

February 1, 2005

Samuel Durbin II
Georgia Institute of Technology

Dear Mr. Durbin:

ANS is granting you permission to reprint the following material provided that you comply with the conditions listed below.

Anderson, J.K., Durbin, S.G., Sadowski, D.L., Yoda, M. and Abdel-Khalik, S.I., "Experimental studies of high-speed liquid films on downward facing surfaces for inertial fusion energy wet wall concepts", *Fusion Sci. and Technol.*, 43, 401-407, 2003.

Durbin, S.G., Yoda, M., Abdel-Khalik, S.I., and Sadowski, D.L., "Turbulent liquid sheets for protecting IFE reactor chamber first walls," *Fusion Sci. and Technol.*, 44, 307-311, 2003.

Durbin, S.G., Koehler, T.P., Reperant, J.J.R., Yoda, M., Abdel-Khalik, S.I. and Sadowski, D.L., "Surface fluctuation analysis for turbulent liquid sheets," *Fusion Sci. and Technol.*, 45, 1-10, 2004.

Shellabarger, B.T., Durbin, S.G., Yoda, M., Abdel Khalik, S.I., and Sadowski, D.L., "Primary turbulent breakup in turbulent liquid films on downward-facing surfaces," *Fusion Sci. and Technol.*, 46, 571-576, 2004.

Durbin, S.G., Yoda, M., Abdel-Khalik, S.I., Sadowski, D.L., and Koehler, T.P., "Assessment and control of primary turbulent breakup of thick liquid sheets in IFE reactor cavities – the 'hydrodynamic source term'," *Fusion Sci. and Technol.*, 47, 16-26, 2005.

Durbin, S.G., Yoda, M., and Abdel-Khalik, S.I., "Impact of boundary-layer cutting and flow conditioning on free-surface behavior in turbulent liquid sheets," Accepted for publication *Fusion Sci. and Technol.*, 2005.

Durbin, S.G., Yoda, M., and Abdel-Khalik, S.I., "Flow conditioning design in thick liquid protection," Accepted for publication *Fusion Sci. and Technol.*, 2005.

Our conditions are:

1. That you give appropriate credit to the author and to the American Nuclear Society, including in your citation volume number, page numbers, issue and year.
- 2.. That you include the statement: Copyright____ (date as appropriate) by the American Nuclear Society, La Grange Park, Illinois.

Sincerely,

Mary Beth Gardner
Manager, Scientific Publications