- P. V. SHAW and T. J. HANRATTY, Fluctuations in the local rate of turbulent mass transfer to a pipe wall, A.J.Ch.E. Jl 10, 475-482 (1964).
- P. V. SHAW, L. P. REISS and T. J. HANRATTY, Rates of turbulent transfer to a pipe wall in the mass-transfer, A.I.Ch.E. Jl 9, 362-364 (1963).
- A. M. Sutey, Mass transfer at the solid-liquid interface for climbing film flow in an annular duct. Ph.D. thesis, Oregon State University, Corvallis, Oregon (1967).
- A. M. SUTEY and J. G. KNUDSEN, Effect of dissolved oxygen on the redox method for the measurement of mass transfer coefficients.

A. M. SUTEY

Thermal Hydraulics Analysis Battelle-Northwest Richland, Washington U.S.A.

J. G. KNUDSEN

Department of Chemical Engineering Oregon State University Corvallis, Oregon, U.S.A.

REJOINDER

THE WORK referred to as [1] in the above comments by Sutey and Knudsen was conducted in an oxygen-free system; the gas was nitrogen and the electrolyte was saturated with

it before use. We considered the deleterious effect of oxygen to be well known, so did not mention it.

D. B. SPALDING

Department of Mechanical Engineering, Imperial College, London S.W.7