

Ernest Orlando Lawrence Berkeley National Laboratory Records Transmittal

Division	Department	Archives and Records Office Use Only
Information Technologies		
Group		Filing Code
Archives & Records		ARO-6148
Location	69R0102	LBLN Accession Date
Transferee	Nelson, Karen	2/22/2012
Head of Department		FRC Accession No.
John Stoner		434 12

Records Title

LBNL Historical Files

Inclusive Date of Records

1940 1987

No of Containers

2 FRC Box

Brief description of records

This accession was created from non-record accessions from the LBNL ARO shelves and contain various historical documents, including early histories of the lab, lab anniversary celebrations, correspondence, development of R&D projects and equipment, and a the development of Donner Lab. Code folder has additional information.

Materials

Records Retention

- Historically Valuable Documents. Do not destroy. A detailed folder listing is included with the Records Transmittal
- Destroy/Review on a scheduled basis with a minimum retention of _____ years. Disposal/Review Date:

This is in accordance with:

- The National Archive General Retention Schedule. Citation
- The Department of Energy Retention Schedule. Citation

Disposal Authorization:

The legal retention of the records listed on this Records Transmittal has elapsed. Since I forsee no use of these records, I authorize their disposal.

Signature of Department Head

Date

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Container **Of**

- Folder 1 LBL 25th Anniversary
- Folder 2 LBL 45th Anniversary
- Folder 3 LBL 50th Anniversary
- Folder 4 LBL 50th Anniversary Celebration List of Symposium and Banquet Attendees A through L 1981
- Folder 5 LBL 50th Anniversary Celebration List of Symposium and Banquet Attendees M through Z 1981
- Folder 6 History of the Radiation Laboratory by Mark Lothrop, Andrew Guthrie, George Everson December 29, 1945
- Folder 7 Talk on the History of the Lab Delivered by D.C. Sewell May 22, 1957
- Folder 8 William M. Brobeck "Reminiscences of the Lawrence Laboratory: The War Years" November 5, 1982
- Folder 9 [The Gospel According to St. Brobeck, Sept. 1957, cartoon]
- Folder 10 Regent's Meeting - 35 Years in the High Energy Frontier in the Lawrence Radiation Laboratory, Berkeley Sept. 17, 1965
- Folder 11 Oakland Tribune Jan. 17, 1950 - Signed by Seaborg, Ghiorso, Thompson, article on the discovery of Berkelium
- Folder 12 The Rule and the Reason: A Security Handbook Berkeley: Ernest O. Lawrence Radiaiton Laboratory, 1959 Pub. 25
- Folder 13 "How Russia Stole America's Atomic Secrets" by Bob Considine 1951
- Folder 14 Map of Berkeley Campus 1950 - indicates Crocker Lab.
- Folder 15 Chromatic Television Laboratories, Inc. Statement of Facilities and Experience c. 1950 [E.O. Lawrence was a Director]
- Folder 16 Color Field Correction in a PDF Tube, James T. Vale Sept. 9, 1952 Chromatic Television Laboratories, Inc.
- Folder 17 Correspondence of Robert Serber, Physicist 1946 [re: Oppenheimer] 1950 [scattering calculations]

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- | | | |
|--------|----|--|
| Folder | 18 | Correspondence Kenneth MacKenzie Univ of British Columbia and Louis Wouters LRL, re: 184" Cyclotron, November 11, 1946 |
| Folder | 19 | Historical Material re: AEC Declassification System from R.K. Wakerling's Technical Information - LBL 1954-1974 |
| Folder | 20 | [Donner Laboratory University of California Berkeley Pamphlet c. 1958] |
| Folder | 21 | History of Donner Laboratory, Survey of Program |
| Folder | 22 | Donner Laboratory Funding Source List |
| Folder | 23 | Radiation and Gravitational Biology in Relation to Space Flight Progress Report October 1974 - February 1975 Tobias and Yang, Donner Laboratory |
| Folder | 24 | Letter to Dr. Cooksey from Robert Rutman, Captain, Army Corps of Engineers Re: Directive for the Construction of the Synchrotron dated 4 September 1946 |
| Folder | 25 | Notes on Quantum Mechanics Physics 221, Oppenheimer, 1939 by B. Peters, copy belonging to Cornelius Tobias Radiation Laboratory 1941 |
| Folder | 26 | The Atomic Bombings of Hiroshima and Nagasaki by the Manhattan Engineering District; Photographs of The Atomic Bombings of Hiroshima and Nagasaki by the Manhattan Engineering District, not dated, c. late 1940s |
| Folder | 27 | Transcript of Luis Alvarez diary for October 1949 US DOE Archives Records Group 326 USAEC Collection: Oppenhiemer Clearance Box 3 Folder: Alvarez Notes |
| Folder | 28 | Luis Alvarez Paper, "Physics Work in the Radiation Laboratory" 1940 [copy] |
| Folder | 29 | Luis W. Alvarez, Diary of a Trip to China (June 30 - July 22, 1973) |
| Folder | 30 | Luis W. Alvarez, Mass Extinctions Caused by Large Bolide Impacts LBL-22786, 1986 |
| Folder | 31 | Letters from Luis Alvarez to His Parents Feb. 20, 1946 and Jan. 15, 1947 |
| Folder | 32 | Contents of the August 1981 Bevatron Time Capsule: two photographs of the crew, front pages of four local papers, Time magazine review of Tarzan]
[In 1981, a major upgrade was made to the Bevatron's magnet, during which a time capsule was placed.] |
| Folder | 33 | Proposal for Human Genome Center submitted by Lawrence Berkeley Laboratory, R.K. Mortimer, Principal Investigator, November 1987 |

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- Folder 34 184" Cyclotron Tool Crib Tool Checks Used by Paul Hernandez Circa 1948
- Folder 35 Certificate of Achievement Presented to Ray O'Dea signed by E.O. Lawrence and Donald Cooksey, n.d.
- Folder 36 B&W Photo of the Electric Shop Crew Bldg 53-1, 1961
- Folder 37 Metal Plaque (6" x 6") reads: "Analyzer Tube No. 187 From Consolidated Electrodynamics Corporation Model 21-102 Mass Spectrometer Used During Original Acceptance of LBL-MS3 - Presented January 11, 1985 to Amos S. Newton In appreciation for more than 37 years of dedicated scientific endeavor in Mass Spectroscopy and Radiation Chemistry at the Lawrence Berkeley Laboratory
- Folder 38 Memo From E.O. Lawrence to LRL Employees Re: Manhattan Project Aug. 9, 1945 (copy)
- Folder 39 Transcript of Donald Cooksey oral history on the his Radiation Lab photograph collection 1964
- Folder 40 Letter from Edwin McMillan to Ernest Lawrence re: accelerator development. Includes description of the Synchrotron and handwritten diagrams. July 4, 1945

Container **Of**

- Folder 1 Program for the Radiation Laboratory April 1, 1946
- Folder 2 USAEC Radiation Laboratory, University of California, Berkeley August 1951
- Folder 3 LRL History 1958
- Folder 4 Short History of the Laboratory 1960
- Folder 5 Songs from 1962 Christmas Party ("Old McMillan Had a Lab", etc.)
- Folder 6 History of the Physics Department at LBL, Raymond Birge 1963
- Folder 7 Plowshare Program 1964
- Folder 8 Regent's Meeting Sept. 17, 1965, 35 Years on the High Energy Frontier in LRL
- Folder 9 Regent's Committee Visit 1972
- Folder 10 Visit of Scientists From China 1972

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- Folder 11 Livermore History 1958, LBL History 1973
- Folder 12 Visit of King Carl XVI Gustaf of Sweden 1976
- Folder 13 Notes on the History of Donner Lab
- Folder 14 Biomedical Research with the Omnitron 1966
- Folder 15 Donner Foundation 1953-1973
- Folder 16 History of Donner Lab, Survey of the Program
- Folder 17 Training at Donner Lab
- Folder 18 Research Activities at Donner 1964-1965
- Folder 19 Survey of Nuclear Medicine at UC Criteria fro Training
- Folder 20 Program for Dept. of Biophysics and Medical Physics
- Folder 21 Sales, Licensing, Shipments of Radioisotopes Donner 1946-1963
- Folder 22 Bio-Medical Complex A Study LRL November 1961
- Folder 23 Biomedical Synchrotron Proposal to AEC, LRL 1970
- Folder 24 Donner Lab Funding Source List
- Folder 25 Scripts for Films, Heavy-Particle Beams in Medical Therapy J.H. Lawrence 1963