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LOS ALAMOS, NEW MEXICO 87545

U. S. ATOMIC ENERGY COMMISSION

LOS ALAMOS NATIONAL LABORATORY



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[Redacted text]

THEORETICAL GROUP ORGANIZATION

--H.A. Bethe, Chairman

NY6'43

In order to establish close relations between theoretical and experimental work, a meeting of the theoretical group was held in which the following theorists were assigned to the experiments now planned. They will make it their responsibility to keep informed on the experiments to which they are assigned. In order to obtain theoretical help, it is suggested to consult first the theorists assigned to the respective experiment who will call in the assistance of other theorists when needed and desired. The assignments will be modified when new experiments are planned or new members added to the theoretical group.

The numbers of the experiments (such as σ -7) refer to the assignment chart prepared in the meeting with Dr. Fermi on April 30.

1. I Experiments (Scattering, I-1 to 4) Christy & Frankel
2. ν Experiments (ν_{49} and delay, carbon pile; ν -1,2,5 and M-6) Feynman
3. Fission spectrum and mock source (ν -3,4 and M-18) Inglis & Roberg
4. σ Experiments at high energy (fission and capture), Standardization of neutron detectors (σ -3,4,6,9 and M-11,12,13,16) Serber, Christy & Weisskopf
5. σ Experiments at lower energy (1/v-law, σ -1,2) Konopinski
6. Threshold Detectors (σ -5) Bethe & Konopinski
(Later: Weisskopf & Konopinski)
7. σ of boron and fluorine (σ -7,8) Inglis
8. Detection of small neutron intensities (M-9,10) Feynman & Nelson
9. Chemistry and Metallurgy Teller and Metropolis
10. Super and Cryogeny Teller
11. Ordnance Critchfield, Bethe, Nelson & Olum
12. Instrumentation Feynman and Konopinski

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Per J.A. Brown, FSS-18 Date: 7/8/93
By J.D.B., CIC-14 Date: 3-7-96

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Physics General