



**ATOMIC ENERGY CORPORATION
OF SOUTH AFRICA LIMITED**



P.O. BOX 4587
PRETORIA 0001



ISOTOPE

ENQUIRIES :
OUR REF :
YOUR REF :
DATE : 30 November 1987

Prof D G Kröger
Department of Mechanical Engineering
University of Stellenbosch
Stellenbosch

Dear Prof Kröger

We would like to thank you for the two courses, Optimization of Nuclear Power Plant Cycles, and Developments in Two-Phase Flow Modelling which was presented to us by Dr B Sedler, of your Department.

The courses were of a very high standard and we would like you to thank Dr Sedler on our behalf for all the effort he had put into the preparation and presentation of the courses.

During the courses we have discussed with Dr Sedler the possibility of future co-operation between our organizations in the field of Two-Phase Flow research. We have also recieved a letter from Dr Sedler (dated 87/11/05), on the same subject.

As you know, the subject of thermal hydraulic design is the area of interest to this division of the AEC and we are very interested in the field of two-phase-flow. However, as you probably also know, the financial squeeze is again on at the AEC as it was for the current financial year, and management is reluctant to invest into basic research projects (survival strategy). It is therefore not possible for us to undertake any worthwhile joint venture during the next financial year. Although it would be highly desirable for us to establish a small research centre at the Technopark, we are unfortunately not in the position to take decisions of that nature.

Fortunately we succeeded in registering a project in which we shall study the feasibility of building a Freon test rig in future. We shall allocate an engineer to look into the subject, making good use of the reports already required from you. If the results of the study turn out to be positive, we may perhaps obtain funds to build such a rig in future. In the execution of this project it would be of some value if we could conduct some discussions with you on the subject if you could accommodate us. We shall advise you of a possible date. During this visit, the matter of further short courses will also be discussed.

We would like to thank you again for your Department's interest in our work and we hope we will be able to continue our co-operation in the future.

Yours sincerely



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K P J Nel

HEAD: REACTOR PROCESS ENGINEERING

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Copy: Dr B Sedler