



TO  
A Dr. P.A. Redhead  
Chairman, Program Selection Committee

Results of the Tournament of Champions

Thank you for your memo of 13 January. I am pleased that so many of our proposals were accepted by your committee.

I am puzzled, however, by the Committee's decision not to accept the proposal on the "Conversion of the DAO 1.8m Telescope" for the reason given. The project is not dependent upon the outcome of the proposal before the B.C. government to fund the construction of an observatory for the province's universities. The intent (apart from providing a more powerful instrument at the DAO) is to develop in Canada, at minimum cost, the technology necessary for Canadian industry to compete in world markets for contracts to design and construct "next generation" telescopes. Rather than the DAO project being dependent upon the B.C. proposal, the acceptance of the B.C. proposal will likely depend upon the success of the DAO project. Only if it is successful will the confidence and experience exist in Canada (in B.C. industries in particular) to construct a complete, and therefore relatively expensive, observatory containing a large telescope of unconventional design.

I should add that the pressure of international competition requires that an early start be made on the DAO project. Otherwise another country, possibly the UK, USA or Australia, will develop the new technology first and Canada will be in no position to compete.

J.L. Locke

cc: C.D. Doucet  
Secretary, PSC

S. van den Bergh  
I. McDiarmid  
N. Broten  
A. McNamara  
D. Ramsay  
J. Galt  
R. Burrows  
L. Higgs  
J. Johns  
G. Herzberg ✓