

FILE COPY

File  
LAMPK



CANCER RESEARCH AND TREATMENT CENTER  
THE UNIVERSITY OF NEW MEXICO ALBUQUERQUE, NEW MEXICO 87131  
500 CAMINO DE SALUD NE TELEPHONE 505: 277-5631

713016

TO: M. M. Kligerman  
C. A. Kelsey ✓  
E. A. Knapp  
J. Bradbury  
A. Smith  
J. Yuhas

FROM: Stephany Wilson *(SW)*

DATE: August 18, 1976

SUBJECT: Notes on Meeting, August 10

BEST COPY AVAILABLE

At 9 a.m. on August 10, 1976, the above listed persons (except for Dr. Kelsey and Dr. Yuhas) met with Don Hagerman and Andrew Browman re the upcoming production schedule. Dr. Hagerman noted that Cycle 7 will stand for August 15 - 29, but Cycle 8 will be cut short by several days (probably September 5 - 14). Dr. Kligerman decided not to try to treat patients during Cycle 8, but to devote it to biology and physics. Patient tests will resume in October.

Dr. Hagerman said that Cycle 9 will run from October 3 - 17, but the schedule afterward will be altered to allow for a shutdown period for economic reasons. Five weeks of down time will probably be scheduled starting about December 19, 1976. He said a decision will be made at the upcoming PAC meeting as to whether to have two three-week production cycles or three two-week cycles from mid-October to mid-December. Dr. Kligerman said he would prefer two three-week cycles, but could accommodate either. Dr. Hagerman will try to have a firm schedule within a week.

Dr. Kligerman noted that the National Cancer Institute will site visit UNM-CRTC for the competing renewal application for CA-16127 (Clinical Studies of Pion Radiotherapy) on September 30 and October 1, 1976, and that considerable preparation is needed. He said the addition of the 8 X 10 X 7 port will provide far greater flexibility vis a vis types of patients and numbers of patients that could be treated in October, and data on that beam should be prepared for the site visit.

Dr. Knapp said Dr. Rosen needs to shut down the accelerator for a total of two months during the coming fiscal year because of budgeting problems. Dr. Kligerman said he could accommodate that because he needs time to observe patients. He said he would like to have 7 days on, one day off, and 6 days on for Cycle 7, the same as patient tests in June. He said he was not planning to use more than an 8-hour shift

FILE BARCODE  
5522E100

COPIED FOR  
HSPT

1088055

00132759.001

of beam time per day.

Dr. Bradbury noted that the start-up for Cycle 7 could be delayed a couple of days while a new valve is installed in another area. If the valve isn't installed, the dose rate would be approximately the same as during the patient series in June. Otherwise, the accelerator will probably be operated at 100 microamps.

Dr. Kligerman said he would not know what type of beam would be required until he saw the patients (which would occur no earlier than Thursday, August 12, 1976). Dr. Smith said they were planning to use Tune OIC, with the poor wedge, with the 4 X 4 X 4 cm port.

Dr. Kligerman said it was likely some of the tumors for this cycle might be below the skin surface, but within the 4 X 4 X 4 cm port. He asked if the wedges could be changed quickly, using this tune and wedge and the one used in June. Dr. Knapp said an automatic wedge positioner was being designed and fabricated and should be ready for October, but not for the August run. Dr. Bradbury said that eventually these types of changes could be accomplished with the range shifter. Dr. Kligerman asked if sufficient data were available to test the range shifter with patients on this run, perhaps for one field. After some discussion, Dr. Knapp said he felt that should not be attempted in August, particularly since collimators aren't yet fabricated and tested for use with the range shifter.

A visit in mid-September by a delegation of Japanese scientists was discussed and it was decided to prepare presentations similar to those required for the site visit at the end of the month. Ms. Wilson is to prepare a tentative agenda for review.

Appointment of the Biomedical Task Forces was discussed and chairmen identified. They are:

1. Range Shifter

H. Amols, Chairman  
M. Paciotti  
Don Liska  
Ken Hogstrom  
Al Smith

2. Couch

Dick Lane, Chairman  
Ken Hogstrom  
Pete Berardo  
Jerry Helland  
M. Kligerman

3. Collimation

Al Smith, Chairman  
Ken Hogstrom  
Pete Berardo  
Mile Paciotti

COPIED FOR  
HSPT

1088056

00132759.002

Problems concerning the amount of time required for biology studies during Cycle 7 were discussed, and Dr. Yuhas was consulted by phone. It was decided to request that Dr. Yuhas attend the meetings scheduled each Tuesday at 9:00 AM in Los Alamos, if at all possible, especially those right before production cycles when he will be performing experiments.

SW/ah

**COPIED FOR  
HSPT**

1088057

00132759.003