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OFFICE MEMORANDUM

TO : Biomedical Controls Committee 712908

DATE: February 2, 1976

FROM : J. A. Helland

SUBJECT : MINUTES - MEETING OF JANUARY 20, 1976

SYMBOL : MP-3

MAIL STOP: 844

REPOSITORY LANL/ARC
COLLECTION MP-DO
BOX No. A-91-011
FOLDER 197-8

The status of the software was discussed very briefly. Although the software is progressing reasonably well, it is somewhat behind schedule.

Slit 1 was discussed and it was agreed that a mechanical technique, e.g. an optical encoder, is needed to determine the slit position. A better way of driving the stepping motors is also needed, because they occasionally start in the wrong direction.

Pete Berardo discussed the Data Link to CCF. He has made a preliminary study and has found little interest within MP Division. Arch Thiessen has a slight interest, but with low priority. Berardo favors the KRONOS system, mainly because of (non) security considerations. He talked to people in C Division and learned that their data links operate at 2400 baud, although 4800 baud will be available soon. They recommended a UT-200 type terminal (for batch) and a 4010 type terminal for on-line interaction. A UT-200 emulator on the PDP-11/45 is a possibility. Lundy noted that UCLA has offered us the free use of their IBM 370 system for treatment planning. Line charges to UCLA may be less than computer charges at CCF.

The various alternatives for treatment planning were discussed and it was agreed that treatment planning (in the near future at least) should be done at CCF only, possibly with a remote terminal at Biomed, but not through the PDP-11/45. If the remote terminal is a 4010 (4014), it may be desirable to connect it to a Versatec printer/plotter through a CTEC hardcopy interface. Berardo will investigate the remote (CCF) terminal scheme, including costs.

The DIVA disk situation was discussed. Things look encouraging and a 30-day acceptance test should begin around the end of January. Jim Zard, DEC, thinks he has found a definite (DIVA) design fault that could lead to disk corruption, and DIVA Corp. has been notified of this fact.

The meeting was adjourned.

JAH:bl

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