

# Ernest Orlando Lawrence Berkeley National Laboratory

## Records Transmittal

<b>Division</b> Life Sciences	<b>Department</b> Donner Laboratory	<b>Archives and Records Office Use Only</b>
<b>Group</b> Graphic Office		<b>Filing Code</b> ARO-2639
<b>Location</b> Donner Laboratory		<b>LBNL Accession Date</b> 2/21/1996
<b>Transferee</b> John Flambard		<b>FRC Accession No.</b>
<b>Head of Department</b>		

### Records Title

Color Movie Film of Radiological Therapy at Lawrence Radiation Laboratory

### Inclusive Date of Records

1961    1968

### No of Containers

1 FRC Box

### Brief description of records

AT NARA  
NRHS 434-08-005  
Color movie film reels depicting radiological and radiation therapy conducted at Lawrence Radiation Laboratory; acromegaly, cancer and the scintillation camera and radiological uses of the Cyclotron. Film includes Drs. John Lawrence and James Born.  
The earliest film is "Target Cancer" (1961), followed by "Pituitary and the Cylcotron" (c. 1965), and reflects the shift from breast cancer therapy to diseases affecting the pituitary by radiotherapy; effect of the Bragg Curve, in which a maximum dosage of the Cyclotron beam was applied at one point, e.g. in the treatment of Acromegaly.

### Materials

Sound Recordings - Motion Picture Film

### 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: Perm

### This is in accordance with:

- The National Archive General Retention Schedule. Citation DOE/ADM/21/12/1
- 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**

- |                    |   |  |
|--------------------|---|--|
| Film Reel Canister | 1 | "Target Cancer" Color Duplicate Negative Insurance Print (400' B Neg) 1961 |
| Film Reel Canister | 2 | "Scintillation Camera" 10 Mins. (361' Color)                               |
| Film Reel Canister | 3 | "Counting Whole Body Radiation" 10.5 Mins. (385' Color)                    |
| Film Reel Canister | 4 | "Heavy Particles in Medicine" 11 Mins. (393' ; 500)                        |
| Film Reel Canister | 5 | John Lawrence's Films  |
| Film Reel Canister | 6 | "Pituitary and the Cyclotron" (2) 9 Mins. (353' Color) (c. 1965)           |
| Film Reel Canister | 7 | "Acromegaly" 23 Mins. (late 1960s) (834' Color) [1/3]                      |
| Film Reel Canister | 8 | "Acromegaly" 23 Mins. (late 1960s) (834' Color) [2/3]                      |
| Film Reel Canister | 9 | "Acromegaly" 23 Mins. (late 1960s) (834' Color) [3/3]                      |