavity showing tumor. (2)			6-653-61 thru C6-653-61 thru 6-654-61 C6-654-61
6/26/61	Schematic	S.Pickart Physics	H. Ruhnke	6-655-61
	Graph			6-656-61

Date	Caption	Dept.	Photographer	Number
6/26/61	Graph - Wave length (mu) vs. optical density.	Dr.Borg Medical	H. Ruhnke	6-657-61
6/26/61	Graph - Formula	Dr.Borg Medical	H. Ruhnke	6-658-61
6/26/61	Graph - (Lab) vs. Differential cross section.	Warburton Physics	H. Ruhnke	6-659-61 thru 6-660-61
6/26/61	Typed Table - Table VII HFBR Design Parameter list.	J.Hendrie Nuc.Eng.	H. Ruhnke	6-661-61
6/26/61	Graph - Neutron Wave length (A)	Rush Chemistry	H. Ruhnke	6-662-61
6/26/61	Graph	T.Yao Physics	H. Ruhnke	6-664-61 thru 6-671-61
6/26/61	Graph - Center of Mass vs. Differential cross section.	Warburton Physics	H. Ruhnke	6-672-61
	" Channel # vs. counts per channel			6-673-61
	" Momentum transfer.			6-674-61
	" Channel # vs. counts per channel.			6-675-61
6/26/61	Schematic Composite - Employment of the 3 Mev Van De Graaff generator in production of monoenergetic fast neutrons for Spleen-Thymus weight loss studies in mice.	Dr.Bateman Medical	H. Ruhnke	6-676-61
6/15/61	Portrait - Emil Harenberg Cosmotron	V.Brown Personnel	M. Rosen	6-677-61
	" William Sukov Shops			6-678-61
	" George Morrin Cosmotron			6-679-61
6/23/61	PM Chromosomes 1000X	Sparrow Biology	R.F.Smith	C6-680-61 thru C6-699-61
6/27/61	Copy of 2-206-61 1:1	Dr.Debons Medical	H. Ruhnke	6-700-61

Date	Caption	Dept.	Photographer	Number
6/27/61	Copy of Polaroid Picture 1:1	Benkenstein Cosmotron	H. Ruhnke	6-701-61 thru 6-707-61
6/27/61	Copy of Polaroid picture 1:1	Meuther Physics	H. Ruhnke	6-708-61 thru 6-709-61
6/23/61	PM of meteor particles	R. Davis Chemistry	R.F.Smith	6-710-61 thru 6-712-61
6/23/61	NaK Loop (Progress)	C.Scarlett Nuc.Eng.	M. Rosen	6-713-61 thru 6-715-61
6/27/61	Typed Table - Glycolate Pathway	Smillie Biology	H. Ruhnke	6-716-61
	" " Enzymes of the photo-reductive cycle in Chlorobium.			6-717-61
	" " Incorp. of C14 from NaHC1403 into aspartate by sonic extracts of Chromatium.			6-718-61
6/27/61	Graph	Dr.Bond Medical	H. Ruhnke	6-719-61 thru 6-720-61
	Graph - Mean Blood values on control & irradiated dogs.			6-721-61
	" Platelet & leukocyte response after bleeding in control & recovered lethally irradiated dogs.			6-722-61
	" Mean blood values in control & recovered lethally irradiated dogs after bleeding.			6-723-61
6/27/61	Graph - Regions of linear instability of the fundamental, prompt xenon neglected.	Lellouche Physics	H. Ruhnke	6-724-61
	" Variation in first harmonic stability with # of terms of the modal expansion.			6-725-61
	" Comparison of local & integrated temperature - Flux coupling.			6-726-61

Date	Caption	Dept.	Photographer	Number
6/27/61	Graph - Regions of stability of the first axial harmonic - prompt xenon neglected.	Lellouche Physics	H. Ruhnke	6-727-61
	" Regions of stability of the first azimuthal harmonic - prompt xenon neglected.			6-728-61
	" Critical oscillation of the axial fundamental & first harmonic.			6-729-61
6/21/61	Hi-Level Rad. Lab. (Model)	O.Kuhl Nuc.Eng.	M. Rosen	6-730-61
	Hi-Level Rad. Lab. Construction			6-731-61
6/23/61	Bldg. 603 Sub. Station Add. - Progress	Moore AEC	M. Rosen	6-732-61
	Metallurgy Bldg. Extension Progress			6-733-61
	Critical Facility Addition - Progress			6-734-61
	High Level Rad. Lab. (Constr. Prog)			6-735-61
6/19/61	General shots in Gamma Field	L.Schairer Biology	R. Walton	C6-736-61 thru C6-747-61
6/22/61	Medical Exhibit	A.Finn Medical	M. Rosen	6-748-61 CN6-748-61
6/23/61	Iron trap cage showing spectral colors INTERNEGATIVE CN 6-750-61	B.Dryden AGS	R. Walton	C6-749-61 thru C6-750-61 CN6-750-61
6/27/61	PM Particles #1 - 6/19/61 - 60 secs. 20 lbs. 1000X	L.Marcus Meteorology	R.F.Smith	6-751-61 thru 6-752-61
	" " #2 - 6/19/61 - 180 secs 20 lbs. 1000X			6-753-61 thru 6-754-61
	" " #3 - 6/19/61 - 120 secs 20 lbs. 1000X			6-755-61 thru 6-756-61
	" " #4 - 6/19/61 - 30 secs. 20 lbs. 1000X			6-757-61 thru 6-758-61
6/26/61	HFBR test section	M.Rosso Nuc.Eng.	R. Walton	6-759-61 thru 6-761-61

Date	Caption	Dept.	Photographer	Number
6/26/61	HFBR test section	M.Rosso Nuc.Eng.	R. Walton	6-762-61 thru 6-764-61
6/27/61	Mercury Loop	J.Kline Nuc.Eng.	R. Walton	6-765-61 thru 6-768-61
6/27/61	Composite of PM's - Figures 1 & 2 " " " " 3,4, & 5	H. Curtis Biology	H. Ruhnke	6-769-61 6-770-61
6/28/61	Schematic Graph	Ch. Liu Nuc.Eng.	H. Ruhnke	6-771-61 6-772- 61 thru 6-775-61
6/28/61	Graph Curve - Counts per channel vs. channel # " Counts/Channel vs. E (Mev) " Counts/Channel vs. Ea (Mev)	W.Kane Physics	H. Ruhnke	6-776-61 thru 6-777-61 6-778-61 thru 6-779-61 6-780-61 6-781-61
6/28/61	9° Production angle 4.75° Production Angle	S.Lindenbaum Physics	H. Ruhnke	6-782-61 6-783-61
6/29/61	Drawing - First Floor Plan Hirdl - Proposed addition. " Second Floor Plan Hirdl - Proposed addition. Schematic Drawing of High Intensity Radiation Development Laboratory.	C.Falk Adm.	H. Ruhnke	6-784-61 6-785-61 6-786-61
6/29/61	Typed Table - BNL Scientific & Professional staffs by Academic Degrees as of May 25,1961. " " BNL visiting scientists & students participating at BNL for 1 month or more; June 1,1959 - May 31, 1960.	C.Falk Adm.	H. Ruhnke	6-787-61 6-788-61

Date	Caption	Dept.	Photographer	Number
6/29/61	Schematic	J. Constant Instr.	H. Ruhnke	6-789-61
6/29/61	Typed Table - Process	Koshland	H. Ruhnke	6-790-61
	" " Calculation of Association of point charges to 1 A.	Biology		6-791-61
6/26/61	PM Chromosomes 1000X	Sparrow Biology	R. F. Smith	C6-792-61 thru C6-811-61
6/29/61	Composite - 6-580-61 5-437-61	Mericle		
	5-439-61 6-116-61	Biology	H. Ruhnke	6-812-61
	" 5-438-61 5-458-61			
	5-445-61 5-443-61			6-813-61
	" 5-454-61 6-118-61			
	5-455-61 6-114-61			6-814-61
6/29/61	Copy from X-Ray	Lippincott Medical	H. Ruhnke	6-815-61 thru 6-817-61
6/29/61	Curve - An Exposure using 16 Filter thicknesses.	Lippincott Medical	H. Ruhnke	6-818-61
6/29/61	Graph	T. Flanagan Physics	H. Ruhnke	6-819-61 thru 6-824-61
6/29/61	BNL Site Plan Stage 1	C. Falk	K. Meyn	C6-825-61
	BNL Site Plan Stage 2	Adm.		C6-826-61
	(no B&W) For Budget Meeting			
6/29/61	Fig. 1 - Plot of average magnetization against magnetic field, etc.	H. Postma Physics	H. Ruhnke	6-827-61
6/29/61	Damaged Crate	B. Richter Nuc. Eng.	M. Rosen	6-828- 61 thru 6-829-61
6/27/61	Progress	K. Downs HFBR	R. Walton	6-830-61

te	Caption	Dept.	Photographer	Number
6/27/61	Chinese cabbage (1)	D.Bai	R. Walton	6-831-61 thru C6-831-61 thru
		Biology		6-832-61 C6-832-61
	Oriental radish (1)			6-833-61 thru C6-833-61 thru
				6-834-61 C6-834-61
6/30/61	Typed Table	J.Olson	~~Biology~~	6- 835-61
	Typed Table - Chromatium Cytochrome C	Biology	H. Ruhnke	6-836-61
6/30/61	Composite of Pm's - Figures 1,2 & 3	Dr.Curtis	H. Ruhnke	6-837-61
	" " " Figures 4 & 5	Biology		6-838-61
	" " " Figures 6,7 & 8			6-839-61
6/27/61	Control Panel NaK Loop	C.Scarlett Nuc.Eng.	M. Rosen	6-840-61 thru 6-843-61
6/22/61	Survey Instr.	B.Bishop HealthPhysics	M. Rosen	6-844-61 thru 6-847-61
6/9/61	Copy of Diagram: Book original: Relative positions in a sagittal plane of the Hypothalmic Nuclei, etc. (Fig. 389, page 1129 "Med. Physiol 10th Edition, 1956.	Dr.Schwartz Medical	A. Lasky	6-848-61

July

Date	Caption	Dept.	Photographer	Number
6/30/61	Graph	R.Alfred Physics	H. Ruhnke	7-1-61 thru 7-4-61
6/30/61	Schematic	B.Steele Biology	H. Ruhnke	7-5-61
6/30/61	Schematic	Egan Nuc.Eng.	H. Ruhnke	7-6-61
6/30/61	General Ward Shots in Hospital	Lippincott Medical	J. Garfield	7-7-61 thru 7-13-61
6/28/61	Flower Petals	S.Shapiro Biology	R. Walton	7-14-61 thru 7-15-61 C7-14-61 thru C7-15-61
6/28/61	Leaves	S.Shapiro Biology	R. Walton	7-16-61 C7-16-61
6/27/61	Tobacco seedlings	Schaeffer Biology	R. Walton	7-17-61 thru 7-28-61
7/3/61	Turn-buckle from pig on railroad flatcar	Cendrowski Metallurgy	R. Walton	7-29-61
6/22/61	Rapid Beam Deflector	F.Forsyth AGS	M. Rosen	7-30-61 thru 7-35-61
6/28/61	Tobacco seedlings (1)	Schaeffer Biology	R.J.Walton	C7-36-61 thru C7-37-61
7/6/61	Curve: Relative Count vs. Velocity	Swan Physics	R.L.Fuka	7-38-61
7/6/61	Curve: 12 space points	Honeck Nuc.Eng.	R.L.Fuka	7-39-61
7/6/61	Curve	"	"	7-40-61
7/6/61	Schematic: Moderator vs. Fuel	"	"	7-41-61
7/6/61	Curve: See Neg. envelopes for formulas	"	"	7-42-61thru 7-47-61

Date	Caption	Dept.	Photographer	Number
7/6/61	Medical Group	A.Finn Medical	Rosen & Smith	7-48-61
7/6/61	Schematic	D.Köshaldn biology	R.L.Fuka	7-49-61
7/6/61	Schematic Drawing A,B,C,D	"	"	7-50-61
6/30/61	Tradescantia (color only) (2)	A.Haque Biology	M. Rosen	C7-51-61 thru C7-53-61
7/6/61	Typed Table - Table I	Tassinari	R.Fuka	7-54-61
	" " Table II	NED		7-55-61
7/6/61	Typed Table - Eaton & Dickman #613 Paper	Thoma	R. Fuka	7-56- 61
	" " Relationship between solubility & physical constants of solute & solvent.	Biology		7-57-61
	" " Relationship between free energy of transport & solvent composition.			7-58-61
	" " Effect of paper, solvent & saccharides on ratio Am/As at room temp.			7-59- 61
	" " Some possible uses of theoretical developments.			7-60-61
7/6/61	Schematic - Generalized geologic cross section along meridian 72°52'30"	Hendrie NED	R. Fuka	7-61-61
6/28/61	80" Bubble Chamber Progress	Brown Stone/Webster	M. Rosen	7-62-61 thru 7- 63-61
	AGS Extension Progress			7- 64-61 thru 7-66-61
7/6/61	#1 Pm spleen 320X Focus on cells	Dr.Fleidner	R.F.Smith	7-67-61
	# 1 " " " " " autograph	Medical		7-68-61
	#2 " " " " " "			7-69-61

Date	Caption	Dept.	Photographer	Number
7/6/61	#2 Pm spleen 320X Focus on cells #3 " " " " for autograph #3 " " " " on ~~six~~ cells	Fleidner Medical	R.F.Smith	7-70-61 7-71-61 7-72-61
7/7/61	Schematic - Raised floor for 80" B.C. main control & experimenters control rooms.	Bagamary BubbleChamber	R. Fuka	7-73-61
6/30/61	Dog - open tumor Dog - abdomen, showing open tumor	Dr.Tonna Medical	R. Walton	7-74-61 C7-74-61 7-75-61 C7-75-61
7/7/61	Track centering reticle	C.Rappe	R. Fuka	7-76-61
7/7/61	Schematic - Proton Energy Levels Curve - Momentum Spectrum of Protons scattered from Protons.	Collins Physics	R. Fuka	7-77- 61 7-78-61
7/10/61	Graph - Daily mortality in % (9-10 animals/GP) " Daily mortality in % (20-33 animals/GP)	V.Bond Medical	R. Fuka	7-79-61 7-80-61
7/10/61	Curve - Temp. changes in a channel. " Max. & Min. cooling rates for a 12' long BGRR channel. " Temp. changes in a channel after opening both ends. " Effect of closing one end of an open channel that is burning. " Temp. changes in a channel after opening both ends. " Temp. changes in a channel opening one end & then the other.	Schweitzer Nuc.Eng.	R. Fuka	7-81- 61 7-82-61 7-83-61 7-84-61 7-85- 61 7-86-61
7/10/61	Table - Os190	Goldhaber Physics	R. Fuka	7-87-61
7/7/61	Permanent deformation of threads	D.Kassner Physics	R. Fuka	7-88-61

Date	Caption	Dept.	Photographer	Number
7/10/61	Curve - Energy (Mev)	Schmorak Physics	R. Fuka	7-89-61
7/10/61	Schematic - Highly idealized representation of paper partition chromatography	Thoma Biology	R. Fuka	7-90-61
7/5/61	Flower Mutations (4)	S. Shapiro Biology	R. Walton	7-91-61 thru C7-91-61 thru 7-93-61 C7-93-61
	Flower Mutations (4)	S. Shapiro Biology	R. Walton	C7-94-61 thru C7-96-61
7/6/61	Pm Parasite 1000X	Dr. Innes	R.P. Smith	7-97-61 C7-97-61
	Pm Parasite Innes strain 1000X	Biology		7-98-61 C7-98-61
6/30/61	Flow Reversal Loop	M. Rosso Nuc. Eng.	M. Rosen	7-99-61
6/30/61	NaK Loop Progress	C. Scarlett Nuc. Eng.	M. Rosen	7-100-61 thru 7- 102-61
7/11/61	Pasteup Neg. # 6-597-60 with lettering	H. Smith Biology	H. Maile	7-103-61
	" Neg. # 6-598-60 colored with lettering.			7-104-61
7/7/61	Oak leaves	Woodwell Biology	R. Walton	7-105-61 thru C7-105-61 thru 7-108-61 C7-108-61
7/11/61	Copy of Vertrebrae	Innes Biology	H. Maile	7-109-61
7/11/61	Graph - Formula	Maxfield/ Robertson	H. Maile	7-110-61
	Curve - Formula	Medical		7-111-61
7/11/61	Curves	Robertson Medical	H. Maile	7-112-61
'/11/61	Curve - Germination in % of controls vs. X-ray dose to pollen in 100 Kr.	Brewbaker Biology	H. Maile	7-113-61
	" Seed sets in % of control vs. x-ray dose to pollen in Kr.			7-114-61
	" Viability in % of control vs. x-ray dose to pollen in Kr.			7-115-61

Date	Caption	Dept.	Photographer	Number
7/7/61	Progress on Reactor building	K.Downs HFBR	R. Walton	7-116-61 thru 7-117-61
7/7/61	NaK Loop Progress	C.Scarlett Nuc.Eng.	M. Rosen	7-118-61 thru 7-121-61
7/6/61	Pm blood 400X (2 each)	Dr.Cottier	R.F.Smith	7-122- 61 C7-122 -61
	Pm blood 160X	Medical		7-123-61 C7-123-61
	Pm blood 400X			7-124-61 C7-124-61
	Pm blood 630X			7-125-61 C7-125-6 1
	Pm blood 1250X			7-126-61 C7-126-61
	Pm blood 630X			7-127- 61 C7-127-61
	Pm blood 400X			7-128-61 C7-128-61
	Pm blood 630X			7-129-61 C7-129-61
	Pm blood 160X			7-130-61 C7-130- 61
	Pm blood 160X			7-131-61 C7-131-61
	Pm blood 400X			7-132-61 C7-132-61
	Pm blood 400X			7-133- 61 C7-133-61
	Pmblood 630X			7-134-61 C7-13 4- 61
	Pm blood 630X			7-135-61 C7-135-61
	Pm blood 630X			7-136-61 C7-136-61
	Pm blood 630X			7-137-61 C7-137-61
	Pm blood 630X			7-138-61 C7-138-61
	Pm blood 630X			7-139-61 C7-139-61
	Pm blood 630X			7-140-61 C7-140-61
	Pm blood 630X			7-141-61 C7-141-61
	Pm blood 630X			7-142- 61 C7-142-61
7/8/61	Pm blood 630X (2)	rt Ordachenko Medical	R.F.Smith	C7-143-61 C7-149-61
7/13/61	Book Original - Hypo Tholamic control of appetite.	Schwartz/ Marc-Aurele Medical	R. Fuka	7-150-61
	" " Control of Water excretion.			7-151-61
	" " Structural differences between corticle & juxtamedullary nephrons.			7-152-61

Date	Caption	Dept.	Photographer	Number
7/13/61	Book Original - Schematic representation of the nephron during water diuresis and anti-diuresis.	Schwartz/ Marc-Aurele Medical	R. Fuka	7-153-61
7/13/61	Curve - K42 activity, counts/min. vs. time hours.	Heymann Chemistry	R. Fuka	7-154-61
7/12/61	Curve - Wet cell volume/ suspension volume %.	J.Olson Biology	R. Fuka	7-155-61
	Curve Graph - 892 mu Light on $2x10^{-10}$ Einstein/ Cm 2 Sec.			7-156-61
7/12/61	Curve - Potential, volts vs. one molal Ag (I) - Ag (O) Reference.	CH.Liu Nuc.Eng.	R. Fuka	7-157-61
7/13/61	Curve Graph - Mortality - Probits vs. Dose-log 10 mg/kg	Easterday Medical	R. Fuka	7-158-61
7/11/61	Fm Chromosomes 1000X	A.Haque Biology	R.F.Smith	7-159-61 thru 7-174-61
7/13/61	Composite curves	Pickart Physics	R.L.Fuka	7-175-61thru 7-180-61
7/13/61	Schematic: Orbital symmetry of D-Electron Charge density	"	"	7-181-61
7/13/61	Curve: Cut-off Points for FE Projections	"	"	7-182-61
7/13/61	Curve - Mortality - Probits vs. Dose log10 mg/kg.	Easterday Medical	R. Fuka	7-183-61 thru 7-186-61
7/13/61	Graph - Relationship between radio-sensitivity & polyploidy in 175 species of chronically irradiated higher plants.	Sparrow Biology	R. Fuka	7-187-61

Date	Caption	Dept.	Photographer	Number
7/14/61	Schematic - BNL capture x-ray detector array.	Chrien Physics	R. Fuka	7-188-61
7/7/61	Mutant flowers (3)	Shapiro Biology	R. Walton	7-189-61 thru C7-189-61 thru 7-194-61 C7-194-61
7/7/61	Gamma field (1)	Bai Biology	R. Walton	7-195-61 C7-195-61
~~7/14/61~~	~~Schematic BNL Caputre XRay Detector Array~~	~~Chrien~~		
7/14/61	Typed Table	MacAurele Medical	R.L.Fuka	7-196-61
7/14/61	Schematic	Goland Physics	R. Fuka	7-197-61
7/14/61	Typed Table - Choice of weights	W.Hamilton Chemistry	R. Fuka	7-198-61
	" " Linear Hypothesis			7-199-61
	" " A simple example			7-200-61
	" " Test of Linear Hypothesis			7-201-61
	" " Significent values of Ri/Ro			7-202-61
	" " Power of variance ratio test.			7-203-61
	Typed table			7-204-61 thru 7-205-61
7/14/61	X-Ray composite	Yamamoto Medical	R.L.Fuka	7-206-61thru 7-209-61
7/12/61	Reaction Vessel	P.Colombo Nuc.Eng.	M. Rosen	7-210-61
7/14/61	Schematic - H2 Liquifier	Stoll Cosmotron	R. Fuka	7-211-61
7/17/61	Drawing: Boron-10-Thermal Neutron reaction.	Lippincott Medical	H. Maile	7-212-61
7/18/61	Typed Table - Properties of Alpha - Lipoprotein Fractions.	W.Hughes Medical	H. Maile	7-213-61
	Curve - Disappearance of labeled Alpha Lipoprotein from serum of 4 dogs.			7-214-61
	" Disappearance of labeled human Alpha Lipoprotein from mice.			7-215-61

Date	Caption	Dept.	Photographer	Number
7/17/61	Curve - Disappearance of labeled Alpha Lipoprotein in 3 men.	W.Hughes Medical	H. Maile	7-216-61
7/17/61	Graph - Fractions of 1 ml. removed from ultracentrifuge tube.	W.Hughes Medical	H. Maile	7-217-61
	Table - Inhibition of I DU Incorp. by 1 mg., etc.			7-218-61
	" Total body incorp. of I DU			7-219-61
	Curve - % total counts vs. male fraction			7-220-61
	" Incorp. of I DU, etc.			7-221-61 thru 7-222-61
7/14/61	PM Spleen 320X # 28	Dr. Fleidner Medical	R.F.Smith	7-223-61
	35			7-224-61
	8			7-225-61
	4			7-226-61
	45			7-227-61
	24			7-228-61
	36			7-229-61
	34			7-230-61
	33			7-231- 61
	30			7-232-61
	27			7-233-61
	22			7-234-61
	23			7-235-61
	21			7-236-61
	26			7-237-61
	14			7-238-61
	17			7-239-61
	16			7-240-61
	15			7-241-61
	13			7-242-61
	47			7-243-61
	48			7-244-61
	19			7-245-61
	46			7-246-61
	43			7-247-61
	44			7-248-61

Date	Caption	Dept.	Photographer	Number
7/14/61	PM Spleen 320X # 1	Dr. Fleidner	R. F. Smith	7-249-61
	10			7-250-61
	9			7-251-61
	11			7- 252-61
	12			7-253-61
	2			7-254-61
	7			7-255-61
	6			7-256- 61
	20			7-257-61
	5			7- 258-61
	3			7-259-61
	31			7-260-61
	32			7-261-61
	18			7-262-61
	25			7-263-61
	29			7-264- 61
	57			7-265-61
	54			7-266-61
	58			7-267-61
	60			7-268-61
	56			7-269-61
	55			7-270-61
	53			7-271-61
	51			7-272-61
	59			7- 273-61
	49			7-274 -61
	52			7-275-61
	50			7-276-61
	42			7-277-61
7/18/61	Schematic	W. Hughes Medical	H. Maile	7-278-61
7/17/61	Curve - Neutron counts at 4.2 K vs. counter angle	P. J. Brown Physics	H. Maile	7-279-61
	Schematic - CrVO4			7-280-61
	Schematic			7-281-61 thru 7-282-61

Date	Caption	Dept.	Photographer	Number
7/18/61	Graph - Amino Acid Composition Curve - Effect of Fluorodeoxyurine on incorp., etc.	W.Hughes Medical	H. Maile	7-283-61 7-284-61
7/18/61	Table " - Quantum efficiency of Photophosphorylation, etc.	J.M.Olson Biology	H. Maile	7-285-61 7-286-61
7/18/61	Table	W.Shreeve Medical	H. Maile	7-287-61
7/13/61	Portrait - Retirement - Joseph DeNardo (Security)	B.Alburty Personnel	M. Rosen	7-288-61
7/18/61	Curve - % Nuclei labeled at end of treatment. " Cm from TIP Graph - All roots 24 hrs. H Thymidine. " Root length in Cm.	Quastler Biology	H. Maile	7-289-61 7- 290-61 7-291-61 7-292-61
7/10/61	Oriental cabbage	D.Bai Biology	R. Walton	7-293-61 thru 7-294-61
7/11/61	Mutant flowers.	Shapiro Biology	R. Walton	7-295-61 thru C7-295-61 thru 7-298-61 C7-298-61
7/10/61	Luzula plants (2)	L.Schairer Biology	R. Walton	7- 299-61 C7-299-61
7/17/61	Unit # 80252R	Dr.Cotzias Medical	R. Walton	7- 300-61 thru C7-300-61 thru 7-301-61 C7-301-61
7/18/61	Buss Bar connections	A.Burnini AP&PM	R. Walton	7-302-61 thru 7-303-61
7/18/61	Composite - Ultracentrifugal patterns	W.Hughes Medical	H. Maile	7-304-61

Date	Caption	Dept.	Photographer	Number
7/13/61	Non-Inertial Scanner	Robertson Medical	M. Rosen	7-305-61 thru 7-306-61
7/18/61	Curve - Cylindrical thermal spikes produced by fission fragments.	J.Kelsch Nuc.Eng.	H. Maile	7-307-61
7/14/61	Pm Spleen 320X # 37	Fleidner	R.F.Smith	7-308-61
	38			7-309-61
	39			7-310-61
	40			7-311-61
	41			7-312-61
	61			7-313-61
	62			7-314-61
	63			7-315-61
	65			7-316-61
	66			7-317- 61
	67			7-318-61
	68			7-319-61
	69			7-320-61
	70			7- 321-61
	71			7- 322-61
	72			7-323- 61
	74			7-324-61
	75			7-325-61
	76			7-326-61
	77			7-327-61
	78			7- 328-61
	79			7-329-61
	80			7-330-61
	81			7-331-61
	82			7-332-61
	83			7-333-61
	84			7-334-61
	85			7- 335-61
	86			7-336-61
	87			7-337-61
	88			7-338-61
	89			7-339-61

Date	Caption	Dept.	Photographer	Number
7/14/61	PM Spleen 320X # 90	Fleidner	R.F.Smith	7-340-61
	91			7-341-61
	92			7-342-61
	93			7-343-61
	94			7-344 - 61
	95			7-345-61
	96			7-346-61
	97			7-347-61
	98			7-348-61
	99			7-349-61
	100			7-350-61
	101			7-351-61
	102			7-352- 61
	103			7-353-61
	104			7-354-61
	105			7-355-61
	106			7-356-61
	107			7-357-61
	108			7-358-61
	109			7-359-61
	110			7-360-61
	111			7-361-61
	112			7-362-61
	113			7-363-61
	114			7-364-61
	115			7-365-61
	116			7-366-61
	117			7-367-61
	118			7-368-61
	119			7-369-61
	120			7-370-61
	121			7-371-61
7/17/61	Unit # 80252R	Dr.Cotzias Medical	R. Walton	C7-372-61
7/19/61	Table - Relation between frequency of fragments at metaphase & micronuclei at interphase induced by chronic gamma irradiation.	Evans/Sparrow Biology	D.Humphrey	7-373-61

Date	Caption	Dept.	Photographer	Number
7/19/61	Table - Comparison of Ar39/C136 ratio in iron meteorites & 6.2 BeV target.	R. Stoenner Chemistry	D. Humphrey	7-374-61
7/19/61	Table - Integration of FE (001) Projection.	S. Pickart Physics	D. Humphrey	7-375- 61
	" Form factors for anisotropic D-electron spin densities.			7-376-61
7/19/61	Curve - C-Phycocyanin	Bergeron Biology	H. Maile	7-377-61
7/11/61	Mutations in Flowers (3)	Shapiro Biology	R. Walton	C7-378-61 thru C7-382-61
7/19/61	Fig. 7 - Chromosome interchange frequencies in Tradescantia, etc.	Sparrow Biology etc.	H. Maile	7-383-61
	Fig. 8 - Relative Yield of aberrations,			7-384-61
	Curve - Freq. of fragments scored at metaphase, etc.			7-385-61
	" Relationship between dose rate & exposure time for fragments frequency at metaphase, etc.			7- 386-61
	Graph - Dry weights of shoots of Luzula Purpurea, etc.			7-387-61
7/19/61	Curve - Glucose formation from 2-C14-DL-Lactate in Non-Diabetic patient M.B.	W. Shreeve Medical	H. Maile	7-388-61
7/7/61	Mutant Flowers	Shapiro Biology	R. Walton	C7-389-61 thru C7-390-61
7/14/61	Before therapy	Robertson Medical	R. Walton	7-391-61 thru C7-391-61 thru 7-394-61 C7-394-61
7/12/61	Hind section of dog - showing radiation damage.	Jansen Medical	R. Walton	7-395-61 C7-395-61

Date	Caption	Dept.	Photographer	Number
7/19/61	Curve - Water content, etc.	H.Smith	H. Maile	7-396-61
	" Sectors/plant (Leaves 4 & 5)	Biology		7-397-61
	" u Moles O2/Seed/Hour vs. Hours Presoaked (27C).			7-398-61
7/14/61	PM Spleen 320X # 122	Fleidner Medical	R.F.Smith	7-399-61
	123			7-400-61
	124			7-401-61
	125			7-402-61
	126			7-403-61
	127			7-404-61
	128			7-405-61
	129			7-406-61
	130			7-407-61
	131			7-408-61
	132			7-409-61
	133			7-410-61
	134			7-411-61
	135			7-412-61
	136			7-413-61
	137			7-414-61
	138			7-415-61
	139			7-416-61
	140			7-417-61
	141			7-418-61
	142			7-419-61
	143			7-420- 61
	144			7-421-61
	145			7-422-61
	146			7-423-61
	147			7-424-61
	148			7-425-61
	149			7-426-61
	150			7-427-61
	151			7-428-61
	152			7-429-61
	153			7-430-61
	154			7-431-61

Date	Caption	Dept.	Photographer	Number
7/14/61	PM Spleen 320X # 155	Dr. Fleidner Medical	R. F. Smith	7-432-61
	156			7-433-61
	157			7-434-61
	158			7-435-61
	159			7-436- 61
	160			7-437-61
	161			7-438-61
	162			7-439-61
	163			7-440-61
	164			7-441-61
	165			7-442- 61
	166			7-443-61
	167			7-444-61
	168			7-445-61
	169			7-446-61
	170			7- 447-61
	171			7- 448-61
	172			7-449-61
	173			7-450- 61
	174			7-451-61
	175			7-452-61
	176			7-453- 61
	177			7-454-61
	178			7-455-61
	179			7-456-61
	180			7-457-61
7/20/61	Page 15 Figure 5 Floor Plan	D. MacCornack	D. Humphrey	7-458-61
	" 14 " 4 Plot Plan	A.P.		7-459-61
	" 19 " 4 Plot Plan			7-460-61
	" 13 " 4 Plot Plan			7-461-61
	" 15 " 4 Plot Plan			7-462-61
	" 9 " 3 Plot Plan			7-463-61
	" 14 " 4 Plot Plan			7-464-61
	" 10 " 3 Plot Plan			7-465- 61
	" 10 " 4 Floor Plan			7-466-61
	" 11 " 4 Plan & Section			7-467-61
	" 14 " 5 Floor Plans			7-468-61

Date	Caption	Dept.	Photographer	Number
7/20/61	Page 17 Figure 7 Details of cell	D.MacCornack	D. Humphrey	7-469-61
	" 23 " 4 Plot Plan	A.P.		7-470-61
	" 12 " 3 Plot Plan			7-471-61
7/14/61	PM Spleen 320X # 181	Dr.Fleidner Medical	R.F.Smith	7-472-61
	182			7-473-61
	183			7-474-61
	184			7-475-61
	185			7-476- 61
	186			7-477-61
	187			7-478-61
	188			7-479-61
	189			7-480-61
	190			7-481-61
	191			7-482-61
	192			7-483-61
	193			7-484-61
	194			7-4 85-61
	195			7-486-61
7/20/61	Glass port	L.Baker	R. Walton	7-487-61
	Shattered glass port with flange removed. Safety			7-488-61
	Shattered glass port with flange in place.			7-489-61
7/21/61	Calculation of gas solubility	VanSlyke	D. Humphrey	7-490-61
	Book Original - Ampul testing attachment for manometric apparatus,	Medical		
	showing connection to extraction chamber.			7-491-61
7/21/61	Drawing - The Brookhaven low level K-Ar Mass Spectrometer.	Naughton Chemistry	D. Humphrey	7-492-61
7/21/61	Active trypsin to inactive trypsin to damaged trypsin.	Augenstine Biology	D. Humphrey	7-493-61
7/21/61	Drawing - Triangle	Coppens	D. Humphrey	7-494-61
	Drawing	Chemistry		7-495-61

Date	Caption	Dept.	Photographer	Number
7/21/61	Graph - Dependence of N of U233 on neutron spectrum.	Chernick Nuc.Eng.	D. Humphrey	7-496-61
	" Fast Fission Ratio ^{8}28.			7-497-61
	" ETA vs. Neutron energy for U233.			7-498-61
7/21/61	Graph - y irradiation at liq. nit. temp. of deuterated R.S.	Boutin Physics	D. Humphrey	7-499-61
	" y irradiation at o C of deuterated R.S.			7-500-61
	" Dielectric constant along the A-axis of Rochelle Salt, before & after y-ray irradiation.			7-501-61
	" Field effect on y irradiated R.S.			7-502-61
7/21/61	Graph - Concentration vs. germination as % of control.	Woodwell Biology	D. Humphrey	7-503-61
	" Gallons of spray per acre vs. mature cones.			7-504-61
	" Sprayed & unsprayed areas of balsam fir seed cones.			7-505-61
	" Age distribution of the balsam fir seedling population.			7-506-61
7/14/61	H.F.B.R. Flow Reversal Loop	M.Rosso Nuc.Eng.	M. Rosen	7-507-61 thru 7-508-61
7/21/61	Page 25 Central Shops Plan & Section	Mac Cornack A.P.	D. Humphrey	7-509-61
	Page 22 Figure 7 Third Floor Plan			7-510-61
	" 24 " 5 Floor Plan			7-511-61
	" 16 " 6 2nd Floor Plan			7-512-61
	" 21 " 6 2nd Floor Plan			7-513-61
	" 16 " 5 Plan & Section			7-514-61
	" 20 " 5 1st Floor Plan			7-515-61
	" 15 " 5 1st Floor Plan			7-516-61
	Figure 1 Site Map			7-517-61
7/18/61	Film Processing Machine	J.Garfield Photo.	M. Rosen	7-518-61 thru 7-519-61

Date	Caption	Dept.	Photographer	Number
7/20/61	Chassis	Stephani Instr.	R. Walton	7-520-61 thru 7-522-61
7/24/61	Typed Table - o - Nitrobenzaldehyde Temp. Factors.	Coppens Chemistry	D. Humphrey	7-523-61
	" " Melting Points of some disubstituted aromatic compounds.			7-524-61
	" " C-H Bond Lengths (in A)			7-525-61
	" " Distance from Benzene ring plane (in A)			7-526-61
7/24/61	Curve - Fluorescence Anode current-10-9a vs. Time in minutes.	J.Olson Biology	D. Humphrey	7-527-61
	" Phosphate uptake -10-7 M/Sec vs. Intensity 10-9 Einstein/cm2Sec.			7-528-61
	" Relative absorbancy of extract vs. (formula)			7-529-61
	" ATP formation -10-7 M/Sec. vs. intensity -10-9 Einstein/cm2 Sec.			7-530-61
	" Anode current -10-9 a vs. Time in minutes.			7-531-61
	" Intensity -10-9 Einstein/cm2Sec. vs. Phosphate uptake -10-7 M/Sec.			7-532-61
	Drawing			7-533-61
	" - Photomultiplier			7-534-61
7/24/61	Table - Method of blood glucose degradation.	Shreeve Medical	R. Fuka	7-535-61
	" Relative distribution of C14 in blood glucose carbons, etc.			7-536-61
	" Relative distribution of C14 in blood glucose carbons, etc.			7-537-61
	" Relative distribution of C14 in blood glucose carbons, etc.			7-538-61

Date	Caption	Dept.	Photographer	Number
7/24/61	Typed Table I - Cross section in barns for excitation of energy levels in U238.	Chernick NED	D. Humphrey	7-539-61
	Typed Table II - Fast fission Factor for natural uranium.			7-540-61
7/24/61	Drawing	Slavin Chemistry	D. Humphrey	7-541-61
7/24/61	Curve - Absorbance (%) vs. Wavelength (mu)	J. Olson Biology	D. Humphrey	7-542-61
7/14/61	Blockhouse before experiment	L. Baker Safety	R. Walton	7-543-61 thru 7-546-61
	Blockhouse after explosion			7-547-61 thru 7-549-61
	Blockhouse & observation area			7-550-61
	Sampling device in blockhouse.			7-551-61
7/24/61	Curve: Neutron inelastic cross section etc.	Lindenbaum Physics	R.L. Fuka	7-552-61 thru 7-553-61
7/24/61	Fig. 1 - Hyteresis loops of Rochelle salt at 18° in a 50cps field.	H. Boutin Physics	D. Humphrey	7-554-61
	Fig. 4 - Conditions for ferroelectricity, etc.			7-555-61
	Fig. 5 - Temp. dependence of the coercive field, etc.			7-556-61
	Fig. 6 - Temp. dependence of the maximum polarization, etc.			7-557-61
	Fig. 8 - Reciprocal dielectric constant of the mixed crystal, etc.			7-558-61
	Fig. 9 - Phase diagram of the mixed crystal, etc.			7-559-61
	Curve - Spontaneous polarization for Rochelle & heavy water Rochelle salt.			7-560-61
	" Dielectric constant Ea of Rochelle salt, etc.			7-561-61
	Drawing - Tartrate Molecule.			7-562-61
	R.S. # 1			7-563-61

Date	Caption	Dept.	Photographer	Number
7/24/61	R.S. # 2	H. Boutin Physics	D. Humphrey	7-564-61
7/24/61	Curve - Phosphorescence, etc.	S. Freed Chemistry	R. Fuka	7-565-61 thru 7-567-61
	" Phosphorescence atee in water-methanol - ethanol			7-568-61
	" Phosphorescence quenching of atee bt a chymotrypsin.			7-569-61
7/24/61	Diagram - FeAl (110) difference projection data extrapolated to S max = 1.2 A-1.	Pickart Physics	R. Fuka	7-570-61
7/24/61	Table - Electron density.	Pickart Physics	R. Fuka	7-571-61
7/24/61	Curve - Fig. 3 Defect concentration in atomic fraction vs. Temp, K	Damask Physics	R. Fuka	7-572-61
	" Fig. 5 Total defect concentration in atomic fraction NX 10^5 vs. Time in seconds.			7-573-61
	" Fig. 3 Defect concentration in atomic fraction ($X10^5$) vs. Time in seconds.			7-574-61
	" Fig. 4 Defect concentration in atomic fraction ($X10^5$) vs. Time in seconds.			7-575-61
	" Fig. 1 Defect concentration in atomic fraction ($X10^6$) vs. Time in seconds.			7-576-61
7/24/61	Figure 1 - Glow curves, etc.	Augenstine Biology	R. Fuka	7-577-61
	Figure 1 - Rep. of electronic arrangements in a crystal, etc.			7-578-61
	Figure 2 - Configurations in alkali-halide crystals, etc.			7-579-61
	Figure 2 - A comparison of glow curves obtained from 4 crystalline proteins, etc.			7-580-61

Date	Caption	Dept.	Photographer	Number
7/24/61	Figure 3 - The thermolumunescence of biochemicals, etc.	Augenstine Biology	R. Fuka	7-581-61
	Figure 4 - The relation between thermo-luminescence of trypsin, etc.			7-582-61
	Curve - Energy vs. configuration coordinate.			7-583-61
	Drawing - Energy			7-584-61
7/24/61	Copy of 35 mm color slide	E.Church Physics	K. Meyn	7-585-61 thru 7-593-61
7/25/61	Table - Formula	Koshland Biology	R. Fuka	7-594-61
	Diagram			7-595-61
	Drawing			7-596-61 thru 7-597-61
7/21/61	Pm Chromosomes 1000X	A.Haque Biology	R.F.Smith	7-598-61 thru 7-625-61
7/25/61	Composite Ultracentrifuge runs "IHSA - Anti - IHSA"	W.Hughes Medical	R. Fuka	7-626-61
	Composite Ultracentrifuge runs "BSA - Anti - BSA"			7-627-61
7/14/61	NaK Loop Progress	C.Scarlett Nuc.Eng.	M. Rosen	7-628-61 thru 7-629-61
7/20/61	Radiated plants (1)	L.Schairer Biology	R. Walton	7-630-61 C7-630-61
7/21/61	Radiation facility	P.Fallon Nuc.Eng.	R. Walton	7-631-61 thru 7-633-61
7/17/61	Portrait - Dr. Maurice Goldhaber	Dr.Goldhaber Dir.Off.	M. Rosen	7-634-61
7/26/61	Figure 3 - Plan & Section	MacCornack	R. Fuka	7-635-61
	Figure 4 - Floor Plan	A.P.		7-636-61
7/25/61	Graph - Initial dose of 5.5 or 5.8 KR	Orlowski Info.	R. Fuka	7-637-61

Date	Caption	Dept.	Photographer	Number
7/25/61	Table - Weak-link hypothesis	Augenstine	R. Fuka	7-638-61
	" Inactivation of the Enzyme	Biology		
	Trypsin.			7-639-61
7/26/61	Curve - Fig. 1 Comparison of Thermal conductivities for media in solid & in particulate forms.	J.Chen Nuc.Eng.	R. Fuka	7-640-61
7/26/61	Curve - Fig. 1 Excitation functions, etc.	K.Chen	R. Fuka	7-641-61
	2 " "	Chem.		7-642-61
	3 " "			7-643-61
	4 " "			7-644-61
	5 " "			7-645-61
	6 Ratio Curves, etc.			7-646-61
	7 Excitation functions, etc.			7-647-61
	8 " "			7-648-61
	9 " "			7-649-61
	10 " "			7-650-61
	11 " "			7-651-61
	12 Compound-Nucleus formation cross sections for Alpha Particles, etc.			7-652-61
7/24/61	Pm of Plant Section # 1 120X	Mericle	R.F.Smith	7-653-61
	2 80X	Biology		7-654-61
	3 80X			7-655-61
	4 120X			7-656-61
	5 80X			7-657-61
	6 120X			7-658-61
	7 12X			7-659-61
	8 21X			7-660-61
	9 21X			7-661-61
	10 21X			7-662-61
	11 21X			7-663-61
	12 21X (1)			7-664-61 C7-664-61
	13 21X			7-665-61
	14 21X (1)			7-666-61 C7-666-61
	15 25X			7-667-61

Date	Caption	Dept.	Photographer	Number
7/24/61	Pm of Plant Section # 16 25X	Mericle	R.F.Smith	7-668-61
	17 11.5X	Biology		7- 669-61
	18 11.5X			7-670-61
	19 80X			7-671-61
7/21/61	Blockhouse	L.Baker Safety	R. Walton	7-672-61 thru 7-677-61
7/20/61	Wood piles	Campagnone ABC	R. Walton	7-678-61 thru 7-681-61
6/2/61	Counter	T.Thomas Chemistry	R. Walton	7-682-61 thru 7-683-61
6/2/61	Award of checks for Patent on High Flux Beam Reactor.	C. Williams Nuc.Eng.	M. Rosen	7-684-61
7/14/61	Installation of MIT Research Irradiator	O.Kuhl Nuc.Eng.	O. Kuhl	7-685-61 thru 7-694-61
7/26/61	Control room	Dr.K.Green	R. Walton	7-695-61
	Cherenkov counter	AGS		7-696-61
	Target Building			7-697-61 thru 7-698-61
7/26/61	Composite GE 63 Negs. 6-238-60 - 6-239-60 6-235-60	MacCornack AP	R. Fuka	7-699-61
	" P&M 63 page 12 #3-172-2 w/captions			7-700-61
	" B-A 63 page 9 # 6-204-59 & 6-198-59			7-701-61
	" HL 63 page 9 # 9-142-2 & 9-119-5 w/captions.			7-702-61
	" NE 63 page 6 # 3-169-2 & 6-460-58			7-703-61
	" B-R 63 page 9 # 6-201-59 & 6-194-59 w/captions			7-704-61
	" HL 63 page 16 #6-227-60 w/captions			7-705-61

Date	Caption	Dept.	Photographer	Number
7/26/61	Composite AGS 63 page 8 #6-69-61 w/captions	MacCornack AP	R. Fuka	7-706-61
	" GE 63 page 16 #6-70-61 w/captions			7-707-61
	" SCU 63 page 7 #5-586-61 w/caption			7-708-61
	" AQ 63 # 5-587-61 w/caption			7-709-61
	" P&M 63 # 7-6-8 9-176-5 w/captions.			7-710-61
7/26/61	Portrait - Dr.Quastler	Puleston	M. Rosen	7-711-61
	Dr. Quastler in Lab	Pub.Info.		7-712-61
7/27/61	Typed Table	J.Olson Biology	R. Fuka	7-713-61
7/27/61	Curve - Relation between temp. & aberration frequency in Tradescantia, etc.	Sparrow/Evans Biology	R. Fuka	7-714-61
7/27/61	Curve - m/mb vs. momentum (Bev/c)	Lea Physics	R. Fuka	7-715-61
7/27/71	Curve - Figure 2	Damask Physics	R. Fuka	7-716-61
7/27/61	Fast Gated Buffer Schematic for Digital Data Handler.	Schwarzer Instr.	R. Fuka	7-717-61
7/21/61	Cutting trees out in woods - gamma	Woodwell Biology	R. Walton	7-718-61 thru 7-719- 61
7/27/61	Curve - o in Millibarns vs. Excitation Energy in Mev.	J.M.Miller Chemistry	R. Fuka	7-720-61 thru 7-723-61
	" o (X,a2n) / o (X,an) vs. Excitation energy in Mev.			7-724-61
	" o (X,ap) / o (X,2n) vs. Excitation Energy in Mev.			7-725-61
	" o (X,an) / o (X,2n) vs. Excitation energy in Mev.			7-726-61
7/28/61	Job #D-14 BNL - AGS East experimental Area Section A Experimental arrangement	Salee ADD	R. Fuka	7-727-61

Date	Caption	Dept.	Photographer	Number
7/28/61	Figure 4 - Vise Table - Schematic	J.Chow NED	R. Fuka	7-728-61
7/28/61	Figure 2 - Hot Cell & Isolation Room Layout	J.Chow NED	R. Fuka	7-729-61
7/27/61	Target	K.Green	R. Walton	7-730-61
	Target Building	AGS		7-731-61 thru
				7-732- 61
7/28/61	Schematic - High Intensity Radiation Development Lab.BNL	O.Kuhl NED	R. Fuka	7-733-61 thru
				7-734-61
7/28/61	Curve - Nusselt #,Nu1 vs. Peclet #	O.Dwyer	R. Fuka	7-735-61
	" Nusselt Number vs. y	NED		7-736-61
	" Nusselt #,Nu1 vs. Peclet #			7-737-61
	" Nusselt #,Nu2 vs. 1/y			7-738-61
	" Nusselt #,Nu1 vs. Peclet #			7-739-61
	" Nusselt #,Nu2 vs. 1/y			7-740-61
	" Nusselt #,Nu2 vs. Peclet #			7-741-61
	" Nusselt #,Nu2 vs. 1/y			7-742-61
	" Nusselt #,Nu2 vs. Peclet #			7-743-61
	" (Formula) vs. Peclet #			7-744-61
7/27/61	Roots	Woodwell Biology	R. Walton	7-745-61 thru
				7-747-61
7/28/61	Schematic of experimental apparatus	Banslaben Hot Lab	R. Fuka	7-748-61
7/27/61	Limit Switch	Oltman Nuc.Eng.	R. Walton	7-749-61
7/27/61	Root graft	Woodwell Biology	R. Walton	7-750-61
7/27/61	Cherenkov counter AGS	Lindenbaum	R. Walton	7-751-61
	Counting equipment AGS	Physics		7-752-61
	Electronics equipment at AGS			7-753-61 thru
				7-754-61
7/28/61	Copy of Graph	Orlowski Info.Div.	R. Fuka	7-755-61

Date	Caption			Dept.	Photographer	Number
7/20/61	Patient #8786-R Taken 7/20/61			Dr.Cottier Medical	R.F.Smith	7-756-61
7/18/61	PmHistidine study of teeth	1-1	160X	Dr.Hwang	R.F.Smith	7-757-61 C7-757-61
		1-2	160X	Medical		7-758-61 C7-758-61
		1-3	160X			7-759-61 C7-759-61
		1-4	160X			7-760-61 C7-760-61
		1-5	160X			7-761-61 C7-761-61
		1-6	160X			7-762-61 C7-762-61
		1-7	160X			7-763-61 C7-763-61
		1-8	160X			7-764-61 C7-764-61
		2-1	160X			7-765-61 C7-765-61
		2-2	160X			7-766-61 C7-766-61
		2-3	160X			7-767-61 C7-767-61
		2-4	160X			7-768-61 C7-768-61
		2-5	160X			7-769-61 C7-769-61
		2-6	160X			7-770-61 C7-770-61
		2-7	10X			7-771-61 C7-771-61
		3-1	10X			7-772-61 C7-772-61
		3-2	4X			7-773-61 C7-773-61
	(3 color on each)	3-3	40X			7-774-61 C7-774-61
7/28/61	Table - Summary of Results			Stoenner Chemistry	R. Fuka	7-775-61
7/31/61	Copy of 35 mm X-Ray	(613-2)		Alaghemand	K. Meyn	7-776-61
		(617-1)		Medical		7-777- 61
		(618-1)				7-778-61
		(609-3)				7-779-61
		(615-3)				7-780-61
		(621-5)				7-781-61
		(614-10)				7-782-61
		(619-8)				7-783- 61
		(602-2)				7-784-61
		(601-8)				7-785-61
		(601-6)				7-786-61
		(601-5)				7-787-61
		(601-1)				7-788-61

Date	Caption	Dept.	Photographer	Number
7/31/61	Copy of 35mm X-Ray (610-4)	Alaghemand	K. Meyn	7-789-61
	(610-3)	Medical		7-790-61
	(610-2)			7-791-61
	(610-1)			7-792-61
7/31/61	Table - Temp. dependence of C-H/C-D	Flanagan	R. Fuka	7-793-61
	" Typical Run, #66B	Physics		7-794-61
	Curve - Effect of temp. upon the absorp-			
	tion of Hydrogen.			7-795-61
	" Absorption of Hydrogen.			7-796-61
	" Activation energies for the Isomerization.			7-797- 61
	" Equilibration of 3.8 cm of			
	ethydend-do.			7-798-61
	" Temp. dependence of a.			7-799-61
	" Equilibration of trans-ethylene.			7-800-61
7/31/61	Curve - Agnular distribution of 19-Mev	Miller	R. Fuka	7-801-61
	" Typical Proton Spectrum.	Chemistry		7-802-61
7/31/61	Schematic - Partial level scheme of	Goldhaber		
	Os 186	Physics	R. Fuka	7-803-61
7/31/61	Curve - Formula	Kaufman Chemistry	R. Fuka	7-804-61 thru
				7-809-61
7/31/61	Curve	F.Horn Nuc.Eng.	R. Fuka	7-810-61 thru
				7-812-61
7/31/61	Curve	Ribnikar Chemistry	R. Fuka	7-813-61 thru
				7-815-61
7/31/61	Typed Table - Distillation of a mix-	Van Hook		
	ture at 405 mm Hg.	Chemistry	K. Meyn	7-816-61

August

Date	Caption	Dept.	Photographer	Number
8/1/61	Table - Mass Spectra of C2H5OH	VonKoch	K. Meyn	8-1-61
	" Absorbed energy RE	Chemistry		8-2-61
	" Collision between Ar & C2H5OA			8-3-61
7/31/61	Tracers Figure 1 Polaroid Print Orig.	Spiro	R. Fuka	8-4-61
	Figure 2	AGS		8-5-61
	Figure 3			8-6-61
	Figure 4			8-7-61
	Figure 5			8-8-61
7/29/61	Operation Get-Together Frame 3 thru4	B.Alburty Bul.Board	M. Rosen	8-9-61 thru
				8-11-61
	Frame 6			8-12-61
	Frame 6 thru 10			8-13-61 thru
				8-17-61
	Frame 12			8-18-61
	Frame 13			8-19-61
	Frame 15			8-20-61
	Frame 16			8-21-61
	Frame 22 thru 25			8-22-61 thru
				8-25-61
	Frame 30			8-26-61
7/31/61	Pine Cone	Woodwell Biology	R. Fuka	8-27-61
7/31/61	X-Ray	Tonna Medical	R. Fuka	8-28-61 thru
				8-32-61
7/25/61	High Level Radiation Lab	D.Huszagh Nuc.Eng.	Walton/Rosen	8-33-61 thru
				8-51-61
7/25/61	NaK Loop Progress	Scarlett Nuc.Eng.	M. Rosen	8-52-61 thru
				8-53-61
7/27/61	AGS Extension Progress	D.Brown	M. Rosen	8-54-61 thru
		Stone/Webster		8-55-61
	80" Bubble Chamber Progress			8-56-61 thru
				8-58-61

Date	Caption	Dept.	Photographer	Number
7/24/61	Spark Chamber (MIT)	Wahlig Physics	M. Rosen	8-59-61 thru 8-61-61
7/25/61	Plant section #1 200X 7.5R per 2hr.day	Miksche	R.F.Smith	8-62-61
	2 200X 7.5R per 2hr.day	Biology		8-63-61
	3 200X 7.5R per20hr.day			8-64-61
	4 200X 7.5R per 20hr. day			8-65-61
	5 200X 7.5R per 20hr.day			8-66-61
	6 200X 7.5R per 20hr.day			8-67-61
	7 200X 7.5R per 20hr.day			8-68-61
	8 200X 7.5R per 20hr. day			8-69-61
	9 200X 15R per 20hr.day			8-70-61
	10 200X 15R per 20hr.day			8-71-61
	11 200X 15R per 20hr.day			8-72-61
	12 200X 15R per 20hr.day			8-73-61
	13 200X 15R per 20hr.day			8-74-61
	14 200X 15R per 20hr.day			8-75-61
	15 200X 15R per 20hr.day			8-76-61
7/27/61	PM POLLEN 1200X	Dr. Brewbaker Biology	R.F.Smith	8-77-61thru 8-87-61
7/27/61	PM Pollen 480X	"	"	8-88-61
7/27/61	Physics Bldg. Const. Prog.	Campagnone A.E.C.	Mort Rosen	8-89-61thru 8-90-61
7/27/61	Visiting Scientist Quarters Prog.	"	"	8-91-61
7/31/61	Spark Chamber (Princeton)	Obersten Physics	Mort Rosen	8-92-61 thru 8-94-61
8/1/61	Polaroid Original With R.C. Network shot 1:1	Wilson Physics	Ken Meyn	8-95-61
8/1/61	Polaroid Original Smaller - Shot 1:1	S. Jencks Johns Hopkins	"	8-96-61
8/1/61	Polaroid Original Upper - Shot 1:1	"	"	8-97-61

Date	Caption	Dept.	Photographer	Number
8/1/61	Polaroid Original Top 800V - Shot 1:1	S. Jencks Johns Hopkins Physics	Ken Meyn	8-98-61
8/1/61	Schematic - Plan view of source arrangement.	Adler Nuc. Eng.	K. Meyn	8-99-61
8/1/61	Graph - Radio Chemical Data	Thomas Chemistry	K. Meyn	8-100-61
	" Percent Yield			8-101-61
	" Heavy Fragment Mass			8-102-61
	" Fragment Energy			8-103-61
	" Total Kinetic Energy			8-104-61
	" Light Fragment Mass			8-105-61
8/1/61	Graph - Sb122	Mateosian Physics	K. Meyn	8-106-61
	" Relative Counts			8-107-61
	" Slightly displaced to coincide with 61 Kev			8-108-61
	" Singles Spectrum			8-109-61
	" Channel number.			8-110-61
	" Feet of delay cable			8-111-61
8/1/61	Table - Comparision	W. Kane Physics	K. Meyn	8-112-61
7/27/61	Elm disease 3X	R. Becherer Biology	R. F. Smith	8-113-61 thru 8-116-61
	Elm disease 12X			8-117-61 thru 8-119-61
7/18/61	Histidine study of teeth 1-1 160X	Hwang	R. F. Smith	8-120-61
8/2/61	Map of Long Island	A. Brunini PM	K. Meyn	8-121-61
7/31/61	X-Ray treatment of pig	Dr. Bond Medical	R. Walton	8-122-61 thru 8-123-61
8/2/61	Graph - Protons	Friedlander Chemistry	K. Meyn	8-124-61

Date	Caption	Dept.	Photographer	Number
8/2/61	Graph - Ho-Metal 0.062 CM Thick	Marshak	K. Meyn	8-125-61
	" External magnetic field in	Physics		
	Oersted.			8-126-61
8/1/61	Schematic - Filtrate Formed	Dr.Schwartz	K. Meyn	8-127- 61
	~~" Mitochondrion~~ delete	Medical		~~8-128-61~~
	Table - A,B,C,D			8-129-61
	" A,B,C,D,E			8-130-61
	~~" Extra-Cellular Fluid~~ delete			~~8-131-61~~
8/2/61	Graph - "E in ev"	J.Adish Physics	K. Meyn	8-132-61
8/2/61	Graph - Diploids & Polyploids	Schairer Biology	K. Meyn	8-133-61
8/2/61	Graph Line	V.Cohen Physics	K. Meyn	8-134-61
8/2/61	Graph - v. VS Ag-AgCl	Auerbach HotLab	K. Meyn	8-135-61
8/2/61	Graph - Figure I	Lea	K. Meyn	8-136-61
	" Figure II	Physics		8- 137-61
	" Figure III			8-138-61
8/2/61	Book Orig. - "Space research by Bijl"	R.Davis		
	Page 973 Figure 3	Chemistry	K. Meyn	8-139-61
	Page 974 Figure 4			8-140-61
8/2/61	Blast damage	L.Baker Safety	R. Walton	8-141-61 thru
				8-149-61
8/2/61	Table - Amino Acid Analysss	Koshland	K. Meyn	8-150-61
	" Residues of SH Alkylated	Biology		8-151- 61
	" Reactivity of SH groups			8-152-61
7/31/61	Damaged equipment at Steam Plant	Myott AEC	M. Rosen	8-153-61 thru
				8-157-61

Date	Caption	Dept.	Photographer	Number
7/26/61	Unit # 8-02-52R	Dr.Golden Medical	R. Walton	8-158-61 thru
				8-159-61
7/29/61	Operation Get-Together Frame 2thru4	G.Sabine Recreation	M. Rosen	8- 160-61 thru
				8- 162-61
	Frame 5 thru 6			8-163-61 thru
				8-164-61
	Frame 8			8-165-61
	" 9			8-166-61
	" 10 thru 14			8-167-61 thru
				8-171-61
	Frame 17			8-172-61
	18			8-173-61
	20			8-174-61
	21			8-175-61
	26			8-176-61
	27			8-177-61
	Frame 3 thru 5			8-178-61 thru
				8-180-61
	Frame 8			8-181-61
	10			8- 182-61
	11			8-183-61
	11			8-184-61
	13 thru 15			8-185-61 thru
				8-187- 61
	17 thru 20			8-188-61 thru
				8-191-61
	21			8-192-61
	23 thru 25			8-193-61 thru
				8-195- 61
	26 thru29			8-196-61 thru
				8-199-61
8/3/61	Excitation Energy in Mev - Graph	J.Miller Chemistry	K. Meyn	8-200-61
8/3/61	Copy of Polaroid Orig. - Explosion of Block House Shot 1:1	Lyons Cam.Bubble Chamber	K. Meyn	8-201-61

Date	Caption	Dept.	Photographer	Number
8/3/61	Copy of Polaroid Print Block House, Shot 1:1	Lyons Cambridge Bubble Chmbr.	K.Meyn	8-202-61
8/3/61	Table: Enzyme-Atee	Freed Chemistry	K.Meyn	8-203-61
8/1/61	Portrait: Jerry Miksche-Biology	D.Puleston Admin.	M. Rosen	8-204-61
8/3/61	Ozalid Original	L.Cook		
	Fig.1	Physics	K.Meyn	8-205-61
	Fig.2	"	"	8-206-61
8/3/61	Copy of Polaroid Print Shot 1:1	Dr.Farr Medical	K.Meyn	8-207-61
8/2/61	Model 80" Chamber	M.Burns Physics	R.Walton	8-208-61 thru 8-212-61 CN8-208-61 thru CN8-212-61
8/3/61	Copy of Polaroid Original	B.Young		
	Near View	Safety	K.Meyn	8-213-61
	Overall view	"	"	8-214-61
8/3/61	AGS New experimental Area	D.Puleston Admin.	R.Walton	8-215-61
8/3/61	Pilot plant in bldg. 815	E.Tuthill N.E.D.	R.Walton	8-216-61
7/31/61	Petri Dishes	Schwinghamer Biology	M. Rosen	8-217-61 thru 8-227-61
8/2/61	Bone 21 X	Dr.Tonna Medical	R.F.Smith	CN8-227-61
	Bone 80X			CN8-228-61
8/2/61	Osteoclast (Periosteal) Rat RA Colbidal Iron. (Internegative)	Tonna Medical	R. Fuka	CN8-229-61
8/3/61	Table - Perturbation Treatment	Wolfsberg	K. Meyn	8-230-61
	" Zero-Point energies	Chemistry		8-231-61
	" Sum rules of Bernstein			8-232-61
	" Hamiltonian of Vibrational Problem.			8-233-61

Date	Caption	Dept.	Photographer	Number
8/3/61	Table - Perturbation Treatment (contd)	Wolfsberg	K. Meyn	8-234-61
	" Calculation of mean square	Chemistry		
	displacements.			8-235-61
	" Perturbation calculations			8-236-61
8/4/61	Pasteup of Neg. #'s - 7-785-61 7-786-61	Alaghemand		
	7-787-61 7-788-61	Medical	K. Meyn	8-237-61
	Pasteup of Neg. #'S - 7-789-61 7-790-61			
	7-791-61 7-792-61			8-238-61
8/4/61	Sample	J. Brandon Metallurgy	R. Walton	8-239-61
8/3/61	Print Original Figure 2	J. Kelsh	K. Meyn	8-240-61
	3	Metallurgy		8-241-61
	4			8-242-61
	5			8-243-61
	6			8-244-61
	7			8-245-61
	8			8-246-61
	9			8-247-61
	10			8-248-61
	11			8-249- 61
	12			8-250-61
	13			8-251-61
	14			8- 252-61
	15-A			8-253-61
	15-B			8-254-61
	16			8-255- 61
	17			8-256- 61
	18			8-257-61
8/4/61	Graph - Ar39 Production in Iron	R. Davis Chemistry	K. Meyn	8-258-61
8/4/61	Table - Perturbation treatment for	Wolfsberg		
	Isotopic System.	Chemistry	K. Meyn	8-259-61
	" Pertubration treatment example			8-260-61

Date	Caption	Dept.	Photographer	Number
7/25/61	Pollen Sampling Field	Ogden Biology	M. Rosen	8-261-61 thru 8-263-61
8/1/61	Visitor From India - Dr. Nasser	MKuper Dir.Off.	M. Rosen	8-264-61 thru 8-267-61
8/4/61	Pm Chromosomes 1000X	Sparrow Biology	R.F.Smith	8-268-61 thru 8-270- 61
8/12/61	Front entrance to Medical Research Center.	G.Jackson Medical	R. Walton	8-271-61
8/3/61	Copy of Slide - Showing Tank	Dr.Conard	K. Meyn	8-272-61
	" " Showing curtain	Medical		8-273-61
8/7/61	Graph - 12 Bev/c	Yuan	K. Meyn	8-274-61
	" 4 Bev/c	Physics		8-275-61
	" Momentum for negative particles			8-276- 61
8/7/61	Table - Experimental study program	Yuan	K. Meyn	8-277-61
	" 3. Shielding	Physics		8-278-61
8/10/61	Mice	Dr.Rai Medical	R. Walton	8-279-61 thru 8-281-61
8/7/61	Book Orig. "Physical Review Letters"	Musgrave	K. Meyn	
	Fig.1, Page 703, Vol. 6, # 12 1961	Cosmotron		8-282-61
	Fig. 2,Page 700 " " "			8-283-61
	Fig.1C,Page 698, " " "			8-284-61
	Fig.1, Page 284, Vol. 6, # 6, 1961			8-285-61
	Graph - Momentum Spectrum of Incident Ko2			8-286-61
	" For Sigma in C.M. System			8-287- 61
	" Mass of Y*o			8-288-61 thru 8-291-61
8/14/61	Aerial view of AGS	J.Spiro AGS	R. Walton	8-292-61 thru 8-295- 61

Date	Caption	Dept.	Photographer	Number
8/4/61	Petri Dishes	Schwinghamer Biology	M. Rosen	8-296-61 thru 8-300-61
8/7/61	Graph - Ratio of extension to T.S.D.	Dr.Bond	K. Meyn	8-301-61
	" Ratio of thickness to T.S.D.	Medical		8-302-61
8/8/61	Schematic - 25 Gauss	Levy Physics	K. Meyn	8-303-61
8/7/61	Graph - No. mild tetanus toxin	Stoner	K. Meyn	8-304-61
	" Days of antigenic stimulus	Medical		8-305-61
	" Days sera were obtained			8-306-61
	" Rad dose rate 4.01 Rads/Hour			8-307-61
	" Day of exposure to 800 Rads			8- 308-61
8/7/61	Graph - Observation period - Mortality	Easterday Medical	K. Meyn	8-309-61
8/8/61	"Steric Effects in Organic Chemistry" page 549 Table 5	Koshland Biology	K. Meyn	8-310-61
	"Structure & Mechanism in Organic Chemistry" page 37 Figure 5-1			8-311- 61
8/8/61	Schematic - Graph of Maltose & E.S. Complex.	Koshland Biology	K. Meyn	8-312-61
8/9/61	Graph - Possible economic benefits of Radioisotopes to the livestock industry.	Dr.Smith Biology	K. Meyn	8-313-61
	" Potential economic benefits of Radioisotopes to crops.			8-314-61
8/9/61	Book Original - Radiation Research Supplement 2, 1960.	J.Augenstine Biology	K. Meyn	
	Figure 6 Page 57			8-315-61
	7 58			8-316-61
	4 69			8- 317-61
	6 71			8-318-61

Date	Caption	Dept.	Photographer	Number
8/9/61	Book Original - Radiation Research			
	Supplement 2, 1960	J.Augenstine		
	Figure 4 Page 283	Biology	K. Meyn	8-319- 61
	5 285			8-320-61
	7 286			8-321-61
	1 303			8-322- 61
	1 331			8-323-61
	Table 1 438			8-324-61
	Figure 7 616			8-325-61
	8 617			8-326-61
	9 617			8-327-61
	6 285			8-328-61
	8 287			8-329-61
	Table II 438			8-330-61
	Figure 1 434			8-331-61
	1 390			8- 332-61
	5 313			8-333-61
	3 282			8-334-61
	2 304			8-335- 61
	15 113			8-336-61
	2 281			8-337-61
8/7/61	Pm Chromosomes 1000X	Sparrow Biology	R.F.Smith	8-338-61
8/2/61	Irradiated glass 120X	Weth Nuc.Eng.	R.F.Smith	8-339-61
8/7/61	Pm spinal cord 9.5X (2)	Dr.Innes	R.F.Smith	8-340-61 thru
		Biology		C8-340-61 thru
				8-342 -61
				C8-342-61
	200X (2)			8-343-61
				C8-343-61
	80X (2)			8-344- 61 thr
				C8-344- 61 thru
				8-345-61
				C8-345-61
	9.5X (2)			8-346-61
				C8-346-61
8/8/61	Schematic - Gate, Figure 10	A.Elia Instr.	K. Meyn	8-347-61
8/8/61	Graph - Effect of KCL & K Citrate	Dr.Dahl Medical	K. Meyn	8-348-61

Date	Caption	Dept.	Photographer	Number
8/14/61	Aerials of fields	F.German Biology	R. Walton	8-349- 61 thru
				8-353-61
8/8/61	Names - Garfinkel, Hagopian, Hanson,	H.Streeter		
	Hein, Kemp, Mel hop.	Physics	K. Meyn	8-354-61
	" Reynolds, Schluter, Steinberger,			
	Turkot, Wolfson, cut			8-355-61
	" Collins, Cool, Duke, Eisler, Fujii			8-356-61
8/8/61	Letters - AGS	Puleston	K. Meyn	8-357-61
	" AGS & Brookhaven	Info.		8-358-61
8/2/61	Pm Spleen 1 - 1 40X	Feeidner	R.F.Smith	8-359-61
	1 - 2 160X	Medical		8-360-61
	1 - 3 160X			8- 361-61
	1 - 4 160X			8-362-61
	1 - 5 40X			8-363-61
	1 - 6 160X			8-364-61
	1 - 7 40X			8-365-61
	1 - 8 160X			8-366-61
	2 - 1 40X			8-367-61
	2-2 160X			8-368-61
8/1/61	Pm path # 1 320X	Dr.Calvo	R.F.Smith	8-369-61
	2 320X	Medical		8-370-61
	3 320X			8-371-61
	4 320X			8-372-61
	5 320X			8-373-61
	6 320X			8-374-61
	7 320X			8-375-61
	8 320X			8-376-61
	9 200X			8-377-61
	10 200X			8-378-61
8/8/61	R.R. Flat car	F.Dugan Reactor	M. Rosen	8-379-61 thru
				8-381-61

Date	Caption	Dept.	Photographer	Number
8/4/61	Pump - High Pressure Expt.	P. Colombo	M. Rosen	8-382-61 thru
		Nuc. Eng.		8-383-61
	Gamma Facility (Tubes in Pool)			8-384-61
	Reaction Vessel			8-385-61
8/1/61	Pm Blood 1-1 400X (2)	Dr. Cottier	R. F. Smith	8-386-61
	1-2 200X	Medical		8-387-61
	1-3 400X			8-388-61
	1-4 400X			8-389-61
	1-5 400X			8-390-61
	1-6 400X			8-391-61
	1-7 400X			8-392-61
	1-8 400X			8-393-61
	2-1 400X			8-394-61
	2-2 400X			8-395-61
	2-3 400X			8-396-61
	2-4 400X			8-397-61
	2-5 400X			8-398-61
7/28/61	Low Mass Critical Assembly	Pallag Nuc. Eng.	M. Rosen	8-399-61 thru
				8-404-61
8/8/61	Test explosion	T. Coppola Safety	R. Walton	8-405- 61 thru
				8-406-61
8/8/61	Monkey irradiation	Carsten Biology	R. Walton	8-407- 61 thru
				8-409-61
8/8/61	Aerial views of pollen fields	G. Raynor Meterology	R. Walton	8-410-61 thru
				8-412-61
8/8/61	Neutron capture set-up	Dr. Delihas Medical	R. Walton	8-413- 61 thru
				8-415-61
8/10/61	Graph - Mg 25	Warburton	K. Meyn	8-416-61
	" Be 9	Physics		8-417-61
	" B 10			8-418-61

Date	Caption	Dept.	Photographer	Number
8/10/61	Chamber shots of pips # 224090	G.Zprn	R. Fuka	8-419-61
	" " " " # 224091	Physics		8-420-61
8/10/61	Paste up - #6-171-61 6-172-61	Cronkite		
	6-173-61 6-165-61	Medical	K. Meyn	8-421-61
	" " 6-164-61 6-166-61			
	6-170-61 6-174-61			8-422-61
	" " 6-162-61 6-160-61			
	6-159-61 6-161-61			8-423-61
8/10/61	Schematic - Vane	Cohen	K. Meyn	8-424-61
	" Vacuum Flanges	Physics		8-425-61
8/10/61	Graph - Autocorrelation Function	Rajagopal	K. Meyn	8-426- 61
	" Time delay in seconds	Nuc.Eng.		8-427-61
	" Frequency in Radians/sec			8-428-61
8/10/61	Schematic - Nitrofluor Process Flowsheet	Horn Nuc.Eng.	K. Meyn	8-429-61
8/10/61	Book Orig. -"Study of Dose & Effect in Initiation of Skin Tumors6/29/60"	Quastler Biology		
	Table VIII, page 584		K. Meyn	8-430-61
	Figure 1, page 585			8-431-61
8/10/61	Book Orig. - "Control of certain factors of dosage in Epidermal Carcinogenesis"	Quastler Biology		
	Figure 1, Page 401		K. Meyn	8-432-61
8/10/61	Graph - Figure 1	Koppel Nuc.Eng.	K. Meyn	8-433-61
8/10/61	Graph - Template Theory	Koshland	K. Meyn	8-434-61
	Schematic	Biology		8-435-61
	" Nucleotide Triphosphate			8-436-61
8/7/61	Display Panels (Isotopes)	J.Austin Hot Lab	M. Rosen	8-437-61 thru 8-443-61

Date	Caption	Dept.	Photographer	Number
8/11/61	Schematic - USAEC Research Irradiator	O.Kuhl Nuc.Eng.	K. Meyn	8-444-61
8/11/61	Composite Pasteup	Sparrow Biology	R. Fuka	8-445-61
8/11/61	Pm Pollen tube autograph 800X	Kwack	R.F.Smith	8-446-61 th m
				8-448-61
	1200X			8-449-61
8/14/61	Schematic - High Intensity Radiation	O.Kuhl		
	Development Lab., BNL	Nuc.Eng.	R. Fuka	8-450-61 thru
				8-451- 61
8/14/61	Curve - % Fatal Anaphylaxis vs. days	R.Stoner		
	after radiation	Medical	R. Fuka	8-452-61
	" Daysof continuous exposuge			8-453-61
	" Challenged 7 days after			
	irradiation (fluid toxoid i.v.)			
	40 Mice/Group			8-454-61
8/14/61	Curve Graph - Neg.# 5-583-61 w/o title	D.Price	R. Fuka	8-455-61
	Curve Graph Composite - Whole body	Medical		
	activity (% of initial FB59 activity)			
	vs. days after oral Fe59			8-456-61
8/14/61	Curve - Neutron scattering cross section			
	per hydrogen atom for ammonia & the	H.Finston		
	ammonium halides.	Nuc.Eng.	R. Fuka	8-457-61
8/14/61	Curve - NH4I	Otnes Reactor	R. Fuka	8-458-61
8/14/61	Print of Skeleton	A.Carsten HP	R. Fuka	8-459-61
8/14/61	Composite PMs 1-2-3-4	Miksche	R. Fuka	8-460-61
	5-6-7-8	Biology		8-461-61
	9-10-11-12			8-462-61
	13-14-15-16			8-463-61

Date	Caption	Dept.	Photographer	Number
8/14/61	Copy of PM	Quastler Biology	R. Fuka	8-464-61
8/14/61	Copy of Photo 1 - Fracture of shielding Window (from Hot side)	L.B.Adler Nuc.Eng.	R. Fuka	8-465-61
	Copy of Photo 2 - Fracture of shielding Window (from Cold side)			8-466-61
	Copy of Photo 3 - Branching patterned fracture of shielding window (Upper part of Left side, from Hot Side).			8-467-61
8/9/61	Chassis	Sugarman Instr.	R. Walton	8-468-61 thru 8-470-61
8/9/61	Bureau of Mines	L.Baker Safety	R. Walton	8-471-61 thru 8-477-61
8/14/61	Graph-mg 26	Warburton Physics	R. Fuka	8-478-61
	" ne 20			8-479-61
	Curve - Differential cross section (mb/sterod) vs. (center of mass)			8-480-61
8/14/61	Schematic	Mollenauer Chemistry	R. Fuka	8-481-61
8/14/61	Curve - Germination in % of controls vs. X-Ray dose to pollen in 100 Kr.	Brewbaker Biology	R. Fuka	8-482-61
	" Germination in % of controls vs. X-Ray dose to pollen in 100Kr.			8-483-61
8/9/61	Experimental monkey and the "Times"	A.Carsten Biology	R.J.Walton	8-484-61
8/9/61	Experimental monkey	"	"	8-485-61
8/14/61	Pulses #1 thru #12 consec. Polaroid Print Originals	Barton Cosmo.	R. Fuka	8-486-61thru 8-497-61

Date	Caption	Dept.	Photographer	Number
8/14/61	Polaroid Print Originals Pulses #13-18	Barton Cosmotron	R. Fuka	8-498-61thru 8-503-61
8/9/61	Air Monitoring Equipment (with captions see #8-782-61 thru # 8-791-61)	G. Haskin H.P.	M. Rosen	8-504-61 thru 8-514-61
8/15/61	Curve - Plot of flux in experimental hole W-11 in BNL Reactor at 20 MW	Steinberg Nuc.Eng.	R. Fuka	8-515-61
	Schematic - Location of In-Pile section relative to fuel channel loading.			8-516-61
	" Elevation equipment layout			8-517-61
	" Equipment layout			8-518-61
8/10/61	PMs of Tissue (1)	Dr.Calvo Medical	R.F.Smith	C8-519-61 thru C8-554-61
8/10/61	Petunias	H.Smith Biology	R.Walton	C8-555-61 thru C8-567-61
8/15/61	Typed Table	Koshland Biology	R. Fuka	8-568-61 thru 8-569-61
	Table - Energies required in certain deformation.			8-570-61
8/15/61	Curve - Appearance & disappearance of H3 Thymidine.	Fliedner Medical	R. Fuka	8-571-61
	" Days after i.v. H3 Thymidine			8-572-61
	" Rate of disappearance of H3 Thymidine.			8-573-61
	" Monocyte Turnover			8-574-61
	Schematic - Scheme of a germinal center			8-575-61
8/15/61	Typed Table	W.Willis Physics	R. Fuka	8-576-61

Date	Caption	Dept.	Photographer	Number
8/15/61	Curve - K2 Spectrum	Willis	R. Fuka	8-577-61
	" Vector Form factor squared	Physics		8-578-61
	" Mev decay comparison with theory			8-579-61
	" Cross sections for K2 interactions			8-580-61
	" Momentum Mev/c Lab			8-581-61
	" Dalitz plot for K2			8-582-61
	" K1/ Hyperon ratio			8- 583-61
	" Mev Tensor			8-584 - 61
	" Tensor interaction			8-585-61
	" Ke3 Vector interaction			8-586- 6 1
	" Detection efficiency			8-587-61
	" Ke3 scalar interaction			8-588-61
8/9/61	Flower buds on plants (1)	Miksche Biology	R. Walton	C8-589-61 thru C8-592-61
8/16/61	Graph - Figure 3	Starr	R. Fuka	8-593-61
	" Figure 4	Nuc. Eng.		8-594-61
	" Figure 5			8-595-61
	" Figure 6 Radial distance in inches.			8-596-61
	" Figure 7			8-597-61
8/16/61	Graph - Relative counting rate	Sugarman Instr.	R. Fuka	8-598-61
8/16/61	Graph - 1/T x 103	Flanagan	R. Fuka	8-599-61
	" Pressure Helium (MM)	Physics		8-600-61
	" 1/T x 103			8-601-61
	" K (% dehydration/MN)			8-602- 61
	" Percent dehydration (a)			8-603-61
	" Percent decomposition			8-604-61
	" Percent dehydration			8-605-61
8/16/61	Typed Table - Table I	E. Starr Nuc. Eng.	R. Fuka	8-606-61
8/16/61	"Medical Survey of Rongelap People"	Puleston		
	Figure 2, page 5	Pub. Info.	R. Fuka	8-607-61
	Figure 3, page 5			8-608-61
	Figure 4, page 6			8-609-61

Date	Caption	Dept.	Photographer	Number
8/16/61	Pasteup	Kwack Biology	R. Fuka	8-610-61
8/4/61	NaK Loop Progress	C. Scarlett Nuc. Eng.	M. Rosen	8-611-61 thru 8-612-61
8/14/61	Rag-weed field east	Dr. Ogden Meterology	R. Walton	CN8-613-61 thru CN8- 614-61
8/9/61	Aerial view of AGS	J. Spiro AGS	R. Walton	CN8-615-61 thru CN8-616-61
8/7/61	Unit # 80007R	Cotzias Medical	R. Walton	8-617-61 thru 8-618- 61
8/9/61	Electrocardiogram electrodes in place	Dr. Fine Medical	R. Walton	8-619-61
8/11/61	Bureau of Mines - test	A. Coppola Safety	R. Walton	8-620-61 thru 8-624-61
8/10/61	Flat Car damaged cables	F. Dugan Reactor	M. Rosen	8-625-61 thru 8-627-61
8/16/61	Steering magnet	Mandel AGS	R. Walton	8-628-61 thru 8-630-61
8/15/61	Installing beam tube & magnets	B. Fowler Physics	R. Walton	8-631-61 thru 8-639-61
8/16/61	Curve - Dog 503 550 r treated	V. Bond	H. Maile	8-640-61
	" Dog 547 500 r treated	Medical		8-641-61
	" Dog 554 500 r treated			8-642-61
	" Dog 564 500 r control			8-643-61
	" Dog 556 550 r treated			8-644-61
	" Dog 540 460 r control			8-645-61
	" Dog 546 460 r control			8-646-61
	" Dog 479 420 r control			8-647-61
	" Dog 530 500 r treated			8-648-61

Date	Caption	Dept.	Photographer	Number
8/16/61	Curve - Dog 489 420 r control	V. Bond	H. Maile	8-649-61
	" Dog 545 500 r treated	Medical		8-650-61
	" Dog 539 460 r control			8-651-61
	" Dog 555 500 r control			8- 652-61
	" Dog 497 550 r control			8-653- 61
	" Dog 512 550 r control			8-654-61
	" Dog 550 500 r treated			8-655-61
	" Dog 485 420 r control			8-656-61
	" Dog 532 460 r control			8-657-61
	" Dog 531 500 r control			8- 658-61
	" Dog 552 500 r control			8-659-61
	" Dog 477 420 r control			8-660-61
	" Dog 486 420 r control			8-661-61
	" Dog 559 500 r control			8-662-61
	" Dog 453 550 r control			8-663-61
	" Dog 527 550 r control			8- 664-61
	" Dog 529 460 r control			8-665-61
	" Dog 513 550 r control			8-666-61
	" Mean blood values on control dogs.			8-667-61
	" Mean blood values on treated dogs.			8-668-61
	" Dog 533 460 r treated			8-669-61
	" Dog 541 460 r treated			8-670-61
	Graph - Time dist. of deaths (30 days) in control & treated dogs.			8-671-61
8/10/61	Huernia Flower (2)	L. Schairer Biology	M. Rosen	C8-672-61 thru C8-673-61
8/16/61	Graph - Peclet Number X 10 -3	O. Dwyer Nuc. Eng.	K. Meyn	8-674-61
8/16/61	Graph - Fractionation of Chlorobium	Smillie	K. Meyn	8- 675-61
	" Fractionation of Chromatium	Biology		8-676-61
8/16/61	Table - Failure of He La	Dr. Stoner	K. Meyn	8-677-61
	" Effect of Radiation	Medical		8-678-61
	" Effect of Antigenic			8-679-61
	" Failure of Zymosan			8-680-61
	" Effect of Active Antibody			8-681-61

Date	Caption	Dept.	Photographer	Number
8/17/61	Slide Orig. - Multiple Myeloma	Lippincott Medical	K. Meyn	8-682-61
8/7/61	Graph: "Lab Momemtum"	W. Love Physics	K. Meyn	8-683-61
8/7/61	Schematic: formula	"	K. Meyn	8-684-61
8/7/61	Composite: Counter Pressure A & B	"	K. Meyn	8-685-61
8/17/61	Schematic - Layout for proposed Proton Beam for AGS	Collins Physics	K. Meyn	8-686-61
8/8/61	Mercury Loop	B. Geller Metallurgy	M. Rosen	8-687-61
8/15/61	Demineralizer Control Center	B. Isler Nuc. Eng.	M. Rosen	8-688-61 thru 8-690-61
8/8/61	80" Bubble Chamber Expansion System (Test Set-up)	Baker BubbleChamber	M. Rosen	8-691-61 thru 8-694-61
8/17/61	Schematic - Pollen Behavior	Brewbaker Biology	K. Meyn	8-695-61
8/17/61	Graph	Semerjian ADD	K. Meyn	8-696-61 thru 8-699-61
	Schematic - Bucket			8-700-61
	" Bunching Bucket			8-701-61
	" A + A			8-702-61
	" A + B + C			8-703-61
8/16/61	Van	D. Hill	R. Walton	CN8-704-61 thru CN8-705-61
8/18/61	Schematic - Cell Assembly	Banslabin Hot Lab	H. Maile	8-706-61
8/18/61	Graph- Figure 1	Courant ADD	H. Maile	8-707-61
8/18/61	Graph - Pinus Rigida	Sparrow Biology	H. Maile	8-708-61

Date	Caption	Dept.	Photographer	Number
8/18/61	Graph - 8.499	Kane	H. Maile	8-709- 61
	" 8.881	Physics		8-710-61
	" Cr 54			8-711-61
	" Cr 53			8-712-61
	" 1.93 (Cr51)			8-713-61
	" Counts per channel			8-714-61
	" Channel			8-715-61
	" Cr 51			8-716-61
	" 8.499			8-717-61
	" 8.881			8-718-61
8/18/61	Slide Original - Day of Disease	VanSlyke	K. Meyn	8-719-61
	Figure 2	Medical		8-720-61
	Urine			8-721-61
	Urine Proteins			8-722-61
	Cyanosis			8-723-61
	% of intact glomeruli			8-724 - 61
	CC of urea content			8-725-61
	Urine Sp.Gr.			8-726-61
	Renal plasma			8-727-61
	Urea clearance			8-728-61
	Renal Function			8-729-61
	Ion exchange			8-730-61
	U/B			8-731-61
	Figure 3			8-732-61
	Actual C			8-733-61
	Plasma CO2			8-734-61
	Acidosis			8-735-61
	Ratio - clearance			8-736-61
	Figure 2			8-737-61
8/18/61	Curve	M.Slavin Chem.	H. Maile	8-738-61
8/18/61	Schematic Drawing of AGS East	B.Fowler		
	Experimental area SectionA	Physics	H. Maile	8-739-61

Date	Caption	Dept.	Photographer	Number
8/15/61	Ecology Survey Tests Frame 3	Woodwell Biology	M. Rosen	8-740-61
	4			8-741-61
	5			8-742-61
	6			8-743-61
	7			8-744-61
	9			8-745-61
	10			8-746- 61
	11			8-747-61
	13			8-748-61
	14			8-749-61
	16			8-750-61
8/15/61	Ecology Survey Tests	Woodwell Biology	M. Rosen	C8-751-61 thru C8-761-61
8/14/61	Mercury Loop	J.Klein Nuc.Eng.	M. Rosen	8-762-61 thru 8-764-61
8/21/61	Graph: Mittlere	Dr.Cottler Medical	E.Meyh	8-765-61
8/21/61	Graph: Kommerzahl	"	"	8-766-61
8/21/61	Graph: U=Unbestrahlt	"	"	8-767-61
8/21/61	~~Princeton Group~~ - Polaroid Original	Reynolds		
	10-2 Shot 1:1	Princeton Group	K. Meyn	8-768-61
	12-3			8-769-61
	3-2			8-770-61
	1-1			8-771-61
	11-2			8-772-61
	5-2			8-773-61
	7-1			8-774-61
	13-1			8-775-61
	42			8-776-61
	42 All			8-777-61
8/21/61	Schematic - Grid Shot 1:1	Reibel Cosmotron	K. Meyn	8-778-61

Date	Caption	Dept.	Photographer	Number
8/21/61	Copy of Photograph Section	Dr.Golden Medical	K. Meyn	8-779-61 thru 8-781-61
8/22/61	Print Original - Figure 1	Distenfeld	K. Meyn	8-782-61
	Figure 2	H.P.		8-783-61
	Figure 3			8-784-61
	Figure 4			8-785-61
	Figure 5			8-786-61
	Figure 6			8-787-61
	Figure 7			8-788-61
	Figure 8			8-789-61
	Figure 9			8-790-61
	Figure 10			8-791-61
	(without captions see #8-504-61 thru 8-511-61, 8-513-61, 8-514-61)			
8/22/61	Schematic	Quastler	K. Meyn	8-792-61
	" Proliferative cycle	Biology		8-793-61
	" S1S*			8-794-61
	" Competitive sinks & Competitive sources			8-795- 61
8/22/61	Schematic - Radiation Loop	J.Chow	K. Meyn	8-796-61
	" Cut off vise & saw	Mec.Eng.		8-797-61
8/22/61	Schematic - X110-1V	Brewbaker	K. Meyn	8-798-61
	" 960-11	Biology		8-799-61
	" X79-3			8-800-61
	" Petunia inflata			8-801-61
	" X84-3			8-802-61
	" Somatic chromosomes			8-803-61
	Graph - Gamete Production			8-804-61
8/10/61	Tobacco flowers (1)	H.Smith Biology	R. Walton	8-805-61 thru C8-805-61 thru 8-809-61 C8-809- 61

Date	Caption	Dept.	Photographer	Number
8/21/61	Curve - Spherical Ni2 + form factors	Alperin	K. Meyn	8-810-61
	" Ni2 + form factors	Physics		8-811-61
8/18/61	Oak trees around Gamma field	Schairer	R. Walton	8-812-61 thru
		Biology		C8-812-61 thru 8-819-61
	Gamma field			C8-819-61 8-820-61
	Trees in Gamma field			C8-820-61 8-821-61 thru
				C8-821-61 thru 8-822-61
				C8-822-61
8/10/61	Loop	T. Ingraham Metallurgy	R. Walton	8-823-61
8/14/61	Unit # 80284R (1)	Robertson Medical	R. Walton	8-824-61 thru
				C8-824-61 thru 8-826-61
	Unit # 80283R (1)			C8-826-61 8-827-61 thru
				C8-827-61 thru 8-829-61
				C8-829-61
8/18/61	Stress pattern	H. Courtney Physics	R. Walton	8-830-61 thru
				8-831-61
8/17/61	Cross-section of pipe fracture	Cendrowski Metallurgy	R. Walton	8-832-61 thru
				8-834-61
8/17/61	Mice	Dr. Rai Medical	R. Walton	8-835-61 thru
				8-843-61
8/19/61	High level radiation tank	A. Ottmann Nuc. Eng.	R. Walton	8-844-61 thru
				8-853-61
8/17/61	Gamma Counting set-up for dog	G. S. Omenn Medical	M. Rosen	8-854-61 thru
				8-857-61
8/22/61	Table - Molten Halides	C. H. Liu Nuc. Eng.	K. Meyn	8-858-61
8/22/61	Table - Concentration in Pellet	Bergeron Biology	K. Meyn	8-859-61
8/22/61	Graph - Ni**	Alperin Physics	K. Meyn	8-860-61

Date	Caption	Dept.	Photographer	Number
8/22/61	Table - Pinus strobus	Sparrow Biology	K. Meyn	8-861-61
8/22/61	Table - Slide IV	C.Gould	K. Meyn	8-862-61
	Graph - Slide VII	ADD		8-863-61
8/22/61	Graph - Formula	Alperin Physics	K. Meyn	8-864-61
8/22/61	Schematic - Neutron Capture Therapy	Konikowski Medical	K. Meyn	8-865-61
8/22/61	Graph - Length of Illumination	Bergeron	K. Meyn	8-866-61
	" In vivo spectrum	Biology		8-867-61
8/22/61	Table - Diagnosis	Price	K. Meyn	8-868-61
	" Mild Cirrhosis	Medical		8-869-61
8/22/61	Graph - Chronic irradiation	Sparrow	K. Meyn	8-870-61
	" Acute irradiation	Biology		8-871-61
8/22/61	Graph - Mev/c - Ster.	Melissinos	K. Meyn	8-872-61
	" Mev - Ster	Physics		8-873-61
8/22/61	Table - PMS	Smillie	K. Meyn	8-874- 61
	" dehydrogenose	Biology		8-875-61
	" Enzymes			8-876-61
	" % distribution			8-877-61
	" Fractionation of chlorobium			8-878-61
	" (PCMB)			8-879-61
	" Inhibitors of chromatium			8-880-61
8/22/61	Table - Radioactivities	Dr.Shemin	K. Meyn	8-881-61
	" Vit. B12 synthesized	Medical		8-882-61
	" Degradation of B12			8-883-61
	" Elementary analysis			8-884-61
	" Vitamin B12			8-885-61
	" Methionine			8-886-61
	" AIA-2/ 3-C			8-887- 61

Date	Caption	Dept.	Photographer	Number
8/22/61	Graph - CH3	Dr.Shemin	K. Meyn	8-888-61
	" Vitamin B12/ml	Medical		8-889-61
	" COOH			8-890-61
	" Optical Density			8-891-61
	Print Original - Desired			8- 892-61
	" " Degradation of Vit.B12			8-893-61
	" " Synthetic			8-894-61
	Book Original - Table 1, page 662 of "Preliminary notes", Vol.25 (1957)			8-895-61
8/10/61	Tobacco flower (1)	H.H.Smith Biology.	R.J.Walton	C8-896-61
~~8/22/61~~	~~Schematic - Source Arrangement~~ delete	~~Adler~~ ~~Nuc.Eng.~~	~~K. Meyn~~	~~8-897-61~~
8/18/61	Interior of "Atoms at Work" Trailer	B.Isler Nuc.Eng.	M. Rosen	8-897-61
8/15/61	NaK Loop Progress	Scarlett Nuc.Eng.	M. Rosen	8-898-61 thru 8-899-61
8/23/61	Graph - Be target	Cool	K. Meyn	8-900-61
	" Pion C.O.M. Momentum	Physics		8-901-61
	" 29.5 Bev/c Protons			8-902-61
	" Laboratory Momentum			8-903-61
	" Photon Spectra From p-p			8-904-61
	" C.M. Photon Spectra			8-905-61
	" Pion Angular distribution			8-906-61
8/24/61	Slide Original - Chromosomes	Woodley Biology	K. Meyn	8-907-61
8/24/61	Slide Original - Portrait	Van Slyke	K. Meyn	8-908-61
	" " Medical Room	Medical		8-909-61
8/22/61	Fuel element	J.Kinne Nuc.Eng.	R. Walton	8-910-61 thru 8-911-61

Date	Caption	Dept.	Photographer	Number
8/24/61	Pasteup - Autograph	Fliedner Medical	K. Meyn	8-912-61 thru
				8-913-61
	Pasteup - # 8-362-61			8-914-61
	" 2-419-59 3-23-58			8-915-61
8/24/61	1st Prize for Color Abbott	Sabine	R. Fuka	8-916-61
	2nd Prize for Color Geisbusch	Recreation		8-917-61
	3rd Price for Color Zulliger			8-918-61
	(copied from color slides)			
8/24/61	Graph - 29.5 Bev Protons	R. Cool Physics	K. Meyn	8-919-61
8/24/61	Table - Ro	McBwen	K. Meyn	8-920-61
	" C6H5	Chemistry		8-921-61
	" R-1			8-922-61
	" P (CH2CH2CN)3			8-923-61
	" LiAlHy			8-92 4 -61
	" CH2CH3			8-925- 61
8/24/61	Table	Finston	K. Meyn	8-926- 61
	Table I	Nuc. Eng.		8-927-61
	Table II			8-928-61
8/24/61	Graph - Ring Pumps	C. Gould	K. Meyn	8-929-61
	" Linac Pumps	ADD		8-930-61
8/24/61	Graph - Molar extinction coefficient	Augenstine	K. Meyn	8-931-61
	" Deuterated trypsin	Biology		8-932-61
8/24/61	Graph - Energy in Mev	Goldhaber	K. Meyn	8-933-61
	Schematic - HF180 - Os186 - Os190	Physics		8-934- 61
8/24/61	Graph - Formula	Finston Nuc. Eng.	K. Meyn	8-935-61
8/24/61	Graph - Sample	Seltzer	K. Meyn	8-936-61
	" = 1.05	Chemistry		8-937-61
	" = 1.00			8-938- 61
	" = 1.02			8-939-61

Date	Caption	Dept.	Photographer	Number
8/24/61	Graph - Critical Oscillation	Lellouche	K. Meyn	8-940-61
	" Regions of stability	Nuc.Eng.		8-941-61
8/23/61	Mice	Dr.Rai Medical	R. Walton	8-942-61 thru
				8-943-61
8/18/61	Beam # 1 Cosmotron	M.McCrum Cosmotron	M. Rosen	8-944-61 thru
				8-952-61
8/18/61	Unit # 80204R	Dr.Golden Medical	R. Walton	8-953-61 thru
				8-954-61
8/24/61	Dots	Miller Instr.	K. Meyn	8-955-61
8/25/61	Schematic - AGS 8-1-61	R. Cool	K. Meyn	8-956-61
	" AGS Floor Plan	Physics		8-957-61
8/25/61	Graph - Transmission of 32 Beam	Melissinos	K. Meyn	8-958-61
	" 2.1 Bev	Physics		8-959-61
	" 920 Mev/c			8-960-61
	" A + B			8-961-61
	" Isotropic Isobar			8-962-61
	Drawing - Experimental Layout			8-963-61
8/25/61	Slide Original - In vivo	VanSlyke	K. Meyn	8-964-61
	" " Carbonic acid	Medical		8-965-61
	" " Chart 34			8-966-61
	" " Estimated %'s			8-967-61
	" " Acid-Base composition			8-968-61
	" " Blood Buffers			8-969-61
	" " Rate of Glutamine			8-970-61
	" " Bicarbonate			8-971- 61
	" " Changes in CO_2			8-972- 61
	" " Lactic Acid			8-973-61
	" " Glutamine			8-974-61
	" " Chart 38			8-975-61
	" " Serum in diabetic coma			8-976-61

Date	Caption	Dept.	Photographer	Number
8/25/61	Graph - Shunt Signal	Schwarzer Instr.	K. Meyn	8-977-61
8/25/61	Slide Original - Specific activity	Steele	K. Meyn	8-978-61
	" " Plasma Glucose concn.	Biology		8-979- 61
8/23/61	NaK Loop Progress	Scarlett Nuc. Eng.	M. Rosen	8-980-61 thru 8-982-61
8/24/61	# 1 Time 16:40	B. Young	R. Walton	8-983-61
	2 " 16:43	Safety		8-984-61
	3 " 16:50			8-985-61
	4 " 16:53			8-986-61
	5 " 16:55			8-987-61
	6 " 16:57			8-988-61
	7 " 16:59			8-989-61
	8 " 17:01			8-990- 61
	9 " 17:03			8-991-61
	10 " 17:05			8-992-61
	11 " 17:09			8-993-61
	12 " 17:10			8-994-61
8/23/61	Glass Rack (1)	Flanagan Physics	M. Rosen	8-995-61 thru 8-999-61 ~~C8-995- 61 thru C8-999-61~~
8/28/61	Graph - Dalitz Plot for K2	Willis Physics	K. Meyn	8-1000-61
8/28/61	Table - Formula	Goldhaber Physics	K. Meyn	8-1001-61 thr 8-1002-61
8/25/61	Table - Racemic	McEwen	K. Meyn	8-1003-61
	" Benzene	Chemistry		8-1004-61
	" CH2 CH3			8- 1005-61
	" C6H5			8-1006-61
	" n - Pr			8- 1007-61
	" (C6H5)			8-1008-61
	" Na OH			8-1009-61
	" LiA1H4			8-1010-61
	" CH2			8-1011-61

Date	Caption	Dept.	Photographer	Number
8/28/61	Schematic - Figure 1	Dr. Fine Medical	K. Meyn	8-1012-61
8/28/61	Captions - Radiation effect of Accelerator.	Lippincott Medical	K. Meyn	8-1013-61
	" Effects of High Energy			8-1014-61
8/28/61	Graph - Mn57	Kane Physics	K. Meyn	8- 1015-61
8/28/61	Graph - Channel Number	Warburton	K. Meyn	8-1016- 61
	" Gamma Ray Energy	Physics		8-1017-61
	" Proton Magnetic Resonance			8-1018-61
8/24/61	Monitoring equipment for intervenous feeding.	Dr. Fine Medical	R. Walton	8-1019-61
8/25/61	Graph - Transient	J. Hendrie	R. Fuka &	8-1020-61
	" Figure 2	Nuc. Eng.	K. Meyn	8-1021-61
	" Loss of Pressure			8-1022-61
	" Figure 1			8-1023- 61
	" 2			8-1024-61
	" 3			8-1025- 61
	" 4			8-1026-61
	" 5			8-1027- 61
	" 6			8-1028-61
	" 14			8-1029-61
	" 15			8-1030-61
	" 30			8-1031-61
	" 32			8-1032 -61
	" 33			8- 1033-61
	" 34			8-1034-61
	" 43			8-1035-61
	" 44			8-1036- 61
	" 81			8-1037-61
	" 82			8-1038-61
	" 83			8-1039-61
	" 87			8-1040-61
	" 88			8-1041-61

Date	Caption	Dept.	Photographer	Number
8/25/61	Graph - Figure 89	J.Hendrie	Fuka/Meyn	8-1042-61
	Schematic - Poor Orig. - Port Assembly	Nuc.Eng.		8-1043- 61
	" " " Experimental Level			8-1044-61
	" " " Equipment Level			8-1045-61
	" " " Steam Flow			8- 1046-61
	" " " Cross Section -N			8-1047-61
	" " " Operations Level			8-1048-61
	" " " Exhaust Systems			8-1049-61
	" " " Balcony Level			8-1050-61
	" " " Piping & instrument flow diagram.			8-1051-61
	" " " E-W cross section			8-1052-61
	" " " Lower thermal shield assembly.			8-1053-61
	" " " Process flow diagram.			8-1054-61
8/28/61	Pm autograph 1000X	A.Haque Biology	R.F.Smith	8-1055-61 thru 8-1059-61
8/29/61	Slide Original - KS Channels	Warburton	K. Meyn	8-1060-61
	" " Exitation Energy in N13	Physics		8-1061-61
	" " 15.1 Mev			8-1062-61
	" " Ep = 24.4 Mev			8-1063-61
	" " y = 128 Mev			8-1064- 61
8/29/61	Graph - Hours after hatching	P.Woods	K. Meyn	8-1065-61
	Print Original	Biology		8-1066-61
8/29/61	Pasteup	Cornish Pat.Group	K. Meyn	8-1067- 61 thru 8-1068-61
8/29/61	Chromatograms U.V. Source 8/24/61 I	Marghalonis	K. Meyn	8-1069-61
	" " " " II	Biology		8-1070-61
8/29/61	Pasteup Shot 1:1	J.Constant Instr.	K. Meyn	8-1071-61

Date	Caption	Dept.	Photographer	Number
8/29/61	Graph - Reactor	Schweitzer	K. Meyn	8- 1072-61
	" 200 & 600 C	Nuc.Eng.		8-1073-61
	" Low Permeability			8-1074-61
	" Agot (KC)			8-1075- 61
	" Thermal conductivity			8-1076-61
8/30/61	Slide # 1 -Book Orig. Fig. 8 & 9	McManus	K. Meyn	8-1077-61
	2 " " Fig. 10 & 11	Physics		8- 1078-61
	3 " " Fig. 14 & 15			8-1079-61
	4 " " Graph Fig. 4			8-1080-61
	5 " " Graph Fig. 4			8-1081-61
	6 " " Nuclear Physics			
	Vol. 25 - 61			8-1082-61
	7 " " Nuclear Physics			
	Vol. 25 - 61			8-1083-61
	8 " " Graph - Mev Level			8-1084-61
	9 " " Graph			8-1085-61
	10 Graph - Very Poor Orig. Fig.3			8-1086-61
	11 " " " " Fig. 5			8-1087- 61
	12 " Differential cross-section			8-1088-61
	13 " Scattering Angle			8-1089-61
	14 Book Orig. - Nuclear Physics			
	Vol. 18 -60			8-1090-61
	15 " " Nuclear Physics			
	Vol. 18 - 60			8-1091-61
	16 Graph- Abstract Original			8-1092-61
	17 " Preliminary			8-1093-61
	18 " Abstract Original			8-1094-61
8/30/61	Graph - Losses (1000 MG)	Hughes	K. Meyn	8-1095- 61
	" 235 MEV Drift Tube Cell	ADD		8-1096-61
	" Losses for shaped drift tube			
	accelerator.			8-1097-61
	" Family of drift tubes.			8-1098- 61
	Drawing - Unit cell with conventional			
	drift tube for alvarez type			
	linear accelerator.			8-1099-61

Date	Caption	Dept.	Photographer	Number
8/30/61	Half cell for dipole driven cavity	Hughes	K. Meyn	8-1100-61
	Chart - Optimum losses at 200 Mc for	ADD		
	shaped drift tube accelerator.			8-1101-61
8/29/61	80" Bubble Chamber Constr. Progress	D.Brown	M. Rosen	8-1102-61 thru
		Stone/Webster		8-1104-61
	AGS Building Extension Progress			8-1105-61 thru
				8-1106-61
8/28/61	Monel Tanks & Piping	Jefferson Nuc.Eng.	M. Rosen	8-1107-61 thru
				8-1112- 61
8/30/61	Chart - Precursors of nicotine in	Christman		
	tobacco.	Chemistry	K. Meyn	8-1113-61
	" Precursors of nicotine in			
	tobacco.			8-1114-61
	" Ratios of position C14 activity			
	in nicotine acid precursors.			8-1115-61
	" Precursors of nicotine in			
	tobacco.			8-1116-61
	" Ratios of position C14 activity			
	in nicotine acid precursors.			8-1117-61
	" Precursors of nicotine in			
	tobacco.			8-1118-61
	Hypothetical scheme for nicotinic acid			
	biosynthesis.			8-1119-61
	Ratios of Position C14 acitivity in			
	nicotinic acid precursors.			8-1120-61
8/30/61	Chart-Comparison of total cross-sections	Melissinos		
	at 2.9 BEV	Physics	K. Meyn	8-1121-61
	" Position of maxima in Pion spectra			8-1122-61
	Graph - 800 Singles			8-1123-61
	" 0° Singles			8-1124-61
	" Isotropic isobar			8-1125- 61
	" 47° Singles			8-1126- 6 1

Date	Caption	Dept.	Photographer	Number
8/30/61	Composite of 7-5-59 6-491-61 &	Lippincott		
	1-218-59 page 34, Med. Bul. 7/1/61	Medical	K. Meyn	8-1127-61
	Composite of 4-50-61, 5-632-61, 6-818-61,			
	8-1013-61, 6-498-61 & 4-602-61			
	page 32, Med. Bulletin 7/1/61			8-1128-61
8/29/61	Print Original - Chamber Picture	Calkin	K. Meyn	8-1129-61 thru
		App.Math.		8-1133-61
	Graph - 29770			8-1134-61
	" 29401			8-1135-61
8/30/61	Chart of reactions	Seltzer	K. Meyn	8-1136-61 thru
		Chemistry		8-1138-61
	Mechanism of Thermal Decomposition			8-1139-61
	Kinetic analysis of a series first			
	order mechanism.			8-1140-61
	Some secondary a-deuterium isotope			
	effects in bond-breaking systems.			8-1141-61
	Activation energies in the thermal			
	decomposition of dialkylazo compounds.			8-1142-61
	First order rate constants for the			
	thermal decomposition of a-Phenyl-			
	ethylazo - 2- propane.			8-1143-61
	Secondary a-deuterium isotope effect			
	in the thermal decomposition of			
	Azo-bis-a-phenylethane.			8-1144-61
	Probable transition state in the thermal			
	decompsoition of a-Phenylthylazo-2-			
	propane.			8-1145-61
8/30/61	Graph - Radiolysis of solid acetamide	Rao		
	Yield of hydrogen vs. dose	Chemistry	K. Meyn	8-1146-6 1
	Yield of CH4 vs. dose			8-1147-61
	Yield of CH4 vs. temp.			8-1148-61
	H2 yield vs. temp.			8-1149-61
	Yield of CH3 CN vs. dose			8-1150- 61

Date	Caption	Dept.	Photographer	Number
8/30/61	Angles in H-Bonded systems	Hamilton	K. Meyn	8-1151-61
	Spiral spin structures	Chemistry		8-1152-61
	Ordinary spin structures			8-1153-61
8/30/61	X-Ray	Archambeau Medical	K. Meyn	8-1154-61 thru
				8-1155-61
8/30/61	Drawing	Rao Chemistry	K. Meyn	8-1156-61
8/30/61	Graphs - Increasing field	Seltzer Chemistry	K. Meyn	8-1157- 61
8/28/61	"Atoms at Work" Exhibit - So. America	D. Metz Nuc. Eng.	H. Maile	CN8-1158-61 thr
				CN8-1162-61
8/30/61	Polaroid Original - Reverse Image	Sutin Chemistry	K. Meyn	8-1163-61 thru
				8-1164- 61
8/30/61	Fig. 2-1 Configuration of a structure-less AG Synchrotron	Blewett ADD	K. Meyn	8-1165-61
	Fig. 2-2 f1 & g1 plotted against n1/p			8-1166-61
	Fig. 2-3 Configuration of long straight section, etc.			8-1167-61
	Fig. 2-4 Bending magnets in long straight section for extracting zero angle secondary beams.			8-1168-61
	Fig. 2-5 Beam siding			8-1169-61
	Fig. 3-1A & B One super sector of a 700 (A) 400 (b) Bev AG Synchrotron.			8-1170-61
	Fig. 5-1 Magnet Pole			8-1171- 61
	Fig. 5-2 Cross section through steel of MSU model.			8-1172-61
	Fig. 5-3 Halftone			8-1173- 61
	Fig. 5-4 Halftone			8-1174-61
	Fig. 5-5 B vs N1 in MSU model			8-1175-61
	Fig. 5-6 B vs R in MSU model			8-1176-61
	Fig. 5-7 Remanent field in MSU model			8-1177-61
	Fig. 5-8 Magnet $\frac{1}{4}$ scale			8-1178-61

Date	Caption	Dept.	Photographer	Number
8/30/61	Fig.6-1 B vs Time graph	Blewett	K. Meyn	8-1179-61
	Fig.6-2 Graph - Gauss vs. time	ADD		8-1180-61
	Fig.8-1 AG magnets F & D & long straight section D			8-1181-61
	Fig.8-2 Section of magnet			8-1182-61
	Fig.8-3 Elevation of magnet sector end			8-1183-61
	Fig.10-1 1000 BEV accelerator			8-1184-61
	Fig.10-2 Tunnel cross section			8-1185- 61
	Fig.10-3 Dimensions in meters			8-1186-61
	Fig.10-4 Section of experimental area looking toward target			8-1187-61
	Fig.10-5 Section of ring tunnel showing earth cover.			8-1188-61
	Fig.13-1 Coil configuration to produce an exponential field			8-1189-61
8/28/61	Pm path (Brain) 80X	Dr.Calvo	R.F.Smith	8-1190-61 thru
		Medical		8-1191-61
	Pm Path (Brain) 320X			8-1193-61 thru
				8-1193-61
8/29/61	Hi Level Rad. Lab. Progress	D.Moore	M. Rosen	8-1194-61 thru
		AEC		8-1195-61
	Metallurgy Building Progress			8-1196-61 thru
				8-1197-61
	Critical Facility Progress			8-1198-61
	Sub-Station addition Progress			8-1199-61
8/30/61	Petri Dishes	Reinhardt Biology	M. Rosen	8-1200- 61 thru
				8-1204-61
8/31/61	Graph - Primary Root length	Quastler Biology	K. Meyn	8-1205-61

September

Date	Caption	Dept.	Photographer	Number
8/31/61	Copy of Print	Dr. Golden Medical	K. Meyn	9-1-61
8/31/61	Table - Table I	Rao	K. Meyn	9-2-61
	Table II	Chemistry		9-3-61
	Table III			9-4-61
	Table IV			9-5-61
	Table V			9-6-61
	Table VI			9-7-61
8/31/61	Table - Table I	Sands	K. Meyn	9-8-61
	Table II	AGS (Calif. Tech)		9-9-61
	Table III			9-10-61
8/31/61	Graph - NH4 Br	Palevsky	K. Meyn	9-11-61
	" NH4 I Free rotation	Physics		9-12-61
	" NH4 I 326 ^{o}K			9-13-61
8/31/61	Schematic - Fig. 4.2, page 65 of "Evaluation of the fallout protection etc." Santa Barbara Lab.	Dr. Conard Medical	K. Meyn	9-14-61
8/31/61	Graph - Seconds	Sutin	K. Meyn	9-15-61
	" K = 1.90 x 10^5	Chemistry		9-16-61
	" b (a-x)/ a (b-x)			9-17-61
	" b-x			9-18-61
	" 1.0 - 7.0 seconds			9-19-61
8/31/61	Table - Sum Rule	Wolfsberg	K. Meyn	9-20-61
	" Classical partition functions	Chemistry		9-21-61
	" First order calculation of Isotope.			9-22- 61
	" Rate Ratio			9-23-61
	" C-CH3 Frequencies (CM -1)			9-24- 61
	" Dehydration of formic acid in H2SO4.			9-25-61
	" Solvolysis of Isopropyl methanesulphonate in water.			9-26-61

Date	Caption	Dept.	Photographer	Number
8/30/61	B.L.H. Chester, Penna.	Dr. Fowler	R. Walton	9-27-61 thru
		Physics		9-29-61
	Elliott Company - Jennette			9- 30-61 thru
				9-32-61
	Elliott Company - Ridgway			9-33-61 thru
				9-48-61
8/28/61	Doctors in Ward (Pavilion #1)	Dr. Thomas Medical	M. Rosen	9-49-61
9/5/61 thru	Candid of Accelerator Conference	C. Falk Adm.	M. Rosen	9-50-61 thru
9/9/61				9-56-61 AND
	(Negative 9-57-61 destroyed)			9-58-61 thru
				9-179-61
9/28/61	Schematic - 4096 Channel A-D convertor	R. Chase		
	IH-108-5-1	Electronics	R. Fuka	9-180-61
	Schematic - 4096 Channel A-D convertor			
	IH-108-4-2			9-181-61
	Schematic			9-182-61
9/28/61	Curve - NTA Efficiency Curve	Handloser HP	R. Fuka	9-183-61
9/28/61	Graph	Warburton	R. Fuka	9-184-61
	" - Counts per integrated unit vs.	Physics		
	magnet setting.			9-185-61
	" Counts per channel vs. Gamma-Ray			
	Energy (Mev)			9-186-61
	Curve Graph - Counts per channel vs.			
	Gamma - Ray Energy (Mev)			9-187-61
9/22/61	Van DeGraff Ion source assembly	B. French Cosmotron	M. Rosen	9-188-61 thru
				9-193-61
9/28/61	Curve - Time = 1.346 Bev	Fujii	R. Fuka	9-194-61
	" Time = 1.337 Bev	Physics		9-195-61
	" Time = 2.096 Bev			9-196-61
	" Time = 1.329 Bev			9-197-61

Date	Caption	Dept.	Photographer	Number
9/28/61	Curve - Time = 2.064 Bev	Fujii	R. Fuka	9-198-61
	" Time = 2.066 Bev	Physics		9-199-61
	" Time = 1.384 Bev			9-200-61
	" Time = 2.081 Bev			9-20 1-61
	" Time = 1.351 Bev			9-202-61
	" Time = 2.065 Bev			9-203-61
	" Time = 1.355 Bev			9-204- 61
9/29/61	Schematic Drawing	Schwartz	R. Fuka	9-205-61
	" " - Map of rat hypothalmus showing region of ablation, etc.	Medical		9-206-61
	" " Factors affecting food intake.			9-207-61
	Schematic - Location of ablation causing hyperphagia & aphagia, etc.			9-208-61
	" Region of drinking in response to stimulation, etc.			9-209-61
	" Regulation of secretion.			9-210-61
	" Region C which contains the feeding centers showed an increased uptake of P32, etc.			9-211-61
	Graph - Body weight, water intake and food intake of rat, etc.			9-212-61
	" Effect of high CHO, high fat & high protein diet, etc.			9-213-61
	" Rats exposed to swimming to exhaustion every 2nd or 3rd day, etc.			9-214-61
	" Rats trained to eat daily food in 3 hours, etc.			9-215-61
	Curve - Relation of body fat to body weight in Hypothalamic, etc.			9-216-61
	" Effect of excess fat (Hypothalamic obesity) on survival of starvation.			9-217-61
	" Body weight vs. weeks after operation.			9-218-61
	" Metabolic rate immediately post-operatively in rats, etc.			9-219-61

Date	Caption	Dept.	Photographer	Number
9/29/61	Curve - Effect of heat on body temp. of hypothalamic rats, etc.	Schw artz Medical	R. Fuka	9-220-61
	" Hypothalamic hyperphagia in one of parabiosed rats, etc.			9-221-61
9/29/61	Schematic - Radiation process for Polyethylene Production.	Steinberg Nuc.Eng.	R. Fuka	9-222-61
9/29/61	Graph - Radiation effect on Mn54 carcass- liner partition.	Cotzias Medical	R. Fuka	9-223-61
	Curve - Total body turnover of Mn54 in mice.			9-22 4-61
9/29/61	Curve - CPM/gm BILE vs. Time after injection.	Cotzias Medical	R. Fuka	9-225-61
9/29/61	Schematic Drawing - Gas processing system.	MacKenzie Nuc.Eng.	R. Fuka	9-226-61
	Curve - Perfluorodecalin on Halocarbon 14-25 column.			9-227- 61
	" ~~Time, minutes~~		delete	~~9-228-61~~
	" Preparative scale GLC purification of C6F6.			9-229-61
9/28/61	Pm Chromosomes 1000X for Exhibit	Dr.Sparrow Biology	R.F.Smith	CN9-230-61 thru CN9-231-61
9/28/61	Pm tissue culture 800X for exhibit	Dr. Drew Medical	R.F.Smith	C N9-232-61 th CN9-233-61 C9-233-61
9/29/61	Pm autograph 480X for exhibit	Dr.Bond Medical	R.F.Smith	C N9-234-61 thr CN9-239-61
9/29/61	Pm radio autograph 480X for exhibit	Dr.Bond Medical	R.F.Smith	CN9-240-61
	Pm autoradiograph 480X for exhibit			CN9-241-61 thru CN9-242-61

Date	Caption	Dept.	Photographer	Number
9/27/61	Preparation of Autoradiographs in darkroom for Medical Exhibit.	C. Sipe Medical	R. F. Smith	CN9-243-61
9/27/61	Hospital Room at night	C. Sipe Medical	R. Smith/R. Walton	9-244-61 CN9-244-61
10/2/61	Schematic	G. Emery Physics	R. Fuka	9-245-61
10/2/61	Table Table - Levels in Os186 " K=2 K=0 " K=2 K=2 compared to K=2 K=0	McKeown Physics	R. Fuka	9-246-61 thru 9-247-61 9-248-61 9-249-61 9-250-61

Date	Caption	Dept.	Photographer	Number
8/25/61	Equipment in Hood	G.Lekay Nuc.Eng.	M. Rosen	9-251-61
9/5/61	Table - Decarboxylation of MalonicAcid	Wolfsberg	R. Fuka	9-252-61
	Inductive interaction	Chemistry		9-253-61
	Secondary & deuterium isotope effects.			9-254- 61
	Hyperconjugation & isotope effects.			9-255-61
	Secondary hydrogen isotope effect.			9-256-61
	Hyperconjugation			9-257- 61
	Equilibrium isotope effects			9-258-61
	Frequencies (cm-1) H3CH2-CH3			9-259-61
	Isotope effects for propyl compounds.			9-260- 61
	Tunnelling			9- 261-61
	Explanations of secondary hydrogen isotope effects.			9- 262-61
	Approximations for f			9-263-61
	CH3 CH2-CH3 calculation			9-264-61
	Kinetic isotope effect			9-265- 61
	Schematic - V (R2=00) vs V (R1=00)			9-266- 61
9/1/61	NaK Loop Progress	Scarlett Nuc.Eng.	M. Rosen	9-267-61 thru 9-268-61
9/1/61	Equipment 80" Bubble Chamber Test Set-up	Courtney Physics	M. Roseh	9-269-61 thru 9-271-61
8/25/61	Bench & Oven	Baranowski Hot Lab	M. Rosen	9-272-61 thru 9-274 -61
8/31/61	Glove Box	Banslaben Nuc.Eng.	M. Rosen	9-275-61 thru 9-276-61
8/28/61	Mice	Dr.Rai Medical	M. Rosen	9-277-61 thru 9-278-61

Date	Caption	Dept.	Photographer	Number
8/29/61	Winning Softball Teams	G. Sabine Recreation	M. Ros en	9-279-61 thru 9-281-61
8/28/61	Crack in Boiler	Ingraham Nuc. Eng.	M. Rosen	9-282- 61 thr 9-283-61
9/1/61	Graph - Outside solution	Dr. Schwartz	K. Meyn	9-284-61
	" Permeability change	Medical		9-285-61
	" H3 NS			9-286-61
	" PH			9-287-61
	" Weight of bladder			9-288-61
	" Oxytocin			9-289-61
	" Arginne Vasotocin			9-290-61
	" (Ap)			9-291-61
	" Receptor			9-292-61
	" (h) X 10-8			9-293-61
	" Cyclic AMP			9-294-61
	" Bicarbonate buffer			9-295-61
	" Maximal weight loss			9-296- 61
	Table - Hormonal action			9-297-61
	" Physiologic effect			9-298-61
	" Vasopressin			9-299- 61
9/6/61	Schematic - Conduction Band - Free Electrons	A. Elia Instr.	R. Fuka	9-300-61 thru 9-301-61
	" Conduction Band - Binding energy 45 Millivolts			9-302-61
9/6/61	Table - Accretion & exchange of Ca47 & Sr 85	Cohn Medical	R. Fuka	9-303-61
8/24/61	E.K.G. electrodes	Dr. Wise Medical	R. Walton	9-304-61
8/16/61	Radiated Dog	Dr. Jansen Medical	R. Walton	9-305-61 thru C9-305-61 thru 9-306-61 C9-306-61

Date	Caption	Dept.	Photographer	Number
8/24/61	Pine cuttings	Woodwell Biology	R. Walton	9-307-61 thru 9-310-61
8/17/61	Flower Buds (1)	J. Miksche Biology	R. Walton	C9-311-61 thru C9-315-61
9/6/61	Graph	Fujii Physics	H. Ruhnke	9-316-61 thru 9-323-61
9/6/61	Graph - Turnover of Scandium	Dr. Cohn Medical	R. Fuka	9-324-61
9/7/61	Glossy Prints	Friedlander Chemistry	R. Fuka	9-325-61
9/7/61	Composite Pasteup # 9-1-61 & 4-540-61	Golden Medical	R. Fuka	9-326-61
9/7/61	Curve - Mortality Probits vs. Mortality Percent	Easterday Medical	R. Fuka	9-327-61
	" Mortality - Probits vs. Dose Log 10 mg/Kg			9- 328-61 thru 9-329-61
9/7/61	Schematic - Axial components reversed	Hastings Chemistry	H. Ruhnke	9-330-61
	" A & B			9- 331- 61
	" (Formula)			9-332-61
	Curve - MnCr2 development of long range order			9-333-61
	" Temp. dependence of magnetic contribution to (111) reflection.			9-334-61
	" X = degree of inversion			9-335-61
	" Temp. dependence of (111) O Satelàte.			9- 336-61
	" Intensity (neutrons/Min.) vs. counter angle (28°)			9- 337-61
	" (Formula)			9-338- 61 thru 9-339- 61
8/17/61	Pictures in Gamma Field - Oak Trees on ~~periphery~~ periphery of Gamma Field	L. Schairer Biology	R. Walton	C9-340-61 thru C9-354 - 61

Date	Caption	Dept.	Photographer	Number
9/7/61	Graph - Control	Woodwell	R. Fuka	9-355-61
	" Non-irradiated	Biology		9-356-61
	" Long Island Oak-Pine Forest #1			9-357-61
9/8/61	Curve - KoD vs. annealing temp. differ-	Schweitzer		
	ent measuring temp.	Nuc.Eng.	K. Fuka	9-358-61
9/8/61	Table - Chemical shifts & quadrupole			
	splitting of the 24 Kev	O.Kistner		
	transition.	Physics	R. Fuka	9-359-61
9/8/61	Polaroid Print Original	Sutin Chemistry	R. Fuka	9-360-61
9/8/61	Graph - Momentum transmission 3.3 Bev/c	Sandweiss		
	separated p beam.	Physics	R. Fuka	9-361-61
	" BS1 & BS2 360 KV coil current			
	12.4 MV			9-362-61
	" BS1 & BS2 360 KV coil current			
	12.6 MV			9-363-61
	" BS1 & BS2 360 KV coil current			
	12.8 MV			9-364-61
	Schematic diagram 3.3 Bev/c p beam			9-365-61
	Table - Properties of 3.3 Bev/c			
	separated p beam.			9-366- 61
9/8/61	Typed Table	Hastings	R. Fuka	9-367-61
	" " - Comparison of calculated	Chemistry		
	& observed integrated			
	intensities magnetic 4.2K			9-368-61
	" " Comparison of calculated			
	& observed integrated			
	intensities satellites 4.2K			9-369-61
	" v" Comparison & observed			
	integrated intensities			
	Nuclear 300 K			9-370-61

Date	Caption	Dept.	Photographer	Number
9/8/61	Graph - Formula	Pickart Physics	R. Fuka	9-371-61 thru 9-374-61
9/8/61	Graph - K^- proton total cross sections	Jenkins	R. Fuka	9-375-61
	" K^+ " " " "	Physics		9-376-61
	" $K^{\pm}$ " " " "			9-377-61
9/8/61	Typed Table - Rate expressions	Steinberg	R. Fuka	9-378-61
	" " Cost expressions	NED		9-379-61
	" " Polymerization mechanism			9-380- 61
	" " Polyethylene production			9-381-61
9/8/61	Typed Table - Total cross sections for K^- on protons.	Jenkins Physics	R. Fuka	9-382-61
	" " Total cross sections for K^+ on protons.			9-383-61
9/8/61	Graph - The $\pi^{\mp}$ - p cross section required by the drell analysis.	Willis Physics	R. Fuka	9-384-61
9/8/61	Graph - Labeling index of mouse femoral periosteum.	Tonna Medical	R. Fuka	9-385-61
	" Labeling index of periosteum.			9-386-61
9/8/61	Table - Cross section for C12 (p,pn) C11 Reaction, etc.	Friedlander Chemistry	R. Fuka	9-387-61
9/8/61	Schematic - Experimental arrangements for C12 measurements.	Friedlander Chemistry	R. Fuka	9-388-61
	Graph - U + 200 Mev Protons			9-389-61
8/29/61	Patient 80289 (1)	Ashambeau Medical	R.F.Smith	9-390-61 C9-390-61
9/5/61	Pm autograph 100X 1-1 (2)	Tonna Medical	R.F.Smith	9-391-61 C9-391-61
	1-2			9-392-61 C9-392-61
	1-3			9-393-61 C9-393-61
	1-4			9-394-61 C9-394-61

Date	Caption	Dept.	Photographer	Number
9/5/61	Pm autograph 100X 1-5 (2)	Tonn a	E.F.Smith	9-395-61 C9-395-61
	40X 1-6	Medical		9-396-61 C9- 396-61
	100X 1-7			9-397-61 C9- 397- 61
	100X 1-8			9-398-61 C9-398-61
	100X 1-9			9-399-61 C9-399-61
	100X 2-1			9-400-61 C9-400-61
	100X 2-2			9-401-61 C9-401-61
	100X 2-3			9- 402-61 C9-402-61
	100X 2-4			9- 403-61 C9-403-61
	40X 2-5			9-404-61 C9-404-61
	40X 2-6			9-405-61 C9-405-61
9/8/61	Curve - Relation of survival in seeds of barley.	H.Smith Biology	R. Puka	9-406- 61
	" Linear regression of survival			9-407-61
	Graph - LET, Energy Av. vs. RBE to Co60			9-408-61
	" Relationship between isochromatical aberrations per cell & radiation, etc.			9-409-61
	" Response of dry barley seeds to after-irradiation storage in dry ice, etc.			9-410-61
	" Time after irradiation vs. Radical signal			9-411-61
	" Influence of storage up to 20hrs. on radiation damage in barley seeds, etc.			9-412-61
	" Variation in plant heights after irradiation, etc.			9-413-61
	" Relation of survival to interchange frequency in seeds of barley, etc.			9- 4 14-61
	" Storage relationship with fast neutrons.			9-415-61
	" The π -p cross section required by the drell analysis.			9-416-61

Date	Caption	Dept.	Photographer	Number
9/8/61	Graph - The total frequency of observable mutations, etc.	H.Smith Biology	R . Fuka	9-417-61
	Schematic - Recoil 0.042 mev to proton Recoil 0.38 mev to alpha particle			9-418-61
	Table - Expected & observed ratio of effect from thermal neutron irradiation, etc.			9-419-61
	" Frequency of sectorial color chimaeras in the fruits from irradiated Cortland apple scions, etc.			9-420- 61
	" Reaction of oat varieties to crown rust, victoria blight & Race 7A of Stem Rust.			9-421- 61
	" The relative biological effectiveness of radiations, etc.			9-422-61
	" Crude maximum over-all RBE values,etc.			9-423-61
	Seven-day old seedling of Barley			9-424-61
9/11/61	Equipment	Bruck Accelerator Conference 1961	R. Fuka	9-42 5-61
	Schematic of Accelerator			9-426-61
9/11/61	Curve - Oxygen - Rutile	Hogfeldt Chemistry	R. Fuka	9-427-61
	" Argon - Rutile			9-428-61
	" Nitrogen - Rutile			9-429- 61
9/5/61	Loop	Ingraham Metallurgy	R. Walton	9-430-61
9/7/61	Fuel elements	J.Kinn e Nuc.Eng.	R. Walton	9-431-61 thru 9-432-61
9/7/61	Loop	Gelle r Metallurgy	R. Walton	9-433-61 thru 9-434-61
8/24/61	Trees in Gamma field (1)	Woodwell Biology	R. Walton	9-435-61 thru C9-435-61 thru 9-437-61 C9-437-61

Date	Caption	Dept.	Photographer	Number
9/12/61	Curve - Mev decay comparison with theory.	Leurs Physics	R. Fuka	9-438-61
	" K 2 spectrum			9-439-61
	" Max. likelihood curve, etc.			9-440-61
	" K u3 vector interaction			9-441-61
	" Decay comparison with theory			9-442-61
	" Form factors in K e3 decays			9-443-61
	Schematic - Dalitz plot for 188 K2 decays			9-444-61
	" K u3 vector interaction			9-445-61
9/12/61	Schematic - Boiling mercury tracer loop.	Romano Metallurgy	R. Fuka	9-446-61
ELETED 9/14/61 9/13/61	~~Schematic~~	Miller	R. Fuka	~~9-447-61~~
	" Formation of a P-N junction	Instr.		9-448-61
	" Silicon P-N junction radiation detector.			9-449-61
ELETED 9/14/61	" Binary fission & ternary fission.			~~SEE NEG #~~ 9-450-61
	" N type material (more electrons than holes)			9-451-61
	" Intrinsic material (equal No. of holes & electrons).			9-452-61
	" P type material (more holes than electrons)			9-453-61
9/12/61	A.F.C. Group	C Yax A.F.C.	R.J.Walton lost neg # 9-455-61 R.J.W.	9-454-61thru 9-455-61
9/13/61	Schematic be Target	Warburton Physics	R.L.Fuka	9-456-61
9/13/61	Curve	"	R.L.Fuka	9-457-61
/11/61	Reception (Accelerator Conference)		J.F.Garfield	9-458-61thru 9-461-61

* SEE NEG. #9-481-61 THRU #9-492-61

Date	Caption	Dept.	Photographer	Number
9/12/61	Coffee Break (Accelerator Conf.)		J.F.Garfield	9-462-61thru 9-463-61
9/14/61	Pasteup Gamma Irradiation Pool Facitility Original Neg. # 8-384-61	P.Colombo N.E.D.	R.L.Fuka	9-464-61
9/14/61	Pasteup Gamma Polynerization of Ethylene Original Neg., No. 8-385-61	"	"	9-465-61
9/14/61	Composite Pasteup: Gamma Polnerization of Ethylene Neg. No's. 8-382-61, 8-383-61	"	"	9-466-61
9/14/61	Table: Reactor-Produced radioisotopes of relatively short half life	H.H.Smith Biology	R.L.Fuka	9-467-61
9/14/61	Curve: Book original	E.Warburton Physics	R.L.Fuka	9-468-61
9/11/61	Attending Accelerator Conference Group at B.N.L.		Bob & Bob	9-469-61
9/14/61	Schematic: Crystal Lattice	Fujita Physics	R.L Fuka	9-470-61
9/14/61	Typed Table Incidence of Perosteal Cell Brobeling	E.A.Tonna Med.	R.L.Fuka	9-471-61
9/14/61	Typed Table Incidence of Peristeal Cell Labeling	"	"	9-472-61
9/14/61	Composite Cloud chamber photographs	P.Conolly Physics	R.LFuka	9-473-61thru 9-476-61
9/11/61	Experimental plants (1)	Miksche Biology	R.F.Smith	C9-477-61 thru C9-480-61
9/13/61	Schematic (5 negs. on 8 x 10 neg)	L.Miller Electronics	R.L.Fuka	9-481-61 thru 9-485-61
9/13/61	Schematic (7 individual pics. on one 8 x 10 sheet of film)	"	"	9-486-61thru 9-492-61

Date	Caption	Dept.	Photographer	Number
9/11/61	eye (1)	L.Miller Electronics	R.J.Walton	C9-493-61
9/11/61	radiated flower buds (1)	J.Mischke Biology	R.J.Walton	C9-494-61 thru C9-495-61
9/9/61	Unit # 80289R (1)	Archambeau Medical	R.Walton	9-496-61 C9-496-61
9/8/61	Glove box - dry	Banslaben Hot Lab	R. Walton	9-497-61 thru 9-498-61
9/13/61	Dedication - AGS	D.Puleston Pub.Info.	R. Walton	9-499-61 thru 9-501-61
	" " Mr. Van Horn			9-502-61
	" " Dr. Goldhaber			9-503-61
	" " Dr. Robbi			9-504-61
	" " Dr. Green			9-505-61
	" " Dr.Haworth speaking			9-506-61
	" " Presenting magnet model			9-507-61
	" " Drs. Tape, Haworth & Green			9-508-61
9/15/61	Graph - Example vs. M (M1)2	Warburton Physics	R. Fuka	9-509-61
9/12/61	Pm brain section # 1 40X (2)	Dr.Calvo Medical	R.F.Smith	9-510-61 C9-510-61
	2 10X			9-511-61 C9-511-61
	3 10X			9-512-61 C9-512-61
	4 10X			9-513-61 C9-513-61
	5 40X			9-514-61 C9-514-61
	6 40X			9-515-61 C9-515-61
9/15/61	Schematic - Lot Plan Bubble Chamber Bldg.	Tuttle	R. Fuka	9-516-61
	" Removable floor system for Bubble Chamber 80" B.C. main control & experimental control rooms.			9-517-61
	" Lot Plan Bubble Chamber Bldg.			9- 518-61

Date	Caption	Dept.	Photographer	Number
9/15/61	Table - Calculation of the reduction of a population through the exposure of irradiation - sterilized males.	H.Smith Biology	R. Fuka	9-519-61
	" Egg masses records in 11 goat pens during release of sterilized flies.			9-520-61
	" Radiation dosage for sterilization of insects.			9-521-61
	Curve - Aberrations per cell vs. dose in N units.			9-522-61
	" Relation of no. of barley seeds capable of germination to their frequency of mutation when treated with x-rays & thermal neutrons.			9-523-61
	" Relation of frequency of aberrations in Tradescantia miscropores to dose of x/ray.			9-524-61
9/14/61	Pm autograph 800X	Kwack	R.F.Smith	9-525-61
	" " Pollen 480X	Biology		9-526-61
	" " 800X			9-527-61
	" " 800X			9-528-61
	" " 800X			9-529-61
	" " 800X			9-530-61
	" " 800X			9-531-61
	" " 800X			9-532-61
	" " Pollen 480X			9-533-61
	" " 800X			9-534-61
	" " 800X			9-535-61
	" " 800X			9-536-61
	Pm Radio autograph Pollen 480X			9-537-61
9/18/61	Table - Mean of Pollen germination,etc.	Kwack Biology	R. Fuka	9-538-61 thru 9-539-61
9/18/61	Composite data sheet	Warburton Physics	R. Fuka	9-540-61

Date	Caption	Dept.	Photographer	Number
9/18/61	Schematic - diagram	Warburton Physics	R. Fuka	9-541-61
9/18/61	Table - Adsorption of Xenon & Krypton on charcoal from helium at 1 Atm. total pressure.	F. Salzano NED	R. Fuka	9-542-61
9/18/61	Table II	G. Starr NED	R. Fuka	9-543-61
9/18/61	Curve - Dispersion of reduced widths for ground state Alpha-Particle emission, etc.	Wilkenson Physics	R. Fuka	9-544-61
	Graph - Dispersion ofreduced widths for ground state Alpha-particle emission from even-even "Spherical" nuclei, etc.			9-545-61
	" Ratio of penetrability calculated with the IGO to that calculated with the self-consistant potential, etc.			9-546-61
9/18/61	Curve - % germination vs. # of pollen grains.	B. Kw ack Biology	R. Fuka	9-547-61
	" % germination vs. # of anthers per ml medium (10:100 Sol)			9-548-61
	" % germination vs. concentration in ppm			9-549-61 thru 9-552- 61
9/15/61	Dedication of HFBR building	L. Fuller Nuc. Eng.	R. Walton	9-553-61
9/18/61	Curve - LET	H. Smith Biology	R. Fuka	9-554-61
	" Sectors/plant (leaves 4 + 5) vs. Hours presoaked (27°C)			9-555-61
	" u Moles O2/seed/hour vs. hours presoaked (27°C)			9-556-61
~~9/18/61~~	~~Table - Comparison of theoretical pre-~~			

Date	Caption	Dept.	Photographer	Number
9/18/61	Brain section 1-151-11	Dr.Calvo	R. Fuka	9-557-61
	" " A151 # 12	Medical		9-558-61
	" " A-151-#11 Myelin			9-559-61
	" " A-151-#12 Myelin			9-560-61
	(copied from color glass plate)			
9/18/61	Table - Comparison of theoretical predictions with experimental results for the Dipole states in O16.	Warburton Physics	R. Fuka	9-561-61
	Table III - Extreme jj coupling M1 & E2 transition strengths between the singly-excited odd-parity states of mass 14.			9-562-61
9/18/61	Atomic Structures	L. Miller Electr.	R. Walton	C9-563-61 thru C9-570-61
9/14/61	Dye	L.Miller Instr.	R. Walton	C9-571-61 CN9-571-61
9/18/61	Pulses - Whole system input	Halama	R. Fuka	9-572-61
	" 10 NS/CM output	ADD		9-573-61
9/15/61	Ground breaking HFBR	L.Fuller Nuc.Eng.	R. Walton	9-574-61 thru 9-576-61
9/14/61	Progress on HLRD	D.Huszagh Nuc.Eng.	R. Walton	9-577-61 thru 9-583-61
9/19/61	Curve - Xenon on Charcoal	Salzano	R. Fuka	9-584-61
	" Krypton on Charcoal	Nuc.Eng.		9-585-61
	" Graphite iodine equilibrium at High Temp.			9-586-61
	" Typicel break-through curve for Xenon-Krypton mixture.			9-587-61
	" Comparison of static & dynamic equilibrium adsorption,etc.			9-588-61
	" Composite - 9-584-61 & 9-585-61			9-589-61

Date	Caption	Dept.	Photographer	Number
9/19/61	Curve - Fig. 2 Transition widths for the decay of the (J=1+, T=1) state at 17.6 Mev in Be8, etc.	Warburton Physics	R. Fuka	9-590-61
	" Fig. 3 Transition widths for the decay of the (J=1+, T=1) state at 15.1 Mev in C12, etc.			9-591-61
	" Fig. 4 Example vs. /M/2			9- 592-61
	" Fig. 2 Histogram of the distribution in speed of E1 transitions, etc.			9- 593-61
9/19/61	Schematic - Electric field vs. Motion of a Hole.	A. Elia Instr.	R. Fuka	9-594-61
9/19/61	Schematic - Photomultiplier	A. Elia Instr.	R. Fuka	9-595-61
	" Incident Particle			9-596-61
	" High Energy Electron			9-597-61
	" Electric field vs. Motion of a Hole			9-598-61 thru 9-601-61
9/19/61	Curve - Total ml vs. time	Quastler Biology	R. Fuka	9-602-61
	" Rate of leukocytes released vs. time elapsed (HR)			9-603-61
	" PMN release & lymphs release vs. Flow rate			9-604- 6 1
	" Rate of leukocytes released vs. time elapsed.			9-605-61
	" Rate of cell release vs. flow rate.			9-606-61
	Graph - Leukocytes No. alterations vs. Time.			9-607-61
	Schematic - Perfusion apparatus.			9-608-61
9/19/61	Table	Warburton Physics	R. Fuka	9-609-61
9/19/61	Schematic	Lowe Physics	R. Fuka	9-610-61
	Curve - Time spectrum			9-611-61 thru 9-613-61

Date	Caption	Dept.	Photographer	Number
9/19/61	Curve - Pulse Height Dist. Be9 + 2	J.Lowe		
	Mev Deuterons.	Physics	R. Fuka	9-614-61
	" Pulse Height Dist. C14 + 3-0			
	Mev Deuterons.			9-615-61
	" Gamma Spectrum Mg + 2.7 Mev			
	Deuterons.			9-616-61
	" Gamma Spectra at delayed times.			9-617-61
	" B10 (p,p1) B10 x (717 Kev)			9-618-61
	" Gamma Spectrum Mg + 2.7 Mev Protons.			9-619-61
	" Time spectrum C14 (d,p) C15*			
	(750 Kev y) Ed = 3.0 Mev.			9-620-61
	" Time spectrum Be9 (d,n) B10*			
	(717 Kev y) Ed = 2.7 Mev			9-621-61
9/19/61	Schematic - Time to pulse height	Schwarzschild		
	convertor.	Physics	R. Fuka	9-622-61 thru
				9-624-61
9/15/61	Damaged Ducts	Campagnone ABC	M. Rosen	9-625-61 thru
				9-626-61
9/16/61	Aerial view of M.U.R.D.L.E.	K.Downis Nuc.Eng.	R. Wa l ton	9-627-61
9/18/61	Pm autograph 480X	A.Haque	R.F.Smith	9-628-61 thru
		Biology		9-633- 61
	Pm Chromosomes 1000X			9-634-61
	Pm of event in Autograph 200X			9-635-61
9/20/61	Graph - Figure 1	K.Green	K. Meyn	9-636-61
	2	AGS		9-637-61
	3			9-638-61
	4			9-639-61
	6			9-640-61
	7			9-641-61
	8			9-642-61
	9			9-643-61
	10			9-644-61

Date	Caption	Dept.	Photographer	Number
9/20/61	Graph - Figure 13	K.Green	K. Meyn	9-645-61
	15	AGS		9-646-61
9/21/61	Graph - Figure 8	E.Starr	K. Meyn	9-647-61
	" 9	Nuc.Eng.		9-648-61
9/21/61	Table - Radiation process for Ethylene Polymerization.	Steinberg NED	K. Meyn	9-649-61
9/21/61	Graph - Diagram Figures 1-2-3	Shimamoto App.Math.	K. Meyn	9-650-61
9/21/61	Drawing - BNL Site Building Map	C.Falk Adm.	K.Meyn	9-651-61
9/21/61	Curve - Residual Dose or Injury	Carsten	R. Fuka	9- 652-61
	" Fig. 2 LD 50 (30) vs.Intensity	H.P.		9-653-61
	" % Mortality vs. Roentgens			9-654-61
	" % Initial dose remaining.			9-655-61
	" LD 50 in Roentgens vs. Rat age in days.			9-656-61
	" Claus radiation biology & medicine.			9-657-61
	Table - Hollaender Radiation Biology			9-658-61
9/20/61	Mock-up (life size) of 80" Chamber	J.Jensen Physics	R. Walton	9-659-61
9/14/61	Mutated Rose - 1 Red, 1 Green (5)	Miksche Biology	R. Walton	C9-660-61 thru CN9-660-61 C9-661-61 CN9-661-61
9/8/61	Gamma forest	Woodwell Biology	R. Walton	9-662-61 thru C9-662-61 thru 9-673-61 C9-673-61
9/15/61	NaK Loop Progress	Scarlett Nuc.Eng.	M. Rosen	9-674-61 thru 9-677- 61
9/20/61	Atomic Structure	L.Miller Instr.	R. Walton	C9-678-61 thru C9-687-61

CN 9-678-61 THRU CN 9-683-61 CN 9-686-61 CN 9-689-61

Date	Caption	Dept.	Photographer	Number
9/22/61	Curve - Factor of Increase	Wilkenson	R. Fuka	9-688-61
	" Comparison of self-consistent	Physics		
	& IGO potentials between			
	Radium 222, etc.			9-689-61
9/22/61	Schematic - Decay scheme K42	Schwarzschild	R. Fuka	9-690-61
	Curve - Ra 222 decay of the first	Physics		
	excited state (111 Kev)			9-691-61
	" Decay of the first excited			
	state 72 (Kev)			9-692-61
9/22/61	Table I - Comparison of theoretical			
	predictions w/ experimental			
	results for the dipole	Warburton		
	states in O16.	Physics	R. Fuka	9-693-61
	Table II - AT=1,EL transition strength			
	in N14.			9-694- 61
	Table III - Magnetic dipole transitions			
	in light (A20) self-conjugate			
	nuclei.			9-695-61
	Table IV - ML transitions on strengths			
	between 2 Nucleon states.			9-696-61
	Table V - Reduced matrix elements for			
	MI transitions in N14.			9-697-61
9/22/61	Magnitude of Neutron Losses as Cloud	Konikowski		
	Passes through Human Tissue.	Medical	R. Fuka	9-698-61
				CN9-698-61
9/25/61	Composite of PM	Brewbaker/ Emery Tech.Info.	R. Fuka	9-699-61
9/25/61	Schematic - O - V - M	Cohen	R. Fuka	9-700-61
	" O - F - P	Physics		9-701-61
	" Emitted Light hv			9-702-61
	Schematic			9-703-61 thru
				9-706-61

Date	Caption	Dept.	Photographer	Number
9/25/61	Schematic - XYZ Multichannel Analyzer	L.Miller Instr.	R. Fuka	9-707-61
9/18/61	Heterogeneous Target & Slab Source	F.Rizzo Nuc.Eng.	M. Rosen	9-708-61 thru 9-712-61
9/25/61	Polaroid Calibration Prints	M.Zucker Physics	R. Fuka	9-713-61 thru 9-715-61
9/22/61	Navy Seminar Group Photo	J.Tassinari Nuc.Eng.	Walton/Smith	9-716-61
9/22/61	Man in Radiation Suit	J.Austin Hot Lab	M. Rosen	9-717-61
				CN9-717-61
9/22/61	Man in Radiation Suit	J.Austin Hot Lab	M. Rosen	9-718-61
9/25/61	Table I - Prompt Spectra	Schwarzchild	R. Fuka	9-719-61
	Table II - 279 Kev state of T1203	Physics		
	lifetime measurements.			9-720-61
	Curve - No. of coincidence vs. channel No.			9-721-61
	" Formula			9-722-61
	" 30 Channels = 10^{-9} sec.			9-723-61
	" 930 Kev			9-724-61
9/26/61	Curve - Nano-Seconds vs. Channel	Schwarzchild	R. Fuka	9-725-61
	" Nanoseconds vs. Channel No.	Physics		9-726-61
	" Centroid Position (Nanosecs)			
	vs. Relative Pulse Height			9-727-61
	" (Formula)			9-728-61
9/25/61	Curve - No. of events vs. (Formula)	Salant/	R. Fuka	9-729-61
	" PPO 313 Events	Robinson/		9-730-61
	" pn+ 1310 Events	Pickup		9-731-61
	" No. of events vs. (Formula)	Physics		9-732-61
	" No. of events vs. X2			9-733-61
	" No. of pions vs. (Formula)			9-734-61
	" No. of pions vs. (Formula)			9-735-61
	" B.D. Track/B.D. Beam			9-736-61

Date	Caption	Dept.	Photographer	Number
9/25/61	Curve - Multiple Meson (2 Prong)	Salant/	R. Fuka	9-737-61
	" No. of events vs. X2	Robinson/		9-738-61
	" No. of events vs. (Formula)	Pickup		9-739-61
	" p-p elastic scattering fitted to	Physics		
	the optical model.			9-740-61
	" F vs. q2 (Bev/c) 2			9-741-61
	" No. of events vs. Pp (Bev/c)			9-742-61
	Graph - No. of events vs. (Formula)			9-743- 61
	" do/dT mb/Bev vs. Tp (Bev)			9-744-61
	" No. of protons vs. (Formula)			9-745-61
	" No. of events vs. (Formula)			9-746-61
	" No. of events vs. Missing Mass (Mev)			9-747-61
	" No. of events vs. (Formula)			9-748-61
	" No. of Protons vs. (Formula)			9-749-61
	Schematic			9-750-61
	" Bubble Chamber			9-751-61
9/26/61	Curve - 1296 Events	Salant	R. Fuka	9-752-61
	" (a) 845 Events vs. (b) 1296 events	Physics		9-753-61
	" (Formula)			9-754-61
	Graph - 968 Events vs. 566 Events			9-755-61
	" No. of events vs. cos a			9-756-61
	" No. of events vs. (Formula)			9-757-61
	" No. of events vs. cos a			9-758-61
9/26/61	Schematic	D. Shaver Biology	R. Fuka	9-759-61
	"Man from Mars" - copied from unnumbered	Hot Lab		
	original.			C9-760-61
9/27/61	Schematic	L. Miller Instr.	R. Fuka	9-761-61
9/19/61	Unit 80218 R	Dr. Golden Medical	R. Walton	9-762-61 thru
				9-764-61
9/21/61	Water tight cover	A. Oltman Nuc. Eng.	R. Walton	9-765-61 thru
				9-766-61

Date	Caption	Dept.	Photographer	Number
9/18/61	Aerial view of Pollen field	G.Raynor Meteorology	R. Walton	9-767-61 thru 9-769-61
9/22/61	Console	McRichard Nuc.Eng.	R. Walton	9-770-61
9/26/61	Fundamental particles	R.Phillips AGS	R. Walton	9-771-61
9/19/61	Mock-up of vacuum chamber	J.Jensen Physics	R. Walton	9-772-61 thru 9-773-61
9/25/61	Culture Dishes	D.Reinhardt Biology	M. Rosen	9-774-61 thru 9-780-61
9/27/61	Schematic	J.Cockrill Physics	R.L.Fuka	9-781-81
9/18/61	Pollen field	G.Raynor Meteorology	R. Walton	9-782-61 thru 9-787-61
9/25/61	Cloud Chamber Shot Roll 4 4A #249320	M.Burns Physics	R. Fuka	9-788-61
	249331			9-789-61
	249323			9-790-61
	249337			9-791-61
	249385			9-792-61
	249389			9-793-61
	249405			9-794-61
	249440			9-795- 61
	249459			9-796-61
9/25/61	Cloud Chamber Shot # 247649	M.Burns Physics	R. Fuka	9-797-61
	247702			9-798-61
	247732			9-799-61
	441044			9-800-61
	474424			9-801-61
9/28/61	Curve - Neutron cross-section slope vs. Rotational Barrier	J.Rush Chemistry	R. Fuka	9-802-61
	" σs/H in barns vs. Neutron wavelength.			9-803-61

October

Date	Caption	Dept.	Photographer	Number
9/28/61	Line Graph - E Mev vs. A	Grandin Physics	R. Fuka	C10-1-61
10/2/61	Chromatogram Neg. exposed with U.V. Light	Kirchner Biology	R. Fuka	10-2-61
9/12/61	Reception-Accelerator Conference	C. Falk Administration	J.F. Garfield	10-3-61 thru 10-7-61
9/12/61	Coffee Break, Accelerator Conference	"	"	10-8-61
10/2/61	Portrait - Vance Sailor Physics	Puleston Public Info.	M. Rosen	10-9-61
10/2/61	Table - C14 N14 O14	Warburton Physics	R. Fuka	10-10-61
10/2/61	X-Ray Composite	C. Amato Medical	R. Fuka	10-11-61 thru 10-12-61
10/2/61	Copy of Buble Chamber Photo Event 60792	Goldhaber Adm.	R. Fuka	10-13-61
10/2/61	Copy Photo 1 thru 8	Fujita Physics	R. Fuka	10-14-61 thru 10-21-61
10/3/61	Typed Table - Food	Schwartz Medical	H. Maile	10-22- 61
	" Theories of Hunger & Appetite.			10-23-61
	" Current hypothesis of the regulation of food intake.			10-24- 61
	" Water.			10-25-61
	" Hypothesis of regulation of water intake.			10-26-61
	" Effect of cold on food, water & body weight.			10 -27-61
	Graph"Schematic - Factors affecting food intake.			10-28-61
9/28/61	Unit 8-01-86 R	Papayasiliou Medical	R. Walton	10-29-61 thru 10-32-61

Date	Caption	Dept.	Photographer	Number
9/27/61	Glass column	E.Tuttle Nuc.Eng.	R. Walton	10-33-61
9/27/61	NaK Loop Progress	C.Scarlett Nuc.Eng.	M. Rosen	10-34-61 thru 10-36-61
10/4/61	Schematic	Distenfeld Instr.	D.Humphrey	10-37-61
10/4/61	Book Originals -	Dr.Sparrow		
	Graph - Fig.2 - Exposure dose & absorbed dose for cobalt 60 Gamma radiation vs. tissue depth.	Biology	D.Humphrey	10-38-61
	" Fig.3 - Proton dose rates at center of spherical shell shields in space vs. proton threshhold penetration energy.			10-39-61
	" Fig.7 - Proton doses rate vs. cutoff proton energy for Wincklers estimated prompt spectrum for Grant Flare of Feb. 23,1956.			10-40-61
	" Fig.8 - No. exposed individuals vs. RBE dose.			10-41-61
	" Fig.9 - Comparison of emergent Gamma Ray & proton fluxes.			10-42-61
	" Fig.10 - Proton & Gamma dose rate at the center of a spherical shell for Flare of Nov.12,1960 vs. Aluminum shield thickness.			10-43-61
	" Fig.3 - Exposure dose & absorbed dose for Cobalt 60 Gamma radiation vs. Depth in Bone & adjacent soft tissue.			10-44-61
	" Fig.8 - Cutoff energies for protons approaching the earth from various directions vs. geomagnetic latitudes.			10-45-61
	" Relative biological effectiveness as a function of neutron energy at various depths in tissue.			10-46-61
	" RBE dose rate vs. Exposure time.			10-47-61

Date	Caption	Dept.	Photographer	Number
10/4/61	Graph - Relative biological effectiveness of protons as a function of proton energy.	Sparrow Biology	D.Humphrey	10-48-61
10/3/61	Radiation damage to oak tree buds (2)	L.Schairer Biology	R. Walton	10-49-61 thru C10-49-61 thru 10-51-61 C10-51-61
10/3/61	Radiation damage to evergreens. (2)	L.Schairer Biology	R. Walton	10-52-61 thru C10-52-61 thru 10-54-61 C10-54-61 CN10-52-61 CN10-54-61
10/ /61	Bubble Chamber Shot Roll 619 Frame 701516	Burns	D. Humphrey	10-55-61
	Roll 407 Frame 632771	Physics		10-56-61
	" 36B " 956173			10-57-61
	" 42B " 964725			10-58-61
	" 43 " 515607			10-59-61
	" 467 " 652165			10-60-61
	" 42 " 515213			10-61-61
	" 50 " 517617			10-62-61
	" 606 " 697099			10-63-61
	" 48 " 517038			10-64-61
	" 48 " 517043			10-65-61
	" 48 " 517163			10-66-61
	" 111 " 537538			10-67-61
	" 111 " 537344			10-68-61
10/5/61	Curve - Molecular wgt. calculated from radiation studies vs. molecular weight.	Augenstine Biology	D. Humphrey	10-69-61
	Curve - 37% survival dose vs. Pb			10-70-61
	Curve - (Formula)			10-71-61
10/5/61	Curve - Relative accuracy of first mode	Lellouche Nuc.Eng.	D.Humphrey	10-72-61
10/5/61	Curve - Time needed for maximal labeling c H3TDR	Cronkite Medical	D.Humphrey	10-73-61
10/5/61	Dial Face	W.Parsons Reactor	D.Humphrey	10-74-61

Date	Caption	Dept.	Photographer	Number
10/4/61	Plate # 5	Innes	K. Meyn	10-75-61
	6	Biology		10-76-61
	7			10-77- 61
	8			10-78-61
	10			10-79-61
	11			10-80-61
	12			10-81-61
	13			10-82-61
	14			10-83- 61
	15			10-84-61
	16			10-85-61
	17			10-86-61
	18			10-87-61
	#19			10-87-61A
	20			10-88-61
	21			10-89-61
	22			10-90-61
	23			10-91-61
	24			10-92-61
	25			10-93-61
	26			10-94- 61
10/2/61	Pm autograph 1 - 1 100X (2)	Dr. Tonna	R. F. Smith	10-95-61 C10-95-61
	1 - 2 100X	Medical		10-96-61 C10-96-61
	1 - 3 100X			10-97-61 C10-97-61
	1 - 4 100X			10-98-61 C10-98-61
	1 - 5 100X			10-99-61 C10-99-61
	1 - 6 100X			10-100-61 C10-100-61
	1 - 7 100X			10-101-61 C10-101-61
	1 - 8 100X			10-102-61 C10-102-61
	2 - 1 100X			10- 103-61 C10-103-61
	2 - 2 160X			10-104-61 C10-104-61
	2 - 3 100X			10-105-61 C10-105-61
	2 - 4 100X			10-106-61 C10-106-61
	2 - 5 100X			10-107-61 C10-107-61
	2 - 6 100X			10-108-61 C10-108-61
	2 - 7 160 x			10-109-61 C10-109-61
	2 - 8 160X			10-110-61 C10-110-61
	3 - 1 160X			10-111-61 C10-111-61

Date	Caption	Dept.	Photographer	Number
10/2/61	Pm Autograph 3-2 160X (2)	Dr. Tonna	R. F. Smith	10-112-61 C10-112-61
	3-3 100X	Medical		10-113-61 C10-113-61
	3-4 100X			10-114-61 C10-114-61
	3-5 160X			10-115-61 C10-115-61
	3-6 100X			10-116-61 C10-116-61
	3-7 100X			10-117-61 C10-117-61
	3-8 160X			10-118-61 C10-118-61
	4-1 100X			10-119-61 C10-119-61
	4-2 100X			10-120-61 C10-120-61
	4-3 100X			10-121-61 C10-121-61
	4-4 160X			10-122-61 C10-122-61
10/6/61	Organization Chart September 1961	B. Braddon Personnel	D. Humphrey	10-123-61
10/6/61	Copy of fig. 1 Target Unit - Top - Mounted in pump manifold. Below - actual targets enlarged.	Blewett AGS	D. Humphrey	10-124-61
	Curve Composite - Short burst w/ full beam consumption produced w/ fast target & Radioautograph of gold foil in aluminum frame.			10-125-61
	Schematic			10-126-61 thru 10-131-61
10/6/61	Schematic precipitation pattern of a Hurricane.	Nagle Meteorology	D. Humphrey	10-132-61
	Curve - Periodicity in rainfall vs. Distance of Hurricane (Moving at 30 mph.)			10-133-61
	Track of Hurricane Esther 1961			10-134-61
10/6/61	Graph - Relative amounts of DNA/cell	Quastler Biology	D. Humphrey	10-135-61
10/6/61	Curve - Specific activity, etc.	Miller/Cotzias Medical	D. Humphrey	10-136-61 CN 10-136-61
10/3/61	Hydrogen test Bureau of Mines	T. Coppola Cosmotron	R. Walton	10-137-61 thru 10-140-61

Date	Caption	Dept.	Photographer	Number
10/6/61	Curves - Kinematics for p+p A+B	Kalogeropoulos Physics	D.Humphrey	10-141-61
10/6/61	Plate 9	Innes Biology	K. Meyn	10-142-61
10/6/61	Copy of reproduction of Polaroid Orig. (with Air Brushing)	Zucker Physics	D.Humphrey	10-143-61 thru 10-145-61
~~10/6/61~~	~~Floor Plan~~ SEE NEG #5-341-57	Banslaban Hot Lab	~~D.Humphrey~~	~~10-146- 61~~
10/4/61	Professor Coulson	Friedlander Chemsitry	R.Walton	10-147-61
10/3/61	Portrait - A. Haque	A.Haque Biology	M. Rosen	10-148-61
10/2/61	Portrait - A. Hull	A.Hull H.P.	M. Rosen	10-149-61
10/4/61	Tobacco seedlings	Schaffer Biology	R. Walton	10-150-61
10/4/61	ComputerMerlin	W.Higinbotham Instrumentation	R.Walton	10-151-61 CN10-151-61
~~10/6/61~~	~~Organization Chart~~	~~E.Brandon Personnel~~	~~D.Humphrey~~	~~10-152-61~~
10/2/61	Pollen Count	M.Smith Meter.	M.Smith	10-152-61thru 10-159-61
10/9/61	Copy of film original	Rottenberg Meteorology	D.Humphrey	10-160-61 thru 10-161-61
10/9/61	Information cards	Balsamo Cosmotron	D.Humphrey	10-162-61 thru 10-167-61
9/28/61	Volatility Studies Lab. Constr.Progress	Moore	M. Rosen	10-168-61
	Critical Facility Addition - Construction Progress	AEC		10-169-61
	Visiting Scientists Quarters Construction Progress			10-170-61 thru 10-172-61
	Metallurgy Building Extension Construction Progress			10-173-61 thru 10-174-61

Date	Caption	Dept.	Photographer	Number
9/28/61	Hi Flux Beam Reactor (Construction Progress)	Moore AEC	M. Rosen	10-175-61 thru 10-176-61
10/9/61	Graph - Assumed photon spectrum for 30 Bev protons incident on primary target.	Collins Cosmotron	D. Humphrey	10-177-61
	Schematic			10-178-61
10/9/61	Graph - Scattered neutron intensity arbitrary units vs. Energy in 10-3Ev	Otness Physics	D. Humphrey	10-179-61
10/9/61	Copy of Film Original	Reims Nuc. Eng.	D. Humphrey	10-180-61
9/29/61	AGS Building Extension Progress	D. Brown	M. Rosen	10-181-61
	AGS Construction Sub Station Progress	Stone/Webster		10-182-61
	80" Bubble Chamber Progress			10-183-61
~~10/9/61~~	~~Schematic~~	~~Sehgal~~	~~D. Humphrey~~	~~10-184-61~~
	~~Graph - Relative Counting rate - time in minutes.~~ delete	~~Physics~~		~~10-185-61~~
	" ~~Relative counting rate - efficiency - channel number.~~			~~10-186-61~~
10/9/61	Graph- Cumulative Mass Distribution	Rottenburg Instr.	D. Humphrey	10-184- 61
10/9/61	Graph	Schwarz Chemistry	D. Humphrey	10-185-61
10/9/61	Graph - Labeling of non-dividing erythroid precursers.	Odartchenko Medical	D. Humphrey	10-186- 61
	" Grains/labelled cells. Bone marrow H3 thymidine in vivo background collected.			10-187-61
	" Labeling of non-dividing erthrocytic precursers. Grains/cells ± for 4 different counts.			10-188-61
	" A labeling of mitotic figures in the most mature erythrocytic precursers.			10-189-61

Date	Caption	Dept.	Photographer	Number
10/9/61	Graph - Grains/labeled cells--- influence of correction for background.	Odartchenko Medical	D. Humphrey	10-190-61
	" Labeling of non-dividing erythrocytic precursers. Separation into 2 morphological groups.			10-191-61
	" Separation into 2 morphological groups labeling of non-divided erythrocytic precursers.			10-192-61
	" Labeling of mytotic figures in the most mature erythrocytic precursers.			10-193-61
	" Labeling of non-dividing ~~erthr~~ erythroctic precursers.			10-194-61
	" Cells frequency vs. # of grains.			10-195-61
10/9/61	Graph	Smith Meteorology	D.Humphrey	10-196-61 thr 10- 200- 61
10/6/61	PM copper particles, 300X	Sy Rottenberg Meterol.	R.F.Smith	10-201-61thru 10-203-61
10/4/61	Tobacco Seedlings (1)	Schaeffer Biology	R. Walton	C10-204-61 thr C10-209-61
9/28/61	Flower buds (1)	Miksche Biology	R. Walton	C10-210-61 thru C10-211-61
10/9/61	Graph - Von Dardel et al. This experiment.	W.Love Physics	D. Humphrey	10-212- 61
			lost neg as per R.J.W.	
10/5/61	Oak Tree buds (3)	L.Schairer Biology	R. Walton	C10-213-61
Sept.1961	High Level Radiation Shot at MIT	L.Galanter Nuc.Eng.	L.Galanter	10-214-61 thru 10-235-61
10/9/61	Analogue computer in Medical Dept.	Higinbotham Instr.	R. Walton	10-236-61 CM10-236-61

Date	Caption	Dept.	Photographer	Number
9/28/61	Pm Chromosomes 400X	V. Pond	R. F. Smith	10-237-61
	480X	Biology		10- 238-61
	1000X			10-239- 61 thr
				10-255- 61
10/11/61	Curve - Total counts vs. y Energy in Mev	Robertson Medical	H. Maile	10-256-61
10/11/61	Copy Photo with English & German captions	Robertson	D. Humphrey	10-257-61
	Schematic - 10-69-5 " " "	Medical		10-258-61
	" 5-250-6 " " "			10-259-61
10/6/61	Pm Chromosomes 1200X	B. Kwack	R. F. Smith	10-260-61 thru
		Biology		10-262-61
	Pm Pollen tube 1200X			10-263-61
	Chromosome autograph 1200X			10-264-61
	Pm chromosome autograph 1200X			10-265-61
	Pm autograph pollen 320X			10-266-61
10/12/61	Curve - Relationship between Nuclear volume & frequency of micronuclei, etc.	Sparrow Biology	D. Humphrey	10-267-61
10/11/61	Graph - K+ proton total cross sections	W. Baker Physics	H. Maile	10-268-61
10/2/61	Grove Valve	Goodzeit Physics	M. Rosen	10-269-61 thru
				10-272-61
10/9/61	NaK Loop Progress	Scarlett Nuc. Eng.	M. Rosen	10-273-61 thru
				10-275-61
10/12/61	Curve Graph - 1/Y tryp (ev/molecule) vs. 1/N tryp (Liters/u Mole)	Augenstine Biology	H. Maile	10-276-61
	Curve - 1/Y tryp (ev/Molecule) vs. pH			10-277-61
10/12/61	Curve - Corrected spectrum of Cr2O3 y-rays - Book Original	W. Kane Physics	H. Maile	10-278-61

Date	Caption	Dept.	Photographer	Number
10/4/61	Casting at Elliott Co. - Ridgway, Pa.	M. Burns Physics	J. Hamush	10-279-61 thru 10-290-61
10/11/61	Glass-ware	R. Davis Chemistry	R. Walton	10-291-61
10/13/61	Graph - Label density in grains/unit area in differentiated cells/ Anhydrous autoradiography	Feinendegen Medical	H. Maile	10-292-61
	" Grain distribution in cells with one grain and above.			10-293-61
	" Grain distribution in differentiated cells---- grain distribution in overall cells.			10-294-61
10/8/61	Pm autograph 1200X	Dr. Feinendegen Medical	R. F. Smith	10-295-61 thru 10-301-61
10/13/61	Schematic - Assembly of Co-60 Reactor Vessels.	Manowitz Nuc. Eng.	H. Maile	10-302-61
	" Co-60 Reactor Vessel			10-303-61
	" Radio-Chemical Reactor for Ethylene Polymerization.			10-304-61
10/13/61	Particle Event	Hornbostle Physics	R. F. Smith	10-305-61
10/13/61	Well Counter	Dr. Borg Medical	R. Walton	10-306-61
10/16/61	Mann Millimeter Scale	F. Ayer Physics	R. Fuka	10-307-61 9/10/65 DELETED AS PER DR. SALANT
10/16/61	Fig. 1 page 2 Copy from "Radiation	Sparrow Biology	D. Humphrey	10-308-61
	Fig. 7 page 13 Biology of Vicia			10-309-61
	Fig. 18 page 46 Faba."			10-310-61
	Fig. 13 page 62 Copy from "Fallout" Lifetime exposure to radiation from natural sources, etc.			10-311-61
	Typed Table - Gross effects of chronic gamma irradiation on growing plants.			10-312- 61

Date	Caption	Dept.	Photographer	Number
10/16/61	Slide Originals:	Sparrow		
	Translocation Diagram NN 311	Biology	D.Humphrey	10-313-61
	Duplication NN 310			10-314-61
	Inversion Diagram NN 312			10-315-61
	Inversion NN 313			10-316-61
10/16/61	Photo from page 105 of " The New Landscape" by Gyorgy Kepes	C.Schwarz Cosmotron	D. Humphrey	10-317-61
10/6/61	Broken pipe in trench - corner Cornell and Rutherford Drive	Myott AEC	R. Walton	10-318-61
10/12/61	Radiation damage to Pine trees	Woodwell Biology	R. Walton	10-319-61 thru 10-320-61
	Radiation damage to Pine branches			10-321-61 thru 10-335-61
10/11/61	Hydrogen Chamber Feed & Cooling Lines	J.Ferrer Physics	J. Ferrer	10-336-61 thru 10-343-61
	Propane Chamber Helium Plumbing Board			10-344-61
10/13/61	Curve - Fig.1A-Plot of the experimental results for the oxidation,etc.	Czapski Chemistry	D.Humphrey	10-345-61
	" Fig. 2-Plot of the experimental results of ref. 10, etc.			10-346-61
	" Fig.1-Dependence of the yield on the concentration product,etc.			10-347-61
	" Fig.3-Graphical determination of B.			10-348-61
	" Fig.2-Dependence of the yield on (H+) at low, etc.			10-349-61
	" Fig.6-Dependence of the yield on (H+) at different, etc.			10-350-61
	" Fig.4-Dependence of the yield on (B H+)2.			10-351-61
	" Fig.5-Dependence of the yield on (I-) at different, etc.			10-352-61
	" Fig.7-(Formula) vs. Time of irradiation (min.)			10-353-61

Date	Caption	Dept.	Photographer	Number
10/13/61	Curve - Fig.6 - (Formula)	Czapski	D. Humphrey	10-354-61
	" Fig.3 - (Formula)	Chemistry		10-355-61
	" Fig.3 - (Formula) vs. Irradiation time, min.			10-356-61
	" Fig.2 - (Formula) vs. Time of irradiation, (Min.)			10-357-61
	" (Formula)			10-358-61 thru 10-359-61
	" Fig. 5 - (Formula)			10-360-61
	" (Formula)			10-361-61
	Curve Graph - Fig. 4 - (Formula)			10-362-61
10/16/61	Copy of Keystone Slide 38--5.69c General view at 3000 feet, Nagasaki	Sparrow Biology	D. Humphrey	10-363-61
10/12/61	Curve - Fig. 4A Simplified 3ϕ Rectifier inverter inductive load.	MacDougall Cosmotron	H. Maile	10-364-61
	" Fig. 4B Rectifier faults			10-365-61
	" Fig. 4C Inverter faults			10-366-61
	" Fig. 2 - Ignition rectifier anode & ignitor to cathode voltage, etc.			10-367-61
	" Fig.10 - Output, or magnet voltage.			10-368-61
	" Fig. 6-Ignition control waveforms, etc.			10-369-61
	" Fig. 9-Ignition anode, cathode voltage.			10-370-61
	" Fig. 1 -Typical pumped-type ignition tube, etc.			10-371-61
	" Fig. 3-Connection scheme			10-372-61
	Schematic - Fig. 8 Regulator & exciter.			10-373-61
	" Fig.5 -Ignition control diagram.			10-374-61
	Controller wiring diagram secondary speed control w/current limit accel.			10-375-61
	8 Pole 12 Phase 4 Par. 16 Leads Special stator winding diagram.			10-376-61
	Graph - Fig.1 - Comparison of tolerable voltages for motors & fluorescent luminaires, etc.			10-377-61

Date	Caption	Dept.	Photographer	Number
10/12/61	Book Originals:	MacDougall		
	Fig.4 - Mechanism panel	Cosmotron	H. Maile	10-378-61
	Fig1 Type 150 DH 250 circuit breaker, etc.			10-379-61
	Fig. 6 -Tripping latch adjustment.			10-380-61
	Fig. 9 -Rear view of 150 DH 250 circuit breaker.			10-381-61
	Schematic:			
	Fig. 3 -Solenoid operating mechanism			10-382-61
	Fig. 5 - Cutoff switch adjustment.			10-383-61
	Fig. 7 - Primary latch & trip core adjustment.			10-384-61
	Fig. 8 - Arc chute & blowout coil.			10-385- 61
	Fig. 1 - Cross section view of A WL 679 ignition tube.			10-386-61
10/16/61	Curve - Cross section for the reaction	R.Davis Chemistry	D. Humphrey	10-387-61
10/16/61	"Encyclopedia of Plant Physiology"	Sparrow		
	Page 587, Table	Biology	D. Humphrey	10-388-61
	Page 561, Table 3			10-389-61
	"Biophysical Research Methods"			
	Figure 12, page 504			10-390-61
10/16/61	Typed Table - Some radiation effects on cellular components.	Sparrow Biology	D. Humphrey	10-391-61
	" " Physiological factors which affect radiosensitivity			10-392-61
10/17/61	Book Originals:			
	Part B Fig. 7-17 -Changes produced in the macromolecular structure of DNA by the direct action of ionizing radiation.	Sparrow Biology	D. Humphr ey	10-393-61
	Fig. 1-10 Cloud chamber track of a proton projected by a neutron.			10-394-61
	Fig. 1-11 Cloud chamber track of a fast electron illustrating that ionization occurs in clusters,etc.			10-395-61

Date	Caption	Dept.	Photographer	Number
10/17/61	Book Originals:	Sparrow		
	Fig. 4-2 Calculation of target size, etc.	Biology	D. Humphrey	10-396-61
	Fig. 4-11 Variation in RBE, etc.			10-397-61
	Fig. 7-15 Logarithmic relationship between dose & decrease in viscosity for 0.1 % solution of DNA irradiated with x-rays, etc.			10-398-61
	Fig. 7-21 Collected data from the lab of E.C. Pollard, etc.			10-399-61
	Part A Fig. 7-17 Changes produced in the macromolecular structure of DNA by the direct action of ionizing radiation.			10-400-61
	Fig. 1 Exposure to radiation & molecular changes.			10-401-61
10/16/61	Copy of Bell Telephone Slide:	L. Miller		
	Drawing	Instr.	D. Humphrey	10-402-61
	Curve - Counts per channel vs. heavy fragment energy in Mev			10-403-61
	" Fission yield % vs. Mass No.			10-404-61
10/16/61	Drawing - The localization & distribution of HHIL in distal femora of mice.	Dr. Tomm Medical	D. Humphrey	10-405-61
10/13/61	Giving oral dose of Fe 59	Dr. Price Medical	R. Walton	10-406-61
10/16/61	Curve - Rate M Hrs. vs. Added (H2O)M	Ford-Smith	D. Humphrey	10-407-61
	" Rate M Hrs-1 (Tl III)M	Chemistry		10-408-61
	" K2M-1 Hrs-1 Br-M			10-409-61
	" KX10-2 M Hrs-1 vs. I			10-410-61
	" Log 10 K1 vs. I			10-411-61
10/17/61	Typed Table - Summary of Mine Experiments.	R. Davis Chemistry	D. Humphrey	10-412-61
	" " Solar Neutrinos			10-413-61

Date	Caption	Dept.	Photographer	Number
10/10/61	Cosmotron Equipment	McCrum Cosmotron	M. Rosen	10-414-61 thru 10-416-61
10/10/61	Group Shot	L.Gemmel H.P.	Walton/Smith/Rosen	10-417-61
10/5/61	African violets	L.Schairer Biology	R. Walton	10-418-61 thru C10-418-61 thru 10-419-61 C10-419-61
10/6/61	Unit 80,289R	Archambeau Medical	R. Walton	10-420-61 C10-420-61
10/6/61	Loop	D.Horne Nuc.Eng.	R. Walton	10- 421-61
10/13/61	Gamma facility - pig Gamma facility - container	L.Adler Nuc.En.g	R. Walton	10-422-61 10-423-61 thru 10-424-61
10/18/61	Graph - Intensity (10 5 proton/cm2) vs. Distance in mm Schematic	Cumming Chemistry	D. Humphrey	10-425-61 10-426-61
10/11/61	Aerials of Gamma Forest	Woodwell Biology	R. Walton	C10-427-61 thru C10-443-61 CN10-436-61
10/17/61	Curve - Effect of different post Boron injection intervals on cytocidal effects.	Farr Medical	D.Humphrey	CN10-432-61 CN10-441-61 10-444-61
10/18/61	Curve - Patient SG - Hereditary hemorrpagic telangiectasia iron deficiency anemia. Curve - Patient SY - Stress polcythemia, epistaxis, etc.	D.Price Medical	D.Humphrey	10-445-61 thru 10- 446-61 10-447-61

Date	Caption	Dept.	Photographer	Number
10/18/61	Table - Nucleoside or Nucleotide	Zubay	D. Humphrey	10-448-61
	" Nucleotides/S-RNA Molecule=70, etc.	Biology		10-449-61
	Graph - Optical density (260mm) vs. effluent volume (ml)			10-450-61
	" Optical density (260mm) vs. ml Effluent.			10-451-61
	Curve - Optical density (T)/Optical density (24C) vs. Temperature (c)			10-452-61
	Table Graph			10-453-61
10/18/61	Curve - Fig. 186 Bi-Na Book Orig.	J. Weeks	D. Humphrey	10-454-61
	Table I - Relative electronegativities & Atomic radii of the metals.	Nuc. Eng.		10-455- 61
10/18/61	Curve	MacDougall	D. Humphrey	10-456-61
	Curve - I S.R. Open R.R.=3.7 R.(.034) in P.L.=47	Cosmotron		10-457-61
	Schematic			10-458-61
	Schematic Diagram			10-459-61
	Schematic Diagram - M.G. Room Tel. Line Police Headquarters			10-460-61
10/18/61	Table - Max. Temp. within Cobalt-60 Shipping container 83 Kilocurie Loading	L. Adler Nuc. Eng.	D. Humphrey	10-461-61
	Schematic - Shipping Cask-ETR sources Cask Assembly			10-462-61
	" Shipping basket assembly			10-463-61
10/3/61	Local scanning Plastic Man	C. Sipe Medical	R. F. Smith M. Rosen	CN10-464-61
10/18/61	Bubble Chamber Copy Neg. #259151V3	C. Schwartz	D. Humphrey	10-465-61
	" " " " 110-13702	Cosmotron		10-466- 61
	" " " " 06686			10-467-61

Date	Caption	Dept.	Photographer	Number
10/18/61	Typed Table-Elastic scattering of p	P.Wilson	D. Humphrey	10-468-61
	" " Strange particle production in Hydrogen by 16 GEV/C	Physics		10-469-61
	" " Stopping anti-protons scanning summary uncorrected.			10-470-61
	Curve - P (GEV/C)			10-471-61
	" Recoil Mass (Mev)			10-472-61
	Copy of Photograph- 18 GW			10-473-61
	" " 137125			10-474-61
	" " 136874			10-475-61
	" " CERN--SIS Neg. #12625 GT 319132			10-476-61
	" " CERN--SIS Neg.#12553			10-477-61
10/13/61	Alphafacility	Banslaben Hot Lab	R. Walton	10-478-61 thru 10-483-61
10/19/61	Curve - Phantom vs. actual depth dose measurement (central axis) using large animal.	V.Bond Medical	H. Maile	10-484-61
	" Depth dose values at D12 with dosemeters unplanted from top of animal to base at this depth.			10-485-61
	" Depth dose values D6 w/dosemeters going from the top of animals head to base.			10-486-61
	" Phantom vs. actual depth dose measurements (central axis) using large animal.			10-487-61
	" Representative variations of depth dose values with different anatomical parts, etc.			10-488-61
	" Depth dose values at D15 with dosemeters unplanted from top of animal to base at this depth.			10-489-61
	Composite Curve - Phantom vs. Actual depth dose measurements (central axis) using large animal.			10-490-61

Date	Caption	Dept.	Photographer	Number
10/5/61	Calciner	Domish Nuc. Eng.	M. Rosen	10-491-61 thru 10-507-61
10/16/61	Nurses Station Medical Research Hospital	C. Sipe Medical	R. F. Smith + R. WALTON	CN10-508-61
10/1/61	Molecular Beam Apparatus	V. W. Cohen	V. Cohen	CN10-50 9-61
	Magnet Control Panel	Physics		CN10-510-61
	Radio Frequency System			CN10-511-61
	(Internegatives)			
10/19/61	Typed Table - Turnover of Sr-85 based on power.	Dr. Cohn Medical	D. Humphrey	10-512-61
	" " Clinical history of patients.			10-513-61
	" " Effect of dietary supplementation on Sr-85 retention.			10-514-61
	" " Turnover of Sr-85 based on exponential model % retention (R) = Ae			10-515-61
10/19/61	Curve - (Formula) vs. distance along column.	P. Michael Nuc. Eng.	H. Maile	10-516-61 thru 10-517- 61
10/16/61	NaK Loop Progress	C. Scarlett Nuc. Eng.	M. Rosen	10-518-61 thru 10-519-61
10/20/61	Table - Photosynthesis, respiration & FDPase of green heterotrophic Euglena after transfer, etc.	Smillie Biology	K. Meyn	10-520-61
	" Dist. of alkaline FDPase			10-521-61
	" Phosphatase activities of castor bean endosperm extracts.			10-522-61
	" Some properties of pea leaf FDPase.			10-523-61
	" Specificity of Thiobacillus thioparus FDPase			10-524-61

Date	Caption	Dept.	Photographer	Number
10/19/61	Graph - P vs X = S/D	C.E.Porter	K. Meyn	10-525-61
	" P = X = S/D	Nuc.Eng.		10-526-61
	" P vs X = S/D			10-527-61
10/16/61	Hi Flux Beam Reactor Progress	J.Kinne Nuc.Eng.	M. Rosen	10-528-61 thru 10-529-61
10/23/61	Curve - N (n) vs. n	C.Porter Nuc.Eng.	D.Humphrey	10-530-61
10/20/61	Copy of Magazine Cover - Los Alamos Scientific Laboratory	B.Bradden Personnel	D. Humphrey	10-531-61
10/23/61	Schematic - AGS	H.Bumstead	D.Humphrey	10-532-61
	" Drawing - Service Bldg. 1st Floor AGS			10-533-61
10/23/61	Curve - Sr85 retention following I.V. Administration.	Dr.Cohn Medical	D.Humphrey	10-534-61
	" Patient MOS Sr85 I.V. Admin.			10-535-61
	" Power function model, Exponential function model.			10-536-61
10/23/61	Diagram	Bernstein	D.Humphrey	10-537-61
	Curve - (Formula)	Physics		10-538-61 thru 10-540-61
10/19/61	30" Propane Chamber - 70mm Camera in particular	J.Ferrer Physics	J.Ferrer	10-541-61 thru 10-550-61
10/23/61	Survey Plan 9/22/61 Copy from Ozalid of #3-854-61 w/changes	Hennessy Cosmotron	D.Humphrey	10-551-61
10/20/61	Photo of Equipment Copied from 35mm color slide	E.Church Physics	R. Fuka	10-552-61 thru 10- 554-61
10/23/61	Medical Conclave	A.Finn Medical	Smith/Walton/Rosen	10-555-61

Date	Caption	Dept.	Photographer	Number
10/23/61	Curve - Experimental & calculated buildup factors for water.	Galanter Nuc. Eng.	D.Humphrey	10-556-61
	" Calculated specific dose rates due to uncollided Gamma Rays from a thin Cobalt 60 Source.			10-557-61
	" Ratio of finite to infinite buildup factors for water.			10-558-61
10/23/61	Typed Table	Czapski Chemistry	D.Humphrey	10-559-61 thru 10-561-61
	Typed Table - Forced Convection			10-562-61
	" " Diffusion Model			10-563-61
	" " Steady State Treatment			10-564-61
10/23/61	Curve - Multi group inelastic cross section for U238.	Michael Nuc. Eng.	D.Humphrey	10-565-61
	" (Formula) Vs. Distance along column.			10-566-61
10/23/61	Table I - General Data on Experimental subjects.	Shreeve Medical	D.Humphrey	10-567-61
Shot as Table II	Table II- Relative Dist. of C14 in blood glucose carbons after intravenous admin. of 2-C14-DL-Lactate.			10-568-61
Shot as Table III	Table III-Relative Dist. of C14 in blood glucose carbons after intravenous admin of 2-C14-Pyruvate.			10-569-61
Reshot as Table IV	Table IV -Relative dist. of C14 in blood glucose carbons after intravenous admin. of 3-C14 Lactate or Pyruvate.			10- 570-61
10/20/61	Electrode System (Replacing # 9-304-61)	Dr.Fine Medical	M. Rosen	10-571-61

Date	Caption	Dept.	Photographer	Number
10/23/61	20" Bubble Chamber Shots	M. Burns	~~Physics~~	
	Roll 276 Frame 590546	Physics	D. Humphrey	10-572-61
	167 555031			10-573- 61
	48 517038			10-574-61
10/23/61	Copy of Photo Frame # 263917 Roll ?	M. Burns Physics	D. Humphrey	10-575-61
10/24/61	Typed Table - Decay of Be7 in Stars	R. Davis	D. Humphrey	10-576-61
	" " Harleton Meteorite	Chemistry		10-577-61
	" " Summary of Results - Discoverer Satellites			10-578-61
	" " Solar Neutrinos			10-579-61
	" " Table I, page 485 of "An evolutionary sequence of Solar Models w/revised Nuclear Reaction Rates.			10-580-61
10/19/61	Pm autograph 480X	D. Wimber Biology	R. F. Smith	10-581-61
10/17/61	Pm Chromosomes focus for autograph1000X	A. Haque Biology	R. F. Smith	10-582-61 thru 10-590-61
	Pm chromosomes focus for Chromosomes 1000X			10-591-61 thru 10-599-61
	Pm chromosomes focus for grains 1000X			10-600-61
8/29/61	Pm Autograph # 2 800X	Sparagen	R. F. Smith	10-601-61
	3 800X	Medical		10-602-61
	5 1200X			10-603-61
	6 1200X			10-604-61
	7 1200X			10-605-61
	11 1000X focus on grains			10-606-61
	11 1000X focus on tissue			10-607-61
	13 1000X			10-608-61
	13 400X			10-609-61
	14 800X			10-610-61
	15 480X			10-611-61 C10-611-61
	15 1200X			10-612-61 C10-612-61
	16 480X			10-613-61

Date	Caption	Dept.	Photographer	Number
8/29/61	Pm Autograph # 17 480X	Sparagen	R.F.Smith	10-614-61
	17 800X	Medical		10-615-61
	21 800X			10-616-61
	23 320X			10-617-61
	25 1200X			10-618-61
	26 14.5X			10-619-61
8/29/61	Pm Autograph # 0 480X (1)	Sparagen	R.F.Smith	10-620-61 C10-620-61
	1 320X	Medical		10-621-61 C10-621-61
	1 800X			10-622-61 C10-622-61
	4 480X			10-623-61 C10-623-61
	4 1200X			10-624-61 C10-624-61
	8 800X			10-625-61 C10-625-61
	8 480X			10-626-61 C10-626-61
	9 320X			10-627-61 C10-627-61
	9 800X			10-628-61 C10-628-61
	10 400X			10-629-61 C10-629-61
	10 800X			10-630-61 C10-630-61
	11 400X			10-631-61 C10-631-61
	12 320X			10-632-61 C10-632-61
	12 800X			10-633-61 C10-633-61
	18 480X			10-634-61 C10-634-61
	18 800X			10-635-61 C10-635-61
	19 800X			10-636-61 C10-636-61
	20 480X			10-637-61 C10-637-61
	22 1000X			10-638-61 C10-638-61
	24 1200X			10-639-61 C10-639-61
10/24/61	Schematic	Pickup	D.Humphrey	10-640-61
	Graph - mb/Ster-Bev	Physics		10-641-61
	" No. of Protons			10-642-61
	" No. of Events- No. of Protons			10-643-61
	" No. of Combinations			10-644-61
	" No. of Triples			10-645-61
	" No. of Pairs			10-646-61
	" No. of Nucleons			10-647-61
	" No. of Particles vs. P (Bev/c)			10-648-61

Date	Caption	Dept.	Photographer	Number
10/24/61	Graph- No. of Protons	Pickup	D.Humphrey	10-649-61
	" No. of Events vs. Qp * (Mev)	Physics		10-650-61
	" No. of Pairs			10-651-61
	" No. of Protons			10-652-61
	" No. of Particles			10-653- 61
	" No. of combinations vs. Q (Bev)			10-654-61
	" No. of Protons			10-655-61
	" No. of events			10-656-61
	" No. of events			10-657-61
	" No. of events vs. missing mass			10-658-61
	" No. of Pions			10-659-61
	" No. of Pions			10-660-61
10/16/61	Plants in Gamma Field (2)	Schairer Biology	M. Rosen	C10-661-61 thru C10-664-61
	Plants in Gamma Field (1)			C10-665-61 thru C10-668-61
10/16/61	Plants in Gamma Field	Schairer Biology	M. Rosen	10-669-61 thru 10-673-61
10/24/61	Schematic - Major types & classes of Chromosomal aberrations induced by X-Rays at various stages of Nuclear development.	Sparrow Biology	D.Humphrey	10-674-61
10/19/61	Loop	D.Horne Metallurgy	R. Walton	10-675-61
10/23/61	High temp. mercury loop	S.Fink Metallurgy	R. Walton	10-676-61 thru 10-680-61
10/24/61	Cartoon from New Yorker	Koshland Biology	D.Humphrey	10-681-61 thru 10-682-61
10/24/61	Schematic - Isotopes produced by Neutron capture in silver.	Munhoffen Chemistry	D.Humphrey	10-683-61

Date	Caption	Dept.	Photographer	Number
10/24/61	Graph - P---Total Count---X=S/D	Porter Nuc. Eng.	D. Humphrey	10-684-61
10/24/61	Schematic - Helium Cryostat---E46 (Original drawing - now non-existent)	Marshak Reactor	D. Humphrey	10-685-61
10/25/61	Schematic - Helium Cyostat E46	Marshak Reactor	D. Humphrey	10-686-61
10/24/61	Graph - No. of Pions	Pickup Physics	D. Humphrey	10-687-61
	" No. of Nucleons			10-688-61
	" No. of Events			10-689-61
	" No. of Protons			10-690-61
	" No. of Pions			10-691-61
	" No. of Pions			10-692-61
	" (Formula)			10-693-61
10/24/61	Schematic	Marshak Physics	D. Humphrey	10-694-61
10/25/61	Graph - Counts per Microcoulomb vs. Coil Current setting.	Warburton Physics	D. Humphrey	10-695-61
10/25/61	Typed Table - Table I - Summary of experimental results.	Galanter NBD	D. Humphrey	10-696-61
	" " Table II - Experimental semi-infinite buildup factors for water targets & Cobalt 60 thin slab sources.			10-697-61
10/20/61	High Power Ferrite R.F. Coil	Rheaume ADD	M. Rosen	10-698-61
10/23/61	Cherenkov Effect Hot Lab Canal	D. Adler Nuc. Eng.	R. Walton	10-699-61 CN10-699-61
10/26/61	Typed Table - Table 1 - Grain counts in root tip cells of Vicia faba treated for 24 hours with Tritiated 5-Iododeoxyuridine.	Smith Biology	D. Humphrey	10-700-61
	Typed Table - Table 2 - Dist. of grain counts in Nuclei of Vicia faba, etc.			10-701-61

Date	Caption	Dept.	Photographer	Number
10/26/61	Graph - Relationship between sensitivity & Nuclear volume in Diploids & Polyploids.	Sparrow Biology	D. Humphrey	10-702-61
10/26/61	Graph - Biological Effectiveness in Mice	Bateman Medical	D. Humphrey	10-703-61 thru ~~10-704-61~~
10/26/61	Graph - Radiant conductivity for beds of Mesh 16 Sic Grains.	Chen Nuc. Eng.	D. Humphrey	10-704-61
	" Fig. 7 - Conductivities of UO2 Media.			10-705-61
	" Fig. 8 - Conductivities of UO2 Media.			10-706-61
	" Conductivities of BeO Media			10-707-61
	" Radiant conductivity for beds of 3/16 in steel spheres.			10-708-61
	" ~~Comparison of thermal conductivities for Media in solid & in particulate form.~~	delete		~~10-709-61~~
	" Fig. 5 - Conductivities of Graphite Media.			10-710-61
	Schematic - Fig. 1 - Fuel element in particulate form - Fig. 2 Radiant flux.			10-711-61
10/18/61	Unit 80289R 3 - 35mm Color	Archambeau Medical	R. Walton	10-712-61
10/13/61	Mock-up of Chamber	Fowler	R. Walton	10-713-61
	Transformer on flat car	Physics		10-714-61
10/20/61	Grid	B. French Cosmotron	R. Walton	10-715-61
10/20/61	Critical Facility Extension-Progress	K. Downes Nuc. Eng.	M. Rosen	10-716-61 thru 10-718-61
10/20/61	Chemistry - Low Temp. Exhibit	Munhoffen Chemistry	M. Rosen	10-719-61

Date	Caption	Dept.	Photographer	Number
10/17/61	Neutrino Spark Chamber Exp.	R. Hodor Physics	M. Rosen	10-720-61 thru 10-722-61
10/20/61	Experimental Equipment Beam # 2 - Cosmotron	E.McLaughlin Cosmotron	M. Rosen	10-723-61 thru 10-726-61
10/27/61	Typed Table - Yiftah et al.	P.Michael NED	D.Humphrey	10-727-61
10/26/61	Rodent Thyroid 80X (2 color)	Dr.Calvo Medical	R.F.Smith	10-728-61 C10-728-61 CN10-728-61
10/26/61	Medical Exhibit	C.Sipe Medical	Smith/Walton	CN10-729-61 thru CN10-730-61
10/27/61	Copy of Polaroid Slide	Courant AGS	D.Humphrey	10-731-61 thru 10-734-61
10/27/61	Copy of Original Photo: Effects of 250 KV/X-Ray on the Pancreas - control section X155 , etc. Fig.3	Archambeau Medical	D.Humphrey	10-735-61
10/24/61	Unit # 80294R	Cotzias Medical	R. Walton	10-736-61 thru 10-739-61
10/24/61	Tobacco Seedling	Schaeffer Biology	R. Walton	10-740-61 C10-740-61
10/24/61	Mude mouse	G.Bormer Biology	R. Walton	10-741-61
10/24/61	Radiation damage (2) Radiation damage to evergreen branches Radiation damage to bush Radiation damage to plant Mutant bushes	L.Schairer Biology	R. Walton	10-742-61 C10-742-61 10-743-61 C10-743-61 10-744-61 C10-744-61 10-745-61 C10-745-61 10-746-61 C10-746-61
10/24/61	Nanocard Units	Sugarman Instr.	M. Rosen	10-747-61 thru 10-756-61

Date	Caption	Dept.	Photographer	Number
10/25/61	Portrait - Glen Price - Nuc.Eng.	D.Puleston PublInfo	M. Rosen	10-757-61
10/24/61	Tobacco Seedling	G.Schaeffer Biology	R. Walton	C10-758-61
10/10/61	Mutant Flowers	J.Miksche Biology	R. Walton	C10-759-61 thr C10-760-61
10/25/61	Portrait - Retirement - Charles Schmidt	Whitehead Personnel	M. Rosen	10-761-61
10/18/61	80" Bubble Chamber Equipment Progress	H.Courtney Physics	M. Rosen	10-762-61 thru 10-763-61
10/28/61	Visitors Day	Puleston PublInfo.	M. Rosen	10-764-61 thru 10-768-61
10/30/61	Graph	Samios Physics	D.Humphrey	10-769-61 thru 10-776-61
10/30/61	Typed Table - Table I - High Energy Group Average Cross Sections for Be.	Srikantiah NED	D.Humphrey	10-777-61
	" " Table II - Keff & Differential effects in CA-18.			10-778-61
10/31/61	Graph - Effect of pH on the binding Haptene arsonic antibody.	Koshland Biology	D.Humphrey	10-779-61
	" Effect of PH on Association constant of arsonic antibody.			10-780-61
	" Effect of Iodoacetate on binding of arsonic antibody.			10-781-61
	" Equilibrium dialysis.			10-782-61
	" Effect of iodination on binding of arsonic antibody.			10-783- 61 th 10-784- 61
10/31/61	Typed Table - Particle shape & arrangement.	Chen NED	D.Humphrey	10-785-61
	" " Conductive Conductivity			10-786-61

Date	Caption	Dept.	Photographer	Number
10/31/61	Typed Table - Forward Hemisphere ---	Chen		
	Backward Hemisphere.	NED	D.Humphrey	10-787-61
	" " Heat flow equation.			10-788-61
10/16/61	Progress of Casting at Elliott Co.	M.Burns	Hamish	10-789-61 thru
	Ridgway, Penna.	Physics		10-798-61
10/24/61	Slides shown at the International			
thru 10/27/61	Symposium of Aerospace Nuclear	L.Adler		
	Propulsion at Las Vegas, Nev.	Nuc.Eng.	L. Adler	
	Roll # 1			10-799-61 thru
				10-834-61
	Roll # 2			10-835-61 thru
				10-865-61
	Roll # 3			10-866-61 thru
				10-873-61
10/25/61	Pr path 200X # 1 Bright field (2)	Dr.Calvo	R.F.Smith	10-874-61 C10-874-61
	200X # 1 Polarized	Medical		10-875-61 C10-875-61
	80X # 2 Polarized			10-876-61 C10-876-61
	80X # 3			10-877-61 C10-877-61
	80X # 4			10-878-61 C10-878-61
	200X # 5			10-879-61 C10-879-61
	80X # 6			10-880-61 C10-880-61
	80X # 7			10-881-61 C10-881-61
	200X # 8			10-882-61 C10-882-61
	80X # 9			10-883-61 C10-883-61
	200X #10			10-884-61 C10-884-61
	80X #11			10-885-61 C10-885-61
	200X #12			10-886-61 C10-886- 61
	80X #13			10-887-61 C10-887- 61
	200X #15			10-888-61 C10-888-61
	80X #16			10-889-61 C10-889-61
	80X #17			10-890-61 C10-890-61
	120X #18			10-891-61 C10-891-61
	200X #19			10-892-61 C10-892-61
	80X #20			10-893-61 C10-893-61
	80X #21			10-894-61 C10-894-61

Date	Caption	Dept.	Photographer	Number
10/25/61	Pm Path 80X # 22 (2)	Dr.Calvo	R.F.Smith	10-895-61 C10-895-61
	80X # 23	Medical		10-896-61 C10-896- 61
	80X # 24			10-897-61 C10-897-61
	80X # 25			10-898-61 C10-898-61
	200X # 26			10-899-61 C10-899-61
	80X # 27			10-900-61 C10-900 -61
	200X # 28			10-901-61 C10-901-61
	80X # 29			10-902-61 C10-902-61

November

Date	Caption	Dept.	Photographer	Number
10/27/61	Spectrometer	F. Langdon Physics	R. Walton	11-1-61 thru 11-4-61
10/26/61	Chemistry Exhibit	Munhofen Chemistry	M. Rosen	11-5-61 thru 11-7-61
11/1/61	Typed Table - Effect of pH on binding of Arsonic antibody.	M. Koshland Biology	D. Humphrey	11-8-61
	" " No. of Tyrosyl residues at active site.			11-9-61
	" " Effect of Iodacetate & urea on binding & lysine content of arsonic antibody.			11-10-61
	" " Effect of iodination on the binding of haptene to arsonic antibody.			11-11-61
	" " Destruction of amino acid residues of arsonic antibody by iodination.			11-12-61
	" " Effect of iodacetate on binding & lysine/content of arsonic antibody.			11-13-61
	" " Correlation of iodine uptake with destruction of amino acid residues in arsonic antibody.			11-14-61
	" " Amino acid content of 2 different antibodies.			11-15-61
11/1/61	Schematic - Dansville, N.Y.	M. Smith Meteorology	D. Humphrey	11-16-61
	" Olean, N.Y.			11-17-61
	" Inland Sites			11-18-61
	" Coastal Sites, Dec., Jan. & Feb.			11- 19-61
	" Coastal Sites, June, July & Aug.			11-20-61
	" Coastal Sites			11-21-61
	" Hilly Sites, Dec., Jan. & Feb.			11-22-61
	" Hilly Sites, June, July & Aug.			11-23-61
	" Jamestown, N.Y.			11-24-61

Date	Caption	Dept.	Photographer	Number
11/1/61	Graph - Fig.1 Non-elastic cross section	Srikantiah	D.Humphrey	11-25-61
	" Fig.2 (n,2n) Reaction in Be	Nuc.Eng.		11-26-61
	" Fig.3 General arrangement of CA-18.			11-27-61
	" Fig.4 Point source in Be Sphere Normalization.			11-28-61
11/1/61	Copy of Print Original	Fujita	D.Humphrey	11-29-61
	Copy of Photograph 538-X35,000	Physics		11-30-61
	" " MoS2 X160,000			11-31-61
	" " B-639 MOS2 X160,000			11-32-61
	" " X35,000			11-33-61
	" " 516 - X35,000			11-34-61
	" " B-803 X70,000			11-35-61
	" " B-914 MOS2 X35,000			11-36-61
	" " B-893 MOS2 X110,000			11-37-61
	" " Natural Graphite X80,000			11-38-61
11/1/61	Copy of retouched photograph	Konikowski Medical	H.Ruhnke	11-39-61
10/27/61	NaK Loop Progress	Scarlett Nuc.Eng.	M. Rosen	11-40-61 thru 11-42-61
10/30/61	Solid State Exhibit	M.Kuper Dir.Off.	M. Rosen	11-43-61
10/30/61	Meteorology Exhibit	Suydam Instr.	M.Rosen	11-44-61 thru
	Instrumentation Exhibit			11-45-61
11/2/61	Graph - En (eo) vs. Transmission	H.Marshak	H.Ruhnke	11-46-61
	" Time (hours) vs. Temperature	Physics		11-47-61 thru 11-51-61
11/2/61	Graph - Thermal behavior of Cobalt-60 shipping container.	Adler Nuc.Eng.	H.Ruhnke	11-52-61
	" Relative thermal behavior Cobalt-60 shipping container.			11-53-61

Date	Caption	Dept.	Photographer	Number
11/2/61	Schematic - Thermocouple locations - Cobalt-60 shipping container.	Adler Nuc.Eng.	H. Ruhnke	11-54-61
	" Plan view of temp. distribution Air-filled core case: ambient-cooled, with shielding liner.			11-55-61
	" Radial temp. distribution-air-filled core.			11-56-61
11/2/61	Graph - Time, Minutes	Archambeau Medical	H.Ruhnke	11-57-61
11/2/61	Graph - Photooxidation time in minutes	D.Koshland Biology	H.Ruhnke	11-58-61
	" Photoxidation reaction volume in ml			11-59-61
	" Photooxidation time in minutes			11-60-61
	" Time in minutes			11-61-61
	" Enzyme			11-62-61
	" Photooxidation time in minutes			11-63-61
	" Volume of Effluent (ml)			11-64-61
	Schematic			11-65-61
	" Schematic representation of photooxidation equipment.			11-66-61
11/2/61	Typed Table	Foley Physics	D.Humphrey	11-67-61
	" " Table 111.4			11-68-61
	Graph			11-69-61 thru 11-77-61
	Graph - Pulse height spectrum corresponding to y-rays,etc.			11-78-61
	" Counts per channel vs. channel #			11-79-61
	" The individual particle energy level diagram calculated by Nilsson.			11-80-61
10/30/61	Bone Marrow Bar Graph	Conard Medical	D.Humphrey	CN11-81-61
11/2/61	Pm brain section 300X (3)	Dr.Calvo Medical	R.F.Smith	11-82-61 C11-82-61
	Pm brain section 480X			11-83-61 thru C11-83-61 thru 11-84- 61 C11- 84-61

Date	Caption	Dept.	Photographer	Number
11/2/61	Graph - The magnetic interaction between iron group transition elements in platium, etc.	Pickart Physics	H. Ruhnke	11-85-61
	" Bohr magneton numbers plotted against iron content, etc.			11-86-61
	" Composite			11-87-61
11/1/61	Right forearm skin lesions # 80311R (1)	Schiffen Medical	R. Walton	C11-88-61
10/30/61	Accelerator exhibit	M. Kuper Adm.	R. Walton	11-89-61 thru 11-99-61
11/1/61/	Unit # 80314R	Bateman Medical	R. Walton	11-100-61
11/3/61	Graph - Efficiency curves for spectrometers using photons emitted from a large source, etc.	Fiebiger Physics	H. Ruhnke	11-101-61
11/1/61	Pm bone 100X (2)	Dr. Tonna Medical	R.F. Smith	11-102-61 thru C11-102-61 thru 11-103-61 C11-103-61
11/1/61	Macro Photo from 16mm Color Movie of Hydrogen Explosion.	A. Coppola Reactor	R.F. Smith	11-104-61 CN11-104-61
11/1/61	Pm Autograph 320X	Kugleman Biology	R.F. Smith	11-105-61
	480X			11-106-61
	1000X			11-107-61
11/3/61	Typed Table	Shreeve Medical	H. Ruhnke	11-108-61
11/3/61	Typed Table - Spectrometers used for Neutron capture Gamma-Ray experiments	Fiebiger Physics	H. Ruhnke	11-109-61

Date	Caption	Dept.	Photographer	Number
10/31/61	Critical Facility Ext. Progress	D.Moore	M. Rosen	11-110-61
	Volatility Studies Lab Progress	AEC		11-111 -61
	Hi Level Rad. Lab. Progress			11-112-61
	Sub Station Bldg. 610 Progress			11-113-61
	Visiting Scientist Quarters Progress			11-114-61 thru 11-115-61
	Hi Flux Beam Reactor Progress			11-116-61 thru 11-117-61
	Physics Building Progress			11-118-61 thru 11-119-61
11/6/61	Copy from Polaroid Picture Shot 1:1	J.Sadofsky NED	H. Ruhnke	11-120-61 thru 11-124-61
11/3/61	Aortitis in Children (Bantu)	Lippincott Medical	H. Ruhnke	11-125-61 thru 11-132-61
11/2/61	Mutant cells in flower petals (2) B&W Copy Neg. for 11-136-61	Sparrow Biology	R.F.Smith	C11-133-61 thru C11-139-61 CN 11-133-61
11/1/61	Encoder	Cockrill Physics	M.Rosen	CN11-140-61 thru CN11-143-61
11/6/61	Copy of Survey Plan w/ data added	Faust	H. Maile	11-144-61
	Data Sheet - Remote Monitor Data	H.P.	H. Ruhnke	11-145-61
11/6/61	Chromatogram	Kirchner Biology	R. Fuka	11-146-61
11/1/61	Pm Particles Group # 1 1000X	C.Rottenberg Meteorology	R.F.Smith	11-147-61 thru 11-156-61
	Pm Particles Group # 2 400X			11-157-61 thru 11-166-61
	Pm Particles Group # 3 300X			11-167-61 thru 11-176-61
11/6/61	Graph	Pickart Physics	H. Ruhnke	11-177-61
11/6/61	Graph - Coil Current Setting	Warburton Physics	H. Ruhnke	11-178-61

Date	Caption	Dept.	Photographer	Number
11/6/61	Schematic - Arrangement of counters			
	Neutron capture Gamma Ray	Fiebiger		
	experiment.	Physics	H. Ruhnke	11-179-61
	" Neutron capture Gamma Ray			
	Spectrometer.			11-180-61
	" Electronics for Neutron			
	capture Gamma Ray experiment.			11-181-61
11/6/61	Graph - Period of preceding Phlebotomy	Dr.Price		
	(PCV)	Medical	H. Ruhnke	11-182-61
11/6/61	Graph - Days after Oral Fe59 vs. Whole	Dr.Price		
	Body activity.	Medical	H. Ruhnke	11-183-61 thru
				11-184-61
10/23/61	Brain A-158	Dr.Calvo Medical	M. Rosen	11-185-61 thru
				11-207-61
10/16/61	Oxide masked silicone P-N junction (Internegative) detector.	L.Miller Instr.	D. Humphrey	CM11-208-61
11/3/61	Sign - Have you checked your valuables	G.Sabine		
	with attendant?	Personnel	H. Ruhnke	11-209-61
10/31/61	Copy of Lantern Slide Original:	Sparrow		
	X-Ray aberrations	Biology	D.Humphrey	11-210-61
	Trilliumgrandiflorun NN 261 PGA			11-211-61
	The N.N. 1-151			11-212-61
	Book Original - Scientific American Sept. 1959			
	Schematic - page 96			11-213-61
	" page 100			11-214-61
	Graph - page 120			11-215-61
	" page 120			11-216-61
	" page 120			11-217-61
	" page 188			11-218-61
	" page 220			11-219-61
	" page 220			11-220-61

Date	Caption	Dept.	Photographer	Number
11/6/61	Book Original - Diagram of the chromonema coiling cycle through mitosis, etc.	Sparrow Biology	H. Ruhnke	11-221-61
11/6/61	Graph	Dr. Conard Medical	H. Ruhnke	11-222-61 thru 11-225-61
11/6/61	Book Original - Graph The electron spectrum for isotopic muon decay is shown for several values of the mass of the muon's neutrino.	Goldhaber Directors	H. Ruhnke	11-226-61
11/6/61	Copy from Picture - Kwashiorkor Silicosis	Lippincott Medical	H. Ruhnke	11-227-61 thru 11-231-61 11-232-61 thru 11-234-61
11/1/61	Skin flap - pig (1)	Archambeau Medical	R. Walton	11-235-61 thru C11- 235-61 th 11-238-61 C11-238-61
11/3/61	Graph - Particles - Antiparticles	C. Swartz Cosmotron	D. Humphrey	CN11-239-61
11/2/61	AGS Extension progress Sub-Station Construction 80" Bubble Chamber Construction Progress	D. Brown Stone/Webster	M. Rosen	11-240-61 11-241-61 thru 11-243- 61
11/3/61	Developing rack	B. Lacy HP	R. Walton	11-244- 61 th 11-245-61
11/2/61	Gamma woods (1)	Woodwell Biology	R. Walton	11-246-61 thru C11- 246-61 th 11-249-61 C11-249-61
11/3/61	Graphite plug	Klamut Nuc. Eng.	R. Walton	11-250-61
11/1/61	Electronic counting equipment	K. Young Cosmotron	R. Walton	11-251-61 thru 11-254-61

Date	Caption	Dept.	Photographer	Number
11/7/61	Kwashiokor - Fatty Liver Kwashiokor - Oedema (Internegatives)	Lippincott Medical	H. Maile	CN11-255-61 CN11-256-61
11/7/61	Co 60 Pool - copied from 35mm slide Internegative	Varela NED	H. Maile	CN11-257-61
11/8/61	Photo of Los Angles Smog copy from Scientific America Oct.'61	Puleston Public Info.	H. Ruhnke	11-258-61
11/7/61	Progress photo of Loop	E.Tuthill Nuc.En.g	R. Walton	11-259-61
11/7/61	Vacuum tanks	J.Kline Nuc.Eng.	R. Walton	11-260-61 thru 11-261-61
11/8/61	Book Original - Typical picture of an event, etc.	Goldhaber Directors	H. Ruhnke	11-262-61
11/8/61	Schematic - Utilization of Cosmotron Time.	E.Heins Cosmotron	H. Ruhnke	11-263-61
11/8/61	Schematic - Evidence for multistranded chromosome.	Singelton Biology	H. Ruhnke	11-264-61
11/2/61	Ruptured Heart - Pig	Archambeau Medical	R. Walton	C11-265-61 thru C11-267-61
11/8/61	Graph	Augustine Biology	H. Ruhnke	11-268-61
11/9/61	Graph Schematic Typed Table	Coppens Chemistry	H. Ruhnke	11-269-61 11-270-61 thru 11-271-61 11-272-61 thru 11-273-61
10/31/61	Spark Chamber Photograph	M.Schwartz Cosmotron	M. Schwartz	11-274-61

Date	Caption	Dept.	Photographer	Number
11/9/61	Typed Table	Pickart Physics	H. Ruhnke	11-275-61
11/9/61	Typed Table	J. Reilly NED	H. Ruhnke	11-276-61 thru 11-277-61
11/2/61	Art Exhibit	Mrs. Kuper Admin.	J. Garfield	11-278-61 thru 11-279-61
11/9/61	Binary data	E. Hart Physics	H. Maile	11-280-61
11/1/61	Dupe of 16mm color film	T. Coppola Reactor	R. F. Smith	11-281-61 thru 11-286-61
10/31/61	Beam # 2 Equipment Cosmotron	H. Thomas Cosmotron	M. Rosen	11- 287-61 thr 11-289-61
10/31/61	Beam # 4 Equipment Cosmotron	M. McCrum Cosmotron	M. Rosen	11-290-61 thru 11-292-61
11/7/61	Pm chromosomes Phase of stained slide 1000X Pm chromosomes 1000X	A. Haque Biology	R. F. Smith	11-293-61 11-294-61
11/7/61	Pm of chromosomes 1000X Pm of chromosomes 400X	Dr. Sparrow Biology	R. F. Smith	11-295-61 thru 11-299-61 11-300-61
11/9/61	Graph - Atomic Number Book Orig. Composite RADIOGRAPH - JAPANESE PAINTING	E. Sayre Chemistry	H. Ruhnke	11-301-61 11- 302-61 thru 11-303-61
11/10/61	Copy from Orig. - Boiling Hg Thermal convection loop heater & thermocouple locations. Schematic	T. Romano Metallurgy	H. Ruhnke	11-304-61 11-305-61
11/10/61	Typed Table	P. Coppens Chemistry	H. Ruhnke	11-306-61

Date	Caption	Dept.	Photographer	Number
11/10/61	Copy from Print - Catheter used for Arterial occulusion.	Dr. Bond Medical	H. Ruhnke	11-307-61
11/10/61	Copy of Photo Roll 5B-2 Frame 251567	M. Burns Physics	H. Ruhnke	11-308-61
11/10/61	Graph - C.M. Neutron Momentum Bev/C	P. Cosier Physics	H. Ruhnke	11-309-61
	Graph			11-310-61 thru 11-311-61
11/10/61	Graph	P. Cosier Physics	H. Ruhnke	11-312-61 thru 11-326-61
~~11/10/61~~ 11/9/61	Capsule Test Equipment	A. Romano Metallurgy	M. Rosen	CN11-327-61 thr CN11-328-61
11/9/61	Fe55 Radiographic set, printing frame	E. Sayre Chemistry	R. Walton	11-329-61
11/7/61	Duct in Ground	F. Good ABC	M. Rosen	11-330-61
11/13/61	Graph	C. Porter Nuc. Eng.	H. Ruhnke	11-331-61
11/13/61	Schematic - Dissolution of a solid metal into a liquid metal.	J. Weeks Nuc. Eng.	H. Ruhnke	11-332-61
11/13/61	Typed Table	M. Goldhaber Physics	H. Ruhnke	11-333-61
11/13/61	Graph - Charge distribution	Goldhaber Directors	H. Ruhnke	11-334-61
11/13/61	Graph - Book Original	L. Yuan Physics	H. Ruhnke	11-335-61 thru 11-338-61
	Schematic - Book Original			11-339-61 thru 11 -341-61
	Book Orig. - Outline of the experimental study program.			11-342-61
	" " Particle detection & identification			11-343-61
	" " Beam separation.			11-344-61

Date	Caption	Dept.	Photographer	Number
11/13/61	Graph	Robinson Physics	H.Ruhnke	11-345-61 thru 11- 354- 61
11/14/61	Graph - Mass differences given in Mev	Goldhaber Directors	H.Ruhnke	11-355-61
11/10/61	Pm path 80X # 1 (2 each)	Dr.Calvo Medical	R.F.Smith	11-356-61 C11-356-61
	250X 2			11-357-61 C11-357-61
	250X 3			11-358-61 C11-358-61
	250X 4			11-359-61 C11-359-61
	250X 5			11-360-61 C11-360-61
	250X 6			11-361-61 C11-361-61
	250X 7			11-362-61 C11-362-61
	100X 8			11-363-61 C11-363-61
	80X 9			11-364-61 C11-364-61
	80X 10			11-365-61 C11-365-61
	80X 11			11-366-61 C11-366-61
	80X 12			11-367-61 C11-367-61
	250X 13			11-368-61 C11-368-61
	300X 14			11-369-61 C11-369-61
	300X 15			11-370-61 C11-370-61
	120X 16			11-371-61 C11-371-61
	320X 17			11-372-61 C11-372-61
	320X 18			11-373-61 C11-373-61
	120X 19			11-374-61 C11-374-61
	120X 20			11-375-61 C11-375-61
11/14/61	Copy from original	J.Weeks Metallurgy	H.Ruhnke	11-376-61 thru 11-378-61
	Graph: Maximum sodium temp. 1500°F, etc.			11-379-61
	Graph - Loops operated with 1500°F hot legs, etc.			11-380-61
11/9/61	Capsule Test Equipment	A.Romano Metallurgy	M. Rosen	11-381-61 thru 11-385-61
11/14/61	Copy from Polaroid Print	A.Wright Physics	H.Ruhnke	11-386-61 thru 11 -401-61

Date	Caption	Dept.	Photographer	Number
11/14/61	Graph	Goldhaber Directors	H. Ruhnke	11-40 2-61
11/10/61	Pm of Chromosomes 1000X	Dr.Sparrow Biology	R.F.Smith	11-403-61 thru 11-404-61
11/14/61	Graph - (Formula)	Lindenbaum Physics	K. Meyn	11-405-61 thru 11-406-61
	Composite Graph - Figures 1 & 5			11-407-61
11/15/61	Graph	Robinson Physics	H.Ruhnke	11-408-61
	Graph - Composite			11-409-61
11/15/61	Copy of Photo: Roll 71-A-3 Frame:06995	M.Burns Physics	H.Ruhnke	11-410-61
11/8/61	Columbia Cocktail Party for successful testing of 30" Hydrogen Chamber	J.Ferrer Physics	J.Ferrer	11-411-61 thru 11-415-61
11/15/61	Copy from Original Print	Lippincott Medical	H.Ruhnke	11-416-61 thru 11-417-61
11/13/61	Installing source in Gamma woods	Woodwell Biology	R. Walton	11-418-61 thru 11-430-61
11/7/61	NaK Loop Progress	Scarlett Nuc.Eng.	M. Rosen	11-431-61 thru 11-432-61
11/15/61	Graph - Months post exposure	V.Bond Medical	H.Ruhnke	11-433-61
11/15/61	Schematic	E.MacDougall Cosmotron	H.Ruhnke	11-434-61
11/15/61	Composite Graph - 11-405-61 & 11-406-61	Lindenbaum Physics	K.Meyn	11-435-61
11/15/61	Typed Table	Strickland	H.Ruhnke	11-436-61
	" " - Dissolution ofreactor fuel material in NO2-HF solution.	NED		11-437-61
	" " - Fission product element behavior in 20 M% NO2-80 M% HF solution.			11-438-61

Date	Caption	Dept.	Photographer	Number
11/15/61	Graph	Robinson Physics	H.Ruhnke	11-439-61
11/8/61	Pig - after skin flap operation (1)	Archambeau Medical	R. Walton	11-440-61 thru C11-440-61 thru 11-441-61 C11-441-61
11/16/61	Copy of Photo: Roll # 41-D-1 Frame ?	M.Burns Physics	H.Ruhnke	11-442-61
11/16/61	Copy of Photo: Roll #14-A4 Frame 263917	M.Burns Physics	H.Ruhnke	11-443-61
11/16/61	Graph - Relative Velocity (mm/sec)	O.Kistner Physics	H.Ruhnke	11-444-61
11/16/61	Typed Table	R.Schermer Physics	H.Ruhnke	11- 445-61 thr 11-449-61
11/16/61	Graph - Cumulative Mass Distribution	M.Smith Meteorology	H.Ruhnke	11-450-61
11/16/61	Graph - Coil Current Setting	Warburton Physics	H.Ruhnke	delete ~~11-451-61 thru~~ 11-452-61
11/10/61	Aribodopsis in Test Tubes (1)	Dr.Brown Biology	M. Rosen	11-453-61 thru C11-453-61 thru 11-456-61 C11-456-61
11/10/61	Neutron Spectrometer	F.Langdon Reactor	M. Rosen	11-457-61 thru 11-459-61
11/17/61	Table - SM150	H.Marshak Physics	H.Ruhnke	11-460-61
11/17/61	Curve - Neutron c/MIN x 10-3 vs. mg H/ml	E.Yellin Nuc.Eng.	H.Ruhnke	11-461-61
11/10/61	Neutron Spectrometer	F.Langdon Reactor	M.Rosen	11-462-61
11/17/61	Graph - % of mitotable myclocytic cells labeled 6 hrs. after graded doses of total body radiation.	V.Bond Medical	H. Ruhnke	11-463-61

Date	Caption	Dept.	Photographer	Number
11/17/61	Graph - % of labeled myclocytic mitotable cells after 600 r, etc.	V.Bond Medical	H.Ruhnke	11-464-61
	" Absolute # of each type of labeled myclocytic cells, etc.			11-465-61
	" Labeled cells in peripheral blood after 600 r total - body irradiation with 1 leg shielded.			11-466-61
	" Mean grain count over mitotable myclocytic cells after 600 r irradiation with 1 leg shielded.			11-467-61
11/17/61	Curve - Measurement of the effect of room return to the empty closed boral box.	Starr Nuc.Eng.	H.Ruhnke	11-468-61
	" Exponential measured diffusion length vs. volume ratio.			11-469-61
	" Spacial harmonies for various positions with source inside moderator.			11-470-61
	" Effect of energy harmonies with decay for original data.			11-471-61
	" Spacial harmonics for various positions w/source outside moderator.			11-472-61
11/17/61	Typed Table	G.Starr NED	H.Ruhnke	11-473-61 thru 11-478-61
11/17/61	Graph	V.Sailor Physics	H.Ruhnke	11-479-61
11/17/61	Typed Table - Dose Rate Study	Bateman Medical	H.Ruhnke	11-480-61
11/17/61	Graph - Dose rate dependence of early effects in small mammals.	Bateman Medical	H.Ruhnke	11-481-61
11/17/61	Curve - fn (Nuclear Polarization)	V.Sailor Physics	H.Ruhnke	11-482-61
	" Hysteresis in Holmium Metal.			11-483-61
	" Resolution correction			11-484-61

Date	Caption	Dept.	Photographer	Number
11/13/61	Mutant cells on flower petal 80X	Dr.Sparrow	R.F.Smith	CN11-485-61 th
				CN11-486-61
	200X			CN11-487-61
11/14/61	Hi Level Radiation Lab.	Huszagh Nuc.Eng.	Walton/Rosen	11-488-61 thru
				11-499-61
11/20/61	Graph	A.Damask Physics	H.Ruhnke	11-500-61
11/20/61	Graph - Numbef of labeled cells/ square millimeter of heart tissue.	Spraragen Medical	H.Ruhnke	11-501-61
11/20/61	Schematic - Scheme to derive flying spot.	M.Burns Physics	H.Ruhnke	11-502-61
	Copy from Polaroid Picture Shot 1:1			11-503-61
	Copy from original			11-504-61
11/16/61	Chart in Theater (Dr.Goldhaber Lecture)	Goldhaber Dir. Off.	M.Rosen	11-505-61
11/20/61	80" Bubble Chamber Assembly	B.Cooper Elliot Co.	B.Cooper	11-506-61 thru
				11-516-61
11/14/61	Autopsy # 162 (1)	Lippincott Medical	R. Walton	11-517-61 thru C11-517-61 thru 11-520-61 C11-520-61
11/14/61	Dog Autopsy (1)	Dr.Bond Medical	R. Walton	11-521-61 thru C11-521-61 thru 11-522-61 C11-522-61
11/14/61	Dog 721 (1)	Archambeau Medical	R. Walton	11-523-61 thru C11-523-61 thru 11-524-61 C11-524-61
11/20/61	NaK Loop Progress	Scarlett Nuc.Eng.	M. Rosen	11-525-61 thru
				11-526-61
11/15/61	Capsule Test Expt.	A.Romano Metallurgy	M. Rosen	11-527-61

Date	Caption	Dept.	Photographer	Number
11/21/61	Typed Table	Marshak Physics	H.Ruhnke	11-528-61 thru 11-535-61
11/21/61	Graph	Robinson Physics	H.Ruhnke	11-536- 61
11/21/61	Graph - # of months post exposure " Months post final exposure	V.Bond Medical	H.Ruhnke	11-537- 61 11-538-61
11/21/61	Curve - Comparison of decay data for B = .0133 " Stack size 29.6cm x 39.4 cm x 59.1 cm Schematic - Pulsing system for Van de Graff generator.	Starr NED	H.Ruhnke	11-539-61 11-540-61 thru 11-541-61 11-542-61
11/21/61	Curve - Platelet Distribution Graph - Upper Threshold " Actual count x 10-3 per 50 Co mm (Based on dilution) " Lower threshold	C.Sipe Medical	H.Ruhnke	11-543-61 11-544-61 11-545-61 11-546-61
11/21/61	Curve - Fig.1 No. of 10B Atoms " Fig.2 " " " " Fig.3 " " " " Fig. 4 " " " " Fig.5 " " " " Fig.6 " " "	Fillman Nuc.Eng.	H.Ruhnke	11-547-61 11-548-61 11-549-61 11-550-61 11-551-61 11-552-61
11/15/61	Harleton target	R.Davis Chemistry	R. Walton	11-553-61
11/16/61	Beam # 3 - Cosmotron Experiment #60-10A Walker-U of Wisc.	Lypecky Cosmotron	M.Rosen	11-554-61 thru 11-562-61
11/22/61	Curve	M.Burns Physics	H.Ruhnke	11- 563-61 thru 11-568-61

Date	Caption	Dept.	Photographer	Number
11/22/61	Schematic - Superconducting electromagnet	M.Burns	H.Ruhnke	11-569-61
	" 100 Kilogauss water-cooled	Physics		
	electromagnet.			11-570-61
	" Spiral-ribbon magnet coil, etc.			11-571-61
11/22/61	Graph - Hc in Kilogauss	M.Burns	H.Ruhnke	11-572-61
	" Critical coil current vs. days	Physics		
	of operation.			11-573-61
	" Transverse			11-574-61
	" Time in years.			11-575-61 thru
				11-576-61
	" Internal radius of the coil in			
	centimeters.			11-577- 61 thr
				11-578-61
	" Critical current density, etc.			11-579-61 thru
				11-580-61
11/21/61	Internal shot of Linac drift tubes	R.Abbott	R. Abbott	11-581-61 thru
	with beam on.	AGS		11-585-61
11/14/61	Hot Cell	M.Loffelholz Nuc.Eng.	R. Walton	11-586-61 thr
				11-589-61
11/22/61	Graph - Effect of iodination on the			
	binding capacity of arsenic	Koshland		
	antibody.	Biology	H.Ruhnke	11590-61
	" Effect of iodination on binding			
	of Ammonium antibody.			11-591-61 thru
				11-592-61
11/22/61	Schematic - Cell for H2 & H2, etc.	Carlson	H.Ruhnke	11-593- 61
	" Cells for H3 (a) elipses	Metallurgy		
	rotated about a-b-c axis			
	are cells (b), etc.			11-594-61
	Typed Table - Disociation energy of H2			
	& H2 for R=2.00 Bohr Radii			11-595-61

Date	Caption	Dept.	Photographer	Number
11/22/61	Typed Table - Normal sources of Sodium Loss.	Dr.Dahl Medical	H.Ruhnke	11-596-61
	" " Obligatory Daily Sodium Losses.			11-597-61
11/22/61	Typed Table - No. of Tyrosyl residues at active site.	Koshland Biology	H.Ruhnke	11-598-61
	" " Amino acid content of 2 different antibodies.			11-599-61
11/20/61	Pollen collection equipment	G.Raynor Meteorology	R. Walton	11-600-61 thr 11-607- 61
	Pollen collection instruments			11-608-61 thr 11-609-61
11/61	Pouring of 80" Bubble Chamber body at Esco Co. Portland, Oregon	B.Fowler Physics		11-610-61 thr 11-663-61
11/21/61	Analyzer for Hough-Powell Digitizer	M.Burns Physics	M.Rosen	11-664-61
11/16/61	Nanocard Unit	Sugarman Instr.	M.Rosen	11-665-61 thru 11-666-61
11/28/61	Schematic - Cell arrangements for various lattices. The repeating unit is shown for each case,etc.	C.Carlson Nuc.Eng.	H.Ruhnke	11-667-61
11/28/61	Graph - Time (HRS) after estradiol injection.	Perroha Biology	H.Ruhnke	11-668-61 thru 11-670-61
11/28/61	Graph - Graphite - Bismuth 4:1	Starr Nuc.Eng.	H.Ruhnke	11- 671-61
	" Values of DV as max. B2 points are successively dropped.			11-672-61
11/28/61	Typed Table - Predisposing factors	Lippincott Medical	H.Ruhnke	11-673-61
	" " E. Incidence lung carcinoma in relation to service.			11-674-61

Date	Caption	Dept.	Photographer	Number
11/28/61	Typed Table - 3. Types: Predisposing types of cirrhosis are post necrotic & septal B and to a lesser extent septal A.	Lippincott Medical	H.Ruhnke	11-675-61
11/28/61	Graph - Systolic Blood measure.	Dr.Dahl Medical	H.Ruhnke	11-676-61
	Schematic - Effect of inbreeding on developing of hypertension from salt feeding in male rats.			11-677-61
	" Effect of inbreeding on ~~on~~ developing of hypertension from salt feeding in female rats.			11-678-61
11/28/61	Curve - Comparison of SiO2 & stainless steel bed material.	J.Reilly Nuc.Eng.	H.Ruhnke	11-679-61
11/28/61	Process flow diagram Zircaloy Clad Zr-U alloy fuels.	J.Reilly Nuc.Eng.	H.Ruhnke	C11-680-61
11/21/61	Progress at Elliott Co. - Ridgway, Pa.	M.Burns Physics	J.Hamush	11-681-61 thru 11-686-61
11/29/61	Curve Graph - (Formula)	Yamanouchi Physics	H.Ruhnke	11-687-61
11/22/61	Patient injection apparatus	Easterday Medical	R. Walton	11-688-61 thru 11-693-61
11/27/61	PM Path #1, 80X (2(	Dr. Calvo Medica.	R.F.Smith	11-694-61 C11-694-61
11/27/61	PM Path #2, 200X (2)	"	"	11-695-61 C11-695-61
11/27/61	PM Path #3, 80X	"	"	11-696-61 C 11-696-61

Date	Caption	Dept.	Photographer	Number
11/27/61	PM Path, # 4, 200X (2)	Dr. Calvo	R.F.Smith	11-697-61 C11-697-61
	# 5, 80X (2)	Medical		11-698-61 C11-698-61
	# 6, 200X (2)			11-699-61 C11-699-61
11/22/61	Nanocard Unit	J.Hallock Instr.	M.Rosen	11-700-61 thru 11-702-61

December

Date	Caption	Dept.	Photographer	Number
11/22/61	Filament - Hi Temp. X-ray diffraction Camera.	J.Farber Nuc.Eng.	M.Rosen	12-1-61
11/28/61	Volatility Studies Lab. Progress	D.Moore	M.Rosen	12-2-61
	Hi Level Rad. Lab. Progress	AEC		12-3-61
	Critical Facility Extension Progress			12-4-61
	Physics Building Progress			12-5-61 thru 12-6-61
	Visiting Scientist Quarters Progress			12-7-61 thru 12-9-61
11/28/61	AGS Extension Sub-Station Progress	D.Brown	M.Rosen	12-10-61
	80" Bubble Chamber Prog ress	Stone/Webster		12-11-61 thru 12-13-61
11/30/61	Graph - 1/T x 103	A.Damask	H.Ruhnke	12-14-61
	Curve - Quenched from 900 C - Annealed at 40C	Physics		12-15- 61
	Curve - Time (Min.)			12-16-61
11/30/61	Graph	F.Salart Physics	H.Ruhnke	12-17-61 thru 12-45-61
11/17/61	Portrait - Dr.Cronkite	Dr.Cronkite Medical	M.Rosen	12-46-61
11/20/61	Pig- skin flap progress (1)	Archambeau Medical	R. Walton	12-47-61 thru C12-47-61 thru 12-48-61 C12-48-61
11/21/61	Unit # 80289 (1)	Archambeau Medical	R. Walton	12-49-61 C12-49-61
11/21/61	Tobacco seedlings (1)	Brown Biology	R. Walton	12-50-61 thru C12-50-61 thru 12-55- 61 C12-55-61
2/1/61	Schematic	C.Wick Physics	H.Ruhnke	12-56-61 thru 12-60-61
11/16/61/	Scanners	M.Burns Physics	R.F.Smith	CN12-61-61 thru CN12-62-61

Date	Caption	Dept.	Photographer	Number
12/1/61	Curve	Mollenauer Chemistry	H.Ruhnke	12-63-61 thru 12-66-61
	Curve - By (Mev)			12-67-61 thru 12-68-61
12/1/61	Schematic - Fig.1 - Simple Linde cycle	J.Jensen Physics	H.Ruhnke	12-69-61
	" Fig.2 - Claude cycle			12-70-61
	" Fig.3 - Dual pressure cycle			12-71-61
	" Fig.4 - Dual pressure cycle with engine.			12-72-61
	" Fig.5 - Helium-hydrogen condensing cycle.			12-73-61
12/1/61	Graph	E.Salant Physics	H.Ruhnke	12-74-61 thru 12-75-61
12/1/61	Graph	E.Salant Physics	H.Ruhnke	12-76-61 thru 12-77-61
12/1/61	Typed Table - Table VII Tabulation of diffussion parameters at 22C	G.Starr NED	H.Ruhnke	12-78-61
12/1/61	Curve	Smillie Biology	H.Ruhnke	12-79-61 thru 12-81- 61
~~11/17/61~~ 11/17/61	30" Chamber	J.Ferrer Physics	J.Ferrer	12-82-61 thru 12-109-61
12/4/61	Curve - Tensile strength	J.Garron Physics	H.Ruhnke	12-110-61
	" Carnot cycle work for refrigeration, etc.			12-111-61
	" Thermal expansion of glass			12-112-61
	" Thermal expansion of metals			12-113-61
	" Thermal expansion of plastics			12-114-61
	" Yield strength			12-115-61
	Graph - Important temp. of 5 cryogenic fluids.			12-116-61

Date	Caption	Dept.	Photographer	Number
11/28/61	Rat blood pressure apparatus	Dr. Dahl Medical	R. Walton	12-117-61
12/4/61	Fig. 2 thru 7	D. Koshland Biology	H. Ruhnke	12-118-61 thr 12-123-61
12/4/61	Graph: Photooxidation Time in Minutes	"	"	12-124-61
12/4/61	Typed Table (Book orig)	E. Tuthill Nuc. Eng.	H. Ruhnke	12-125-61 thru 12-127-61
12/4/61	Schematic (Book orig)	"	"	12-128-61
12/1/61	Schematic (book orig.)	W. Prensky Biology	H. Ruhnke	12-129-61
12/1/61	Typed Table (book orig.)	"	"	12-130-61 thr 12-161-61
12/1/61	Graph	"	"	12-162-61 thr 12-173-61
12/4/61	Typed Table	D. Koshland Biology	H. Ruhnke	12-174-61
12/4/61	Schematic	E. Church Physics	H. Ruhnke	12-175-61
12/4/61	Typed Table - Figure 1 " " Figure 2	Meetz Physics	H. Ruhnke	12-176-61 12-177-61
12/1/61	Graph	E. Salant Physics	H. Ruhnke	12-178-61 thru 12-188-61
12/4/61	Pm of nuclear event in photographic plate	Hornbostle Physics	R. F. Smith	12-189-61
11/30/61	80" Bubble Chamber Ridgway, Pa.	M. Burns Physics	R. Cooper	12-190-61 thru 12-192-61

Date	Caption	Dept.	Photographer	Number
11/29/61	Unit # 80285R (2)	Dr.Lippincott Medical	R. Walton	12-193-61 C12-193-61
11/29/61	Unit # 80319R (2)	Lippincott Medical	R. Walton	12-194-61 C12-194-61
11/27/61	Mice	Carsten Biology/Instr.	R. Walton	12-195-61
12/5/61	Schematic - Figure 3	K.Meetz Physics	H.Ruhnke	12-196-61
12/5/61	Graph - Average neutron velocity as a fraction of buckling.	G.Starr Nuc.Eng.	H.Ruhnke	12-197-61
12/5/61	Graph - Ratio vs. Time " Change of average velocity as a function of time.	G.Starr Nuc.Eng.	H.Ruhnke	12-198-61 12-199-61
12/5/61	Typed Table - Table II - Clinical & experimental conditions of C14 studies.	W.Shreeve Medical	H.Ruhnke	12-200-61
11/21/61	Mice & container	Dr.Clode Medical	M.Rosen	12-201-61 thru 12-209-61
11/28/61	Technician from Greece - Constantine Goulianos	D.Pulestone Pub.Info.	M.Rosen	12-210-61 thru 12-213-61
11/30/61	Metallurgical Society Banquet	J.Weeks Nuc.Eng.	Humphrey-Rosen	12-214-61 thru 12-215-61
12/30/61	Guest speakers at Metallurgical Society Conference. Metallurgical Society visits BNL's Metallurgy Hot Cell.	J.Weeks Nuc.Eng.	D.Humphrey	12-216-61 12-217-61 thru 12-218-61
12/5/61	Graph - Some common patterns of blood pressure response in rats chronically fed excess salt (NaCl)	Dr.Dahl Medical	H.Ruhnke	12-219-61

Date	Caption	Dept.	Photographer	Number
12/5/61	Copy from Original - Figure 6	P.Hough	H.Ruhnke	12-220-61
	Schematic - Figure 2	Physics		12-221-61
	" Figure 3			12-222-61
	" Figure 5			12-223-61
	Curve - Figure 7			12-224-61
	" Figure 8 - Projection microscope			12-225-61
	" Figure 4 - The point at 10° is an upper limit rather than a best value since the machine may not have been correctly adjusted.			12-226-61
11/27/61	Cosmotron Equipment (Piccioni Expt.)	McCrum Cosmotron	M.Rosen	12-227-61 thru 12-229-61
	Cosmotron Equipment External Beams #1,2,3			12-230-61 thru 12-241-61
11/21/61	Neutrino Spark Chamber	P.Hodor Physics	M.Rosen	12-242-61 thru 12-243-61
12/1/61	Curve - Modification of Chymotrypsin by H2O2	D.Koshland Biology	H.Ruhnke	12-244-61
	" Inactivation of Chymotrypsin by H2O2			12-245-61
12/5/61	Mercury Loop	F.Thompson Metallurgy	R. Walton	12-246-61 thr 12-253-61
12/5/61	Loop	T.Ingraham Metallurgy	R. Walton	12-254-61 thru 12-256-61
11/28/61	Pm Autograph Control no grains	C.Perrotta Biology	R.F.Smith	12-257-61 C12-257-61
	Pm Autograph 1-1 100X (2)			12-258-61 C12-258-61
	1-2 100X (2)			12-259-61 C12-259-61
	1-3 100X (2)			12-260-61 C12-260-61
	1-4 252X (2)			12-261-61 C12-261-61
	1-6 252X (2)			12-262-61 C12-262-61
	2-1 252X (2)			12-263-61 C12-263-61
	2-2 252X (2)			

Date	Caption	Dept.	Photographer	Number
11/28/61	Pm Autograph 2-3 252X (2) 2-4 252X (2)	C.Perrotta Biology	R.F.Smith	12-264-61 C12-264-61 12-265-61 C12-265-61
12/5/61	Curve - Figure 1 Graph - Figure 2 Curve Model Curve - Figure 3	S.Purohit Nuc.Eng.	H.Ruhnke	12-266-61 12-267-61 12-268-61
11/28/61	Pm Autograph 252X (2)	C.Perrotta Biology	R.F.Smith	C12-269-61
12/4/61	Cambridge Bubble Chamber	McLaughlin Cosmotron	M.Rosen	12-270-61 thru 12-272-61
12/5/61	Copy from Orig. Radiograph Shot 1:1 Copy from Diffraction Strips	E.Sayre Chemistry	H.Ruhnke	12-273-61 thru 12-274-61 12-275-61
11/29/61	Perkin & Elmer	H.Courtney Physics	R. Walton	12-276-61 thru 12-282-61
11/28/61	Glass container Glass container for rings & sample Glass container with sample in place Plastic rings	Loffelholz Nuc.Eng.	R.F.Smith	12-283-61 12-284-61 12-285-61 12-286-61
12/6/61	Graph Graph - Wavelength in thousands of angstroms.	Augenstine Biology	H.Ruhnke	12-287-61 thru 12-288-61 12-289-61 thru 12-292-61
12/6/61	Typed Table - Theoretical explanations for observations indicating that hypertensions have a prolonged biological half-life for Na22.	Dr.Dahl Medical	H.Ruhnke	12-293-61
12/6/61	Typed Table - Effect of low salt diet (for 4 months) on blood pressure.	Dr.Dahl Medical	H.Ruhnke	12-294-61

Date	Caption	Dept.	Photographer	Number
12/6/61	Line Scale	M. Burns Physics	H. Maile	12-295-61
12/6/61	Schematic - Hg Solubility capsule	J. Weeks Nuc. Eng.	H. Ruhnke	12-296-61
12/6/61	Graph - Actual count x 10 -3 per 50 cu mm (based on dilution)	C. Sipe Medical	H. Ruhnke	12-297-61
12/4/61	Cambridge Bubble Chamber	McLaughlin Cosmotron	M. Rosen	CN12-298-61 thr CN12-300-61
12/6/61	Graph - Typical plots of thermoelectric power for UO 2+x.	S. Aronson Nuc. Eng.	H. Ruhnke	12-301-61
	" Comparison of the thermoelectric power data with equation2.			12-302-61
	" Typical plots of Log σt vs. 1/t for UO 2+x.			12-303-61
	" Comparison of the conductivity data at 700C and 1100C with equation 1.			12-304-61
	" Comparison of data on the phase relationships in the UO2 - U4O9 region.			12-305-61
	Schematic - Schematic of thermoelectric power cell.			12-306-61
12/6/61	Copy of 35 Kodachrome from Cern	W. Fowler Physics	H. Maile	12-307-61
12/7/61	Copy of Photomicrograph	Fleitmann Metallurgy	H. Ruhnke	12-308-61
12/7/61	Curve	J. Felberbaum Nuc. Eng.	H. Ruhnke	12-309-61 thru 12-312-61
12/5/61	80" Bubble Chamber assembly at Ridgway, Pa.	VanDervoort Physics	B. Cooper	12-313-61
12/7/61	Graph - Relationship between critical mass & composition of bare, spherical thermal reactors, etc.	Steinberg Nuc. Eng.	H. Ruhnke	12-314-61

Date	Caption	Dept.	Photographer	Number
12/7/61	Curve - Single source rod combined vessel & cell efficiency.	Steinberg Nuc.Eng.	H.Ruhnke	12-315-61
12/7/61	Bubble Chamber events 110-13702	C.Schwartz	H.Ruhnke	12-316-61
	" " " 06686	Cosmotron		12-317-61
11/30/61	Pm chromosomes & autograph	W.Prensky Biology	R.F.Smith	12-318-61
12/6/61	Pm autograph # 1 480X	Dr.Tonna	R.F.Smith	12-319-61
	2 100X	Medical		12-320-61
	3 100X			12-321-61
	4 80X			12-322-61
	5 100X			12-323-61
	6 100X			12-324-61
	7 100X			12-325-61
	8 120X			12-326-61
	9 120X			12-327-61
	10 120X			12-328-61
	11 100X			12-329-61
	12 20X			12-330-61
	13 20X			12-331-61
12/8/61	Schematic - Sectional elevation -1000 kwt organic cooled - thermonuclear ~~reactor~~ reactor.	Steinberg Nuc.Eng.	H.Ruhnke	12-332-61
12/8/61	Schematic - Sodium distillation apparatus.	A.Romano Nuc.Eng.	H.Ruhnke	12-333-61
12/8/61	Curve - Velocity, CM/SEC	Kocher Physics	H.Ruhnke	12-334-61
12/8/61	Curve - Fig.1 Gap length in microns	G.Zorn	H. Ruhnke	12-335-61
	" Fig.2 Momentum in Mev/C	Physics		12-336-61
	Graph - Fig.3			12-337-61
	Curve - Fig.4			12-338-61

Date	Caption	Dept.	Photographer	Number
12/8/61	Curve	G. Starr	H. Ruhnke	12-339-61
	Typed Table - Tabulation of measured ratio.	NED		12-340-61
12/8/61	Schematic	L. Yuan	H. Ruhnke	12-341-61
	Curve	Physics		12-342-61
12/8/61	Schematic - Figure 1	G. Hummer	H. Ruhnke	12-343-61
	2	Physics		12-344-61
	3			12-345-61
	4			12-346-61
	5			12-347-61
	6			12-348-61
11/21/61	Remote controlled mirror	Huszagh	M. Rosen	12-349-61 thru
		Nuc. Eng.		12-352-61
	Mark II Leak detector			12-353-61 thru
				12-356-61
12/5/61	Monkey, showing paralysis of the hind section.	Dr. Innes	R. Walton	12-357-61 thru
		Biology		12-358-61
12/6/61	Pm uranium sphears 6.5X	G. Pancer	R. F. Smith	12-359-61
	Pm uranium sphears 9.5X	Nuc. Eng.		12-360-61
12/8/61	Typed Table - Corrosion data loop #127	A. Fleitman		
	carbon steel titanium, etc.	Meteorology	H. Ruhnke	12-361-61
	" " Hg "Capsule" Tests			
	miniature Quartz Loops.			12-362-61
	" " Boiling Mercury Loops			
	(Carbon steel)			12-363-61
	" " Boiling Mercury Loops (contd.)			12-364-61
	" " Mercury all liquid thermal			
	convection loops.			12-365-61
	" " Current liquid metal-metal			
	vapor corrosion studies.			12-366-61
	" " Boiling sodium reflux			
	capsule test.			12-367-61

Date	Caption	Dept.	Photographer	Number
12/8/61	Typed Table - Corrision data loop #125 Carbon steel uninhibit/ed, etc.	A. Fleitman Meteorology	H. Ruhnke	12-368-61
12/7/61	Loop	Ingraham Metallurgy	M. Rosen	12-369-61
12/8/61	Copy of Bubble Chamber Slide	Puleston Dir.Off.	H. Ruhnke	12-370-61 thru 12-371-61
12/11/16	Curve - - (Formula)	Porile Chemistry	H. Maile	12-372-61 thru 12-374-61
12/11/61	Composite Graphs & Curves - Figs. 1-2-3-4	B. Orlowski Tech. Info.	H. Maile	12-375-61
	Copy of PMs Figs. 5-6-7-8			12-376-61
	" " Figs. 9-10-11			12-377-61
	" " Figs. 12-13			12-378-61
	" " Figs. 14-15			12-379-61
	" " Figs. 16-17-18-19			12-380-61
	" " Figure 20			12-381-61
12/7/61	Metal Samples - P-1234	J. Brandon Nuc. Eng.	M. Rosen	12-382-61
	UP-1234			CN12-382-61
	P-5678			12-383-61
	UP-5678			CN12-383-61
				12-384-61
				CN12-384-61
				12-385-61
				CN12-385-61
12/11/61	Typed group of names	Cotzias Medical	H. Maile	12-386-61 thru 12-387-61
12/11/61	Graph - Ratio of counts vs. Neutron Energy.	B. Mozer Physics	H. Maile	12-388-61
	" Neutron energy vs. Time of flight in microseconds.			12-389-61
12/11/61	Graph - Serum (total) cholesterol concentration in 65 Japanese farm laborers in Hiroshima prefecture.	Dr. Dahl Medical	H. Maile	12-390-61

Date	Caption	Dept.	Photographer	Number
12/8/61	Copy from "Cern" 35mm Kodachrome	B. Fowler Physics	H. Maile	CN12-391-61 th CN12-393-61
12/11/61	Line Drawing Plate XXVIII	Dr. Innes Biology	H. Maile	12-394-61
12/11/61	Curve - Mean length of primary roots, longest lateral vs. Dose in rads.	Quastler Biology	H. Maile	12-395-61
	" Cortex - Stele			12-396-61
	Graph - Rate of cell release vs. Flow rate.			12-397-61
	" Root length in cm from Apex at time of treatment.			12-398-61 thr 12-399-61
12/12/61	Copy from film original	W. Reams Nuc. Eng.	H. Maile	12-400-61 thr 12-401-61
1961	Painting # 1 Painting # 2	E. Sayre Chemistry		12-402-61 12-403-61
12/7/61	Irritated Flowers (3)	P. Black Biology	R. Walton	C12-404-61
12/13/61	Curve - (Formula)	L. Yuan Physics	H. Maile	12-405-61 thr 12-406-61
	Curve Graph - Dalita plot for 540SMMS600			12-407-61
12/13/61	Curve - Energy loss along the range of fission fragments in Argon at 1 ATM pressure.	Steinberg Nuc. Eng.	H. Maile	12-408-61
	" Ionization curve for Polonium Alpha rays in air at 15C & 76mm			12-409-61
	" Fig.2 - G-value variation with energy deposition rate (or distance) approximations.			12-410-61
	Schematic Diagram - Fission fragment chromonuclear reactor for conversion of CO2 to CO, etc.			12-411-61
	Schematic Diagram, n-y Chemonuclear Phenol process flowsheet.			12-412-61

Date	Caption	Dept.	Photographer	Number
12/12/61	Unit #80,323 (1)	Feinendegen Medical	R. Walton	12-413-61 thru C12-413-61 thru 12-416-61 C12-416-61
12/16/61	M.T.R. Capsule	G.Hrabak Reactor	M.Rosen	12-417-61 thru 12-418-61
12/8/61	80" Bubble Chamber see Neg # 12-443-61	Fowler Physics	M.Rosen	12-419-61 thru 12-420-61
12/6/61	Extra Corporeal Radiation of Calf Blood	Cronkite Medical	M.Rosen	12-421-61
12/6/61	Extra Corporeal Radiation of Calf Blood (2)	Cronkite Medical	M.Rosen	12-422-61 thru C12-422-61 thru 12-423-61 C12-423-61
12/13/61	Pasteup of PMs 4-5-6 50u 7-8-9 50u 10-11-12 35u	Perrotta Biology	H.Maile	12-424-61 12-425-61 12-426-61
12/11/61	Lung (3)	Robertson Medical	R. Walton	12-427-61 thru C12-427-61 thru 12-428-61 C12-428-61
12/15/61	Curve Graph - Dist. of men & women by Serum Cholesterol levels, etc.	Dr.Dahl Medical	H.Maile	12-429-61
12/15/61	vTyped Table - Causes of death in 151 patients diagnosed as having hypertension.	Dr.Dahl Medical	H.Maile	12-430-61
	" " Relative mortality rates among 6,218 hypertensive male Japanese applicants for life Insurance, etc.			12-431-61
	" " Major causes of death among hypertensive male Japanese life insurance applicants age 41 - 60 years.			12-432-61

Date	Caption	Dept.	Photographer	Number
12/15/61	Curve - Incidence of high grade coronary sclerosis in 10,000 consecutive autopsies: U.S. vs. Japan	Dr. Dahl Medical	H. Maile	12-433-61
	Graph - Comparison of death rates in 1953 by leading causes of death in Japan, U.S.A., England & Wales, & Netherlands.			12-434-61
12/15/61	Curve - (Formula)	Safford Physics	H. Maile	12-435-61 thr 12- 438-61
12/15/61	Curve Graph - (Formula)	P. Coppens Chemistry	H. Maile	12-439-61
12/13/61	Christmas Tree	J. Whitehead Bul. Board	R. Walton	12-440-61
12/14/61	Fishing contest winners.	Sabine Recreation	M. Rosen	12-441-61 thru 12-442-61
12/11/61	80" Hydrogen Bubble Chamber Safety Sphere See Neg # 12-419-6, 12-420-9	W. Fowler Physics	M. Rosen	CH12-443-61
12/13/61	Retirement Portrait - Fred Timpe - P.M.	K. Bason Personnel	M. Rosen	12-444-61
	W. Schmelz - Security			12-445-61
	M. Collins - Dir. Off.			12-446-61
	Mario LaRosa - PM			12-447-61
	O. Ingbretsen - PM			12-448-61
12/14/61	Annunciator system at Pile	D. Puleston Pub. Info.	R. Walton	12-449-61 thr 12-451-61
12/15/61	Typed Table - Partial Molar entropy of Solution.	S. Aronson Metallurgy	H. Maile	12-452-61
	" " Localized Electronic conductivity.			12-453-61
	" " Ionic model of VO2			12-454-61
	" " Thermoelectric power in UO 2+x			12-455-61
	" " Configurational energy			12-456-61

Date	Caption	Dept.	Photographer	Number
12/15/61	Typed Table - Partial Molar Entropy of Solution.	S.Aronson Metallurgy	H.Maile	12-457-61
	" " Thermoelectric power in UO_{2+x}			12-458-61
	" " Configurational Entropy			12-459-61
12/15/61	Graph - CM vs Range Ro of Proton in CH_4 at STP	Fairchild Medical	H.Maile	12-460-61
	" Efficiency vs. Neutron Energy			12-461-61
	Schematic - Perlow counter (to scale)			12-462-61
	" End Seals			12-463-61
	" Collimator			12-464-61
	" Circumference (formula)			12-465-61
12/18/61	Graph - Frequency of cells with given quadrivalent freq. vs. quadrivalent freq. within cells.	D.Shaver Biology	H.Maile	12-466-61
	Schematic Chart - The 10 possible types other than quadrivalent, & 10 possible quadrivalent types.			12-467-61
12/18/61	Graph 1 - Neutron - Gamma Partial body shielding parameters of radiation intensity.	Konikowski Medical	H.Maile	12-468-61
	Graph 2 - Biological characteristics (LO 50 determination)			12-469-61
	Graph 3 - Partial body neutron-gamma shielding evaluation.			12-470-61
12/15/61	Table - Book Original	Lippincott Medical	H.Maile	12-471-61 thru 12-491-61
	Graph - Book Original			12-492-61 thru 12-496-61
	Curve - Book Original			12-497-61 thru 12- 507-61
	Copy of ½ tone - Fig.1 - Book Orig.			12-508-61
	Fig.6-Control & Treated cells of Sarcoma 37 - Book Original			12-509-61

Date	Caption	Dept.	Photographer	Number
12/15/61	Fig.1 - Diagram showing relation of Tumor growth rate size & duration Book Original.	Lippincott Medical	H.Maile	12-510-61
	Fig.1 & 2 - Carcinoma of colon & rectum 5 yr. survival oath. Book Original			12-511-61
12/18/61	Graph - # of Events vs. Q +- (Bev)	Robinson Physics	A. Lasky	12-512-61
12/18/61	Graph - 65 from 200 at 20C	Cotter Physics	M.Maile	12-513-61
	" 65 from 200 at 200C			12-514-61
	" Pb at 20C 65 from 200			12-515-61
	" Pb at 300C 65 from 200			12-516-61
	" Pb at 200C 65 from 200			12-517-61
	" Pb at 330C Raw data			12-518-61
	" Pb at 335C Thick & thin sample data			12-519-61
	" Pb at 400C + 335C			12-520-61
	" Anharminic broadening, etc.			12-521-61
	" Counting rate vs. 40 Microsecond channels			12-522-61
12/18/61	Copy of Graphs - Scattered intensity per unit solid angle, etc.	M.Goldberg NED	A. Lasky	12-523-61
12/18/61	Copy of Polaroid Print	Tannenbaum Physics	A.Lasky	12-524-61
12/18/61	Composite Graph of # 12-345-61, 12-346-61, 12-347-61 & 12-348-61	Safford Physics	A.Lasky	12-525-61
12/18/61	Graph - Fig.1 - Stopping power approximations for fission fragments.	Steinberg Nuc.Eng.	A.Lasky	12-526-61
	" Fig.3 - Relative efficiency for an ordered array of infinite slabs.			12-527-61
	" Fig.8 - Dependence of relative efficiency on range in Gas,etc.			12-528-61
	" Fig. 10 - Relative efficiency for water - UO2 particles system.			12-529-61

Date	Caption	Dept.	Photographer	Number
12/18/61	Graph - Elastic scattering (905 Mev)	Cosier		
	# of events vs. X2	Physics	A. Lasky	12-530-61
	" # of events data vs. Cos			12-531-61
	" # of events vs. Coplanarity			12-532-61
	" # of events vs. Pp (Bev/c)			12-533-61
	" # of events vs. Qn (Mev)			12-534-61
	" # of events vs. Cos			12-535-61
	" # of events vs. P (Mev)			12-536-61
	" # of events vs. Cos an			12-537-61
	" # of events vs. Pp (Mev/c)			12-538-61
	" # of events vs. Pn (Mev/C)			12-539-61
	" # of events vs. Pn (Bev/c)			12-540-61
	" # of events (905 Mev) vs. X2			12-541-61
	" # of events vs. P (Mev)			12-542-61
12/19/61	Copy of Schematic - AGS East Experimental Area section A (#FA - 4 - 10/18/61)	B. Phillips R. Cool Physics	A. Lasky	12-543-61
12/19/61	Graph - Figures 1 thru 16	Weston Chemistry	A. Lasky	12-544-61 thru 12-559-61
12/19/61	Pm blood 200X	Schiffer	R. F. Smith	12-560-61
	125X	Medical		12-561-61
12/20/61	Copy of X-Ray	Robertson Medical	A. Lasky	12-562-61 thru 12-563-61
12/20/61	Pm Path	Dr. Calvo Medical	D. Humphrey	12-564-61 thru 12-569-61
12/21/61	Graph - Resolution Function	E. Hart	A. Lasky	12-570-61
	" Effective Mass M31 30 Mev intervals	Physics		12-571-61
	" CHI - Square Distributions			12-572-61
	" Effective Mass 209 Events & 295 Events			12-573-61
	" Effective Mass 209 Events			12-574-61
	" Effective Mass 295 Events			12-575-61

Date	Caption	Dept.	Photographer	Number
12/21/61	Graph - (Formula)	V.Sailor Physics	A.Lasky	12-576-61
12/19/61	Copy of Seating Diagram - Polo Grounds Lower Stand Boxes	G.Sabine BERA	A.Lasky	12-577-61
12/12/61	Nanocard Units & Rack Meter Holder	F.Merritt Instr.	M.Rosen	12-578-61 12-579-61
12/22/61	Composite of Graphs - 295 - 209 Events Graph - Effective Mass - 295 Events	Hart Physics	A. Lasky	12-580-61 12-581-61
12/18/61	Water Manifold for Magnet	J.Hennessy Cosmotron	M.Rosen	12-582-61 thru 12-586-61
12/21/61	Copy of Schematic Dwg. Details A & B	Cotzias Medical	A.Lasky	12-587-61
12/21/61	Graph - Pb at 335C counting rate vs. Channel Number. Schematic - Scattering surface Pb reciprocal lattice.	Cotter Physics	A.Lasky	12-588-61 12-589-61
12/21/61	Copy of a Print which was made from a copy neg. Identification #OA18129	S.Goudsmit Physics	A. Lasky	12-590-61
12/21/61	Graph - Fig. 1 - Average % changes in blood sugar & plasma NEFA, etc.	Schwartz Medical	A.Lasky	12-591-61
12/21/61	Copy of Paste-up	F.Sayre Chemistry	A.Lasky	12-592-61
12/18/61	Computer Construction	S.Rideout App.Math.	M.Rosen	12-593-61thru 12-600-61
12/19/61	Corn Leaf from Satelite (2)	Dr.Curtis Biology	M.Rosen	12-601-61 C12-601-61
12/20/61	Mice	Dr.Clode Medical	M.Rosen	12-602-61 thru 12-609-61

Date	Caption	Dept.	Photographer	Number
12/26/61	Graph - This experiment, Cork, et.al. & Cocconi, et.al. Data	Fujii Physics	A.Lasky	12-610-61
	" 2.9, 2.1 & 1.35 Bev Data			12-611-61
	" 1.35 Bev Data Curves a,b,c,&d.			12-612-61
12/26/61	Graph - Tinc = 2.065 Bev	Fujii Physics	A.Lasky	12-613-61
	" Tinc = 2.081 Bev			12-614-61
	" Tinc = 2.869 Bev			12-615-61
	" Tinc = 2.853 Bev			12-616-61
	" Tinc = 2.897 Bev			12-617-61
12/26/61	Composite Neg. of curves, Figs.1 to 5 #9-204-61, 9-202-61, 9-194-61, 9-197-61 & 9-195-61.	Fujii Physics	A.Lasky	12-618-61
	Composite Neg. of Curves, Figs. 6 to 10 #9-198-61, 9-196-61, 9-199-61, 12-613-61 & 12-614-61.			12-619-61
	Composite Neg. of Curves, Figs. 11 to 15 # 9-322-61, 9-316-61, 12-615-61, 12-616-61 & 12-617-61.			12-620-61
12/27/61	Representative Pike Visiting Lab	Pulleston Pub.Info.	M.Rosen	12-621-61 thru 12-622-61
12/26/61	80" Chamber progress	M.Burns Physics	R.Cooper	12-623-61 thru 12-624-61
	80" Bubble Chamber progress			12-625-61 thru 12-631-61
12/27/61	Copy of Cloud Chamber Print Roll 5D-1 # 252173	M.Vitols Physics	A.Lasky	12-632-61
12/14/61	Seedlings (1)	G.Schaeffer Biology	R. Walton	12-633-61 thru C12-633-61 thru 12-637-61 C12-637-61
12/14/61	Tobacco seedlings in test tubes (1)	Dr.Brown Biology	R. Walton	12-638-61 C12-638-61

Date	Caption	Dept.	Photographer	Number
12/19/61	Wood Phantom Dog	Dr. Bohd Medical	M.Rosen	12-639-61 thru 12-640-61
12/13/61	Moving Building	D.Malloy AP & PM	R. Walton	12-641-61 thru 12-644-61
12/20/61	Salt Sampler Loop - N	J.Smith Nuc.Eng.	M.Rosen	12-645-61
12/20/61	PMs Neoplasm of Breast	Dr.Calvo Medical	R.F.Smith	C12-646-61 thru C12-651-61
12/27/61	Copy of X-Ray # 80,251R	Lippincott Medical	A.Lasky	12-652-61 thru 12-653-61
12/27/61	"Use & Abuse of Diuretics" Copy of Diagram - page 1156 page 1162 page 1163	Doolan Medical	A.Lasky	12-654-61 12-655-61 12-656-61
12/27/61	Unit # 5494 - PS (2)	Dr.Lippincott Medical	R. Walton	12-657-61 thru C12-657-61 thru 12-659-61 C12-659-61
12/21/61	Loop	Ingraham Metallurgy	M.Rosen	12-660-61 thru 12-663-61
12/27/61	Composite of Prints of Charts Individual corresponding negs. Top: 7-175-61 Bottom: 7-570-61	S.Pickart Physics	A.Lasky	12-664-61
12/27/61	Copy of Schematic - Axial flow organic coolant pump loop.	Susskind Nuc.Eng.	A.Lasky	12-665-61
12/14/61	Tobacco seedlings in test tubes	Dr.Brown Biology	R. Walton	C12-666-61 thru C12-673-61
12/27/61	Computer Construction	S.Rideout App.Math.	M.Rosen	12-674-61 thru 12-676-61

Date	Caption	Dept.	Photographer	Number
12/29/61	Copy of Chart	Zubay Biology	A.Lasky	12-677-61 thru 12-678-61
	Copy of Print - Lithium Deoxyribonucleate Curves & Deoxyribonucleic Acid model			12-679-61
12/21/61	Van de Graaff (Cosmotron)	Dr.Turner Cosmo.	M.Rosen	12-680-61 thru 12-682-61
12/29/61	Copy of Schematic Chart of Events	Shutt Physics	A.Lasky	12-683-61

JANUARY 1961

Photographs	589
Photomicrographs	33
Lantern Slides	612
Prints	2786
Photostats, Zerox	1761
Ozalid Prints	52,890
Recording film processed	59,765
Drawings	17

Photographs	568
Color Photographs	21
Slides	548
Color Slides	64
Prints	2758
Color Prints	28
Micrographs	19
Color Micrographs	14
Diapositives	204
Footage Shot	200
Color Footage Shot	200
Footage Processed	59,765
Color Film Process ed	0

FEBRUARY 1961

Photographs	698
Photomicrographs	169
Lantern Slides	682
Prints	3566
Photostats, Zerox	2452
Ozalid Prints	61,076
Recording film processed	182,800'
Drawings	18

Photographs	691
Color Photographs	7
Slides	582
Color Slides	100
Prints	3546
Color Prints	20
Micrographs	116
Color Micrographs	53
Diapositives	133
Footage Shot	1300
Color Footage Shot	0
Footage Processed	182,800
Color Film Processed	0

March 1961

Photographs	857
Photomicrographs	340
Lantern Slides	951
Prints	4222
Photostats, Zerox	2929
Ozalid Prints	64,819
Recording film processed	68,700
Drawings	10

Photographs	841
Color Photographs	16
Slides	906
Color Slides	45
Prints	4217
Color Prints	5
Micrographs	163
Color Micrographs	177
Diapositives	317
Footage Shot	300
Color Footage Shot	200
Footage Processed	68,700
Color Film Processed	0

APRIL 1961

Photographs	859
Photomicrographs	138
Lantern Slides	1108
Prints	2060
Photostats, Zerox	2846
Ozalid Prints	51,552
Recording film processed	125,115
Drawings	301

Photographs	849
Color Photographs	10
Slides	859
Color Slides	349
Prints	2038
Color Prints	22
Micrographs	53
Color Micrographs	85
Diapositives	102
Footage Shot	1600
Color Footage Shot	0
Footage Processed	125,115
Color Film Processed	0

May 1961

Photographs	872
Photomicrographs	187
Lantern Slides	895
Prints	3008
Photostats, Zerox	3046
Ozalid Prints	50,454
Recording film processed	144,400
Charts & Graphs	217

June 1961

Photographs	847
Photomicrographs	361
Lantern Slides	1065
Prints	5727
Photostats, Zerox	3540
Ozalid Prints	49,983
Recording film processed	37,450
Charts & Graphs	232

Photographs	847
Color Photographs	25
Slides	725
Color Slides	170
Prints	3008
Color Prints	0
Micrographs	183
Color Micrographs	4
Diapositives	106
Footage Shot	0
Color Footage Shot	0
Footage Processed	144,400
Color Film Processed	0

Photographs	827
Color Photographs	20
Slides	884
Color Slides	181
Prints	5705
Color Prints	22
Micrographs	127
Color Micrographs	234
Diapositives	290
Footage Shot	0
Color Footage Shot	0
Footage Processed	37,450
Color Film Processed	0

JULY 1961

Photographs	816
Photomicrographs	411
Lantern Slides	734
Prints	4098
Photostats, Zerox	3610
Ozalid Prints	47,644
Recording film processed	74,250
Charts& Graphs	184

AUGUST 1961

Photographs	1205
Photomicrographs	190
Lantern Slides	1126
Prints	4746
Photostats, Zerox	2056
Ozalid Prints	57,689
Recording film processed	11,670
Charts & Graphs	348

Photographs	800
Color Photographs	16
Slides	570
Color Slides	164
Prints	4064
Color Prints	34
Micrographs	299
Color Micrographs	112
Diapositives	269
Footage Shot	0
Color Footage Shot	500
Footage Processed	74,250
Color Film Processed	0

Photographs	1179
Color Photographs	26
Slides	965
Color Slides	161
Prints	4746
Color Prints	0
Micrographs	99
Color Micrographs	91
Diapositives	180
Footage Shot	800
Color Footage Shot	400
Footage Processed	11,670
Color Film Processed	0

SEPTEMBER 1961

Photographs	803
Photomicrographs	97
Lantern Slides	757
Prints	3529
Photostats, Zerox	2312
Ozalid Prints	43,308
Recording film processed	46,820
Charts & Graphs	204

OCTOBER 1961

Photographs	902
Photomicrographs	254
Lantern Slides	790
Prints	4111
Photostats, Zerox	1549
Ozalid Prints	44,723
Recording film processed	68,470
Charts & Graphs	227

Photographs	785
Color Photographs	18
Slides	679
Color Slides	78
Prints	3505
Color Prints	24
Micrographs	51
Color Micrographs	46
Diapositives	181
Footage Shot	400
Color Footage Shot	200
Footage Processed	46,820
Color Film Processed	0

Photographs	877
Color Photographs	25
Slides	615
Color Slides	175
Prints	4011
Color Prints	100
Micrographs	121
Color Micrographs	133
Diapositives	194
Footage Shot	0
Color Footage Shot	1000
Footage Processed	68,470
Color Film Processed	0

NOVEMBER 1961

Photographs	702
Photomicrographs	205
Lantern Slides	569
Prints	3443
Photostats, Zerox	1743
Ozalid Prints	46,533
Recording film processed	83,400
Charts & Graphs	243

Photographs	669
Color Photographs	33
Slides	525
Color Slides	44
Prints	3374
Color Prints	69
Micrographs	126
Color Micrographs	79
Diapositives	136
Footage Shot	600
Color Footage Shot	400
Footage Processed	83,400
Color Film Processed	0

DECEMBER 1961

Photographs	683
Photomicrographs	126
Lantern Slides	439
Prints	3340
Photostats, Zerox	2322
Ozalid Prints	42,269
Recording film processed	47,570
Charts & Graphs	187

Photographs	668
Color Photographs	15
Slides	408
Color Slides	31
Prints	3258
Color Prints	83
Micrographs	71
Color Micrographs	55
Diapositives	280
Footage Shot	300
Color Footage Shot	0
Footage Processed	47,570
Color Film Processed	0