

Dr. F. A. Vick,
Director,
A.E.R.E.

Gas coolants for reactors

Thank you for your note of 16th January.
I think that we have, as yet, no relevant experience with hydrogen bubble chambers. Our chief problems there will be concerned with the effects of hydrogen at low temperatures, in both the liquid and gaseous phases. The bubble chamber plant also includes high pressure hydrogen pipework and plant, operating at or near room temperature, but here we have used contractors specialising in hydrogen plant and they have used their standard practice. The plant is not yet operating.

T. G. Pickavance

Rutherford High Energy Laboratory,
Building R.1.
19th January, 1961

c.c. Dr. R. Spence