

Ed and Elsie McMillan dropped in and we discussed: 1. the Berkeley Chancellorship, 2. the 300 BeV accelerator projects sponsored by Cal Tech and Berkeley and the possible competition between the two groups, especially within the University of California (UCLA and La Jolla are involved in the Cal Tech proposal), and 3. the status of the Lawrence Hall of Science. Molly Lawrence, Don Cooksey, Ed McMillan and Harvey White feel that the memorial should be such a hall and not a dormitory, student union wing, or a room in the new physics building.

I had lunch at the White House Mess with Najeeb Halaby, Mrs. Elizabeth Smith (Treasurer of the United States) and Ed Day (California Club member); we discussed plans for President Kennedy's birthday dinner on May 27th.

In the afternoon I appeared, along with Haworth, President Wallace Sterling and Panofsky, at the Authorization Hearing before the Joint Committee on Atomic Energy on the Stanford Linear Electron Accelerator. The main problem raised was that of the degree of AEC control in the management of the project. I said that I would have a position on this at tomorrow's Hearing.

Ambassador W. C. Naude of the Union of South Africa paid me a courtesy call.

I attended a reception given by General and Mrs. K. D. Nichols at the Army and Navy Club. I also went to a cocktail party for the National Science Board given at the home of Mr. and Mrs. Alan Waterman and then attended the Board dinner at the Westchester, where Jerrold Zacharias spoke on the needed program for the improvement of U.S. education.

I wrote a letter (attached) to Edith Erickson who is recovering from an accident.

Friday, May 19, 1961 - D. C.

I testified at the JCAE Authorization Hearing, along with Luedecke and others, on projects proposed by the staff that did not get to the Bureau of the Budget plus those that the Bureau cut out. I committed myself to support the University of Washington's request for a tandem Van de Graaff (\$2.6 million) and the University of Chicago's request for a high energy physics building (\$900,000).

I received a letter from Budget Director Bell raising the question of whether this Space Program could afford the supplemental budget for ROVER in view of the demands on the scientific and engineering manpower. I answered, protesting vigorously the possible disapproval of this ROVER increase, pointing out that in the proposed large increase in the Space budget for FY 1962 directed toward an accelerated man-in-space program, ROVER surely should be included. (Copies of this correspondence are attached.)

Commander Wilson and I had lunch at the Metropolitan Club.

From 3 p.m. to 4 p.m. I attended a meeting of the National Security Council at the White House. Present at the main table were: President Kennedy, Messrs. Dulles, Wiesner, Bell, Dillon, Bundy, Harold Brown, Gilpatric, Lemnitzer, McNamara, Chester Bowles, McCloy, me. At the side tables were: Fisher, Gullion, Curtis LeMay and a large number of military people. The purpose of the meeting was to hear a briefing by Harold Brown on questions bearing upon the resumption of atomic weapons testing. McNamara introduced Brown who then gave his presentation. After this briefing, there was general discussion. The President asked what the Russians needed most from testing, and the answer was

that they did not need bigger strategic warheads, but most likely needed lighter, more maneuverable ones. The President asked LeMay, that if we made a strike, would we have enough to prevent retaliation; LeMay said we probably would not. LeMay suggested that both the U.S. and the U.S.S.R. probably should go the route of the development of smaller missiles. The President asked further questions, such as the degree of reliability of the Atlas and Polaris, etc., and LeMay gave some estimates.

The President said that the reactions from our embassies around the world all gave the estimate that the reaction to our resumption of testing would be very adverse. The President said that all factors must be weighed and, if the decision appears to be a close one, perhaps we should wait for a time before resuming testing; but if the answer seems clear, we should begin immediately to think of the public steps that should be taken.

Bundy made the point that better evidence on the question of whether the U.S.S.R. is testing is very important. Dulles said that the evidence simply is not and cannot be good in the range of low yields, and whether we get the answer through Intelligence is just a matter of luck.

The President then raised the question of our immediate course of action in view of the impending meeting between himself and Khrushchev on June 3rd. One possibility seemed to be that an announcement might be made Monday that the President was asking Arthur Dean to come back from Geneva, and thus the President could see him before he leaves for Paris at the end of the week. Another possibility might be to issue a statement over the weekend and have Dean come back in time for the Meeting of the Principals on Monday (May 22nd). He asked Mr. McCloy and Mr. Murrow to think about a course of action here. This course of action should also contemplate building up public attention to the problem posed by the Russian position. The President raised the question of where we should do the testing and on what time scale it should be announced if he does decide to resume.

Information Meeting 32 (notes attached) was held at 4:30 p.m. We discussed the priority of the items that we would like to have if the JCAE decides to add additional ones to the Authorization Bill and decided on the following: 1. the Bio-Lab at Brookhaven, 2. the High Energy Physics Lab at the University of Chicago, 3. a Bioradiological Laboratory at the Radiation Laboratory, Berkeley, 4. a tandem Van de Graaff at the University of Washington, 5. a U²³³ metallurgical facility at ORNL, and 6. the Guam Reactor. We also discussed the letter to the White House on the barter arrangement on South African uranium; the Executive Order on ethical standards; the presentation of industrial proposals on NERVA at NASA next Monday; the S.E. Graduate Research Center request for \$16 million High Flux Reactor (the Berkner request which we propose to reject); the report on the 74th GAC meeting; the State Department's attitude against including a SNAP device in Transit and Welch's reluctant decision to rule, on behalf of the Space Council, in their favor so far as the June shot is concerned but on the assumption that it might be included in the August shot; the letter to Bell protesting the BOB attitude on ROVER and plans for reorganization of AEC operations.

I attended the 41st Annual Dinner of the White House News Photographers Association at the Sheraton Park Hotel. Alan King and Jane Morgan entertained and President Kennedy gave an excellent short talk.