

6 February 1986

180 Albert Road
SOUTH MELBOURNE VIC 3205

Dear ,

The response from CRAY (fax of 23 Jan) has clarified a number of points, however a number still remain outstanding. We would appreciate a reply from either you or CRAY, as appropriate, as soon as possible.

1. Cable Knock-out Sizes

In response to our query concerning cable knock-out sizes for the PDU's, MFC, IOC and SSD, CRAY's reply (attachment A, point g) indicated that the drawings (1065004B, 10650019, 10650018A) are correct.

The diameter of the cable is compatible with these drawings. However, the SPM indicates different knock-out sizes. Please advise.

2. Floor Loadings

CRAY expressed concern with regard to the floor loadings on route to the computer room and mentioned the weight of the heaviest equipment being 2000 kg.

The Site Planning Reference Manual (HR0028A), section 2.3.1, Shipping and Installation states:

"Access routes to the site must support rolling casters with 1700 pound (771 kg) loads. The floor loading applies especially to any ramps where the equipment is more vulnerable to possible damage".

Would CRAY please clarify that the weight of 2000 kg stated previously is the total weight of the heaviest equipment to be moved. Will the weight on each caster be within the 771 kg limit?

- 2 -

3. Consumables

We would appreciate confirmation that CRAY will supply the consumables for the Versatec printer/plotter to be used during the acceptance test period.

Like Techway we have contacted the local supplier of Versatec products to enquire about consumables for the V80-711 electro-static printer/plotter. The time lapse to obtain such products is 12-14 weeks. Supplies of these consumables will not be available for the start of the acceptance test period. Does CRAY intend to ship sufficient supplies of these consumables with the equipment to cover usage until the acceptance test period is complete?

4. Operator Training Course

The response (Attachment B, point 3) related to operator training implies that CRAY have misunderstood our questions. We were not referring to our general operations training plans but specifically the Operations Course as mentioned in the contract.

Quoting the contract under TRAINING, paragraphs 7.3.1 and 7.3.2.

"The contractor will provide free of charge for up to 20 students on each of the courses listed in Schedule C. The contractor reserves the right to change the specification or duration of its training courses at any time. In the event that any of the courses listed are revised prior to delivery then equivalent or successor courses will be made available to the Commonwealth as applicable".

"Places may be taken in courses held overseas, or equivalent courses may be held in Australia. For courses provided in Australia the contractor will supply a quotation for an additional fee to cover the actual costs of the instructor's travel and accommodation".

Schedule C of the Contracts lists -

US course: 106 Cray Operators Course (3 days)
Australian Equivalent: X-MP Operators Course (2 days).

With regard to CRAY's comments and the contract, our position is:

- a. While agreeing that CRAY have the right to change the flavour of their courses, we are concerned that CRAY may have reduced their involvement in such a course from 2 days to 2 hours.

- 3 -

- b. We note that it is suggested that give the Operators Practical Class. While our own staff will be involved in general operator training, we do not envisage our staff teaching any of the CRAY training courses mentioned in Schedule C of the contract. Note that has had no experience in operating a CRAY. It would be inappropriate for him to give a class without appropriate training in this subject himself.
- c. It was believed that all the courses listed in Schedule C of the contract could be given by the CRAY staff who will be located in Australia. We would appreciate CRAY reviewing this situation. Specifically, would the Australian Equivalent of the 106 CRAY Operators Course be given by local CRAY analysts or would training personnel from overseas be required?
- d. We reiterate our request for information in relation to the Australian equivalent of the 106 Cray Operators Course.
- what does this course entail?
 - does it require a dedicated machine or is it a classroom course?
 - how much of it is hardware oriented?
 - who will give the course?

A prompt response clarifying the above issues would be greatly appreciated.

Yours sincerely,