

DAFTAR PUSTAKA

- Al Issa, S. and Macian-Juan, R. (2014) 'Experimental investigation of countercurrent *flow* limitation (CCFL) in a large-diameter hot-leg geometry: A detailed description of CCFL mechanisms, *flow* patterns and high-quality HSC imaging of the interfacial structure in a 1/3.9 scale of PWR geometry', *Nuclear Engineering and Design*, 280, pp. 550–563. doi: 10.1016/j.nucengdes.2014.08.021.
- Astyanto, A. H., Rahman, Y. and Adhikara, A. Y., Deendarlianto., Indarto (2021) 'Time-series differential pressure fluctuations of a flooding regime: A preliminary experimental results investigation on a 1 / 30 down-scaled PWR hot leg geometry Time-Series Differential Pressure Fluctuations of a Flooding Regime : A Preliminary Experim', 060001(December).
- Badarudin, A., Setyawan, A., Dinaryanto, O., Widyatama, A., Indarto., Deendarlianto. (2018) 'Interfacial behavior of the air-water counter-current two-phase flow in a 1/30 scale-down of pressurized water reactor (PWR) hot leg', *Annals of Nuclear Energy*, 116, pp. 376–387. doi: 10.1016/j.anucene.2018.03.007.
- Catrawedarma, I. G. N. B., Deendarlianto and Indarto (2021) '*Statistical Characterization of Flow Structure of Air–water Two-phase Flow in Airlift Pump–Bubble Generator System*', *International Journal of Multiphase Flow*, 138. doi: 10.1016/j.ijmultiphaseflow.2021.103596.
- Conte, G. and Azzopardi, B. J. (2003) 'Film thickness variation about a T-junction', *International Journal of Multiphase Flow*, 29(2), pp. 305–328. doi: 10.1016/S0301-9322(02)00130-1.
- Deendarlianto., Hohne, T., Lucas, D., Vierow, K. (2012) 'Gas-liquid countercurrent two-phase flow in a PWR hot leg: A comprehensive research review', *Nuclear Engineering and Design*, 243(2), pp. 214–233. doi: 10.1016/j.nucengdes.2011.11.015.

- Hudaya, A., Widyatama, A., Dinaryanto, O., Juwana, W., Indarto., Deendarlianto. (2019) ‘The liquid wave characteristics during the transportation of air-water stratified co-current two-phase flow in a horizontal pipe’, *Experimental Thermal and Fluid Science*, 103(July 2018), pp. 304–317. doi: 10.1016/j.expthermflusci.2019.01.021.
- KINOSHITA, I., Nriai, T., Tomiyama, A., Lucaks, D., Murase, M. (2011) ‘Effects of Liquid Properties on CCFL in a Scaled-Down Model of a PWR Hot Leg’, *Journal of Power and Energy Systems*, 5(3), pp. 316–329. doi: 10.1299/jpes.5.316.
- Prayitno, S., Santoso, R.A., Deendarlianto., Hohne, T., Lucas, D. (2012) ‘Counter current flow limitation of gas-liquid two-phase flow in nearly horizontal pipe’, *Science and Technology of Nuclear Installations*, 2012. doi: 10.1155/2012/513809.
- Putra, S. S., Badarudin,A., Deendarlianto., Indarto., Tirtha,S., Yoanita,V., Sindhu, M (2016) ‘Visualisasi Mekanisme Flooding Aliran Counter - Current Air-Udara pada Simulator Hotleg Dengan $L / D = 50$ ’, (2008).
- Rodrigues, R. L. P., Cozin,C., Naidek,B., Neto,M., Silva, M., Morales, R. (2020) ‘Statistical features of the fl ow evolution in horizontal liquid-gas slug fl ow’, *Experimental Thermal and Fluid Science*, 119(May), p. 110203. doi: 10.1016/j.expthermflusci.2020.110203.
- Sarkar, A., Kumar, R. and K.Jain, S. (2008) ‘ARTIFICIAL NEURAL NETWORK MODELS FOR ESTIMATION OF SEDIMENT LOAD IN AN ALLUVIAL RIVER IN INDIA’, 16(3), pp. 1–12.
- Siswanto, D. (2019) ‘Indonesia Energy Out Look 2019’, *Journal of Chemical Information and Modeling*, 53(9), pp. 1689–1699.
- Vallée, C., Deendarlianto., Beyer, M., Lucas, D., Carl, H l. (2009) ‘Experimental study on the air / water counter-current flow limitation in a model of the hot leg of a pressurized water reactor’, 238, pp. 3389–3402. doi:

10.1016/j.nucengdes.2008.08.003.

Wallis, G. (1961). FLOODING VELOCITIES FOR AIR AND WATER IN VERTICAL TUBES. United Kingdom: AEEW-R--123.

Weisman, J. (1983) 'Two-Phase Flow Patterns and Void Fractions in Downward Flow Part I: Steady-State Flow Patterns', 1(6), pp. 761–782.

Wongwises, S. (1996) 'FLOODING IN A HORIZONTAL PIPE WITH BEND S.', *Int. J. Multiphase Flow* Vol. 22, No. 1, pp. 195-201, 1996, pp. 195–201.