

OFFICE MEMORANDUM

714559

DATE: July 18, 1975

FROM : J. Bradbury  
M. Paciotti/J. Helland  
J. Dicello/H. Amols  
A. Lundy/J. Wing  
Edward A. Knapp *AK*

SUBJECT : RENEWAL APPLICATION FOR PRECLINICAL STUDIES GRANT (CA-14052)

SYMBOL : MP-3

MAIL STOP: 844

I have enclosed a copy of a letter received from Dr. Kligerman regarding the renewal grant application for CA-14052. It is my understanding that the division of responsibility between the MP-Division staff and the CRTC staff in physics falls in a fuzzy area somewhere associated with the clinical application of the beam achieved; e.g. MP-Division has responsibility for:

1. Beam tuning and development.
2. Treatment planning calculational capability development.
3. Microdosimetry.
4. Conventional dosimetry devoted to beam development and monitoring.
5. Conventional dosimetry devoted to beam model and treatment planning model development.
6. Beam line maintenance, development and operation.
7. Control system development, including recordkeeping.
8. Data acquisition capability development.
9. Facility development and maintenance.
10. Stopping region visualization studies.

During the next few weeks we should develop, in conjunction with discussions with the CRTC staff, the necessary test and budget information required for this renewal application. The responsibility for the development of this information is assigned to Mike Paciotti for items 1 and 2; items 3, 4 and 5 go to John Dicello; and items 6, 7, 8 and 9 to Arvid Lundy; item 10 goes to Jim Bradbury. Jim Bradbury and I will serve as focus for this work. Periodic meetings will be held during the next two weeks to discuss progress. Our first meeting will be held next Monday at 1:30 in my office.

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76. M. Kligerman 7/21/75

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Specifically, we will not consider text or budget for:

1. Dosimetry for actual patient irradiation.
2. Input for treatment planning (contours, inhomogeneity specifications).
3. Treatment planning output evaluation for specific cases.
4. Simulator specifications.
5. Patient handling systems.
6. Dose verification certification.

In a less clear category but still presently assumed to be in CRTC staff jurisdiction is:

1. Dosimetry for biological experimentation.
2. Dosimetry of 250 KVP x-ray unit.
3. Record data base establishment.

Come to the meeting prepared and perhaps we will get launched successfully.

cc: L. Rosen, MP-DO  
M. Kligerman, CRTC  
C. Kelsey, CRTC  
D. Peterson, H-DO, MS 881  
R. Barnard, CRTC

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MORTON M. KLIGERMAN, M.D., Director

TO: Distribution  
FROM: M. M. Kligerman, M. D. *MMK*  
DATE: July 10, 1975  
SUBJECT: Renewal Application for Preclinical Studies Grant (CA-14052)

The renewal application for the preclinical studies grant (CA-14052) must be in Washington by 1 September 1975. Accordingly, we need to have input from each of those units which will be participating no later than 1 August 1975.

The following information is required for the five-year period starting 1 June 1976:

- A. Objectives
- B. Background
  - 1. Work by others
  - 2. Progress report on work to date for full period of CA-14052 (including a list of publications)
  - 3. Rationale
- C. Methods of Procedure
- D. Significance
- E. Facilities
- F. Collaborative Arrangements

We also need detailed budget estimates for the five-year period and justification of major items of equipment and any unusual items in other budget categories.

Please advise me or Stephany Wilson if you have problems or questions.

Many thanks.

MMK:ft

Distribution:

- E. A. Knapp
- D. F. Petersen
- C. C. Kelsey
- UNM Dept. Pathology (R. E. Anderson, C. R. Key, S. Jordan, W. C. Black,  
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