

DAFTAR PUSTAKA

- Duderstadt, J.J. dan Hamilton, L.J., 1976, *Nuclear Reactor Analysis*, John Wiley & Sons, New York.
- Guo, H. Peng, X. Wu, Y. Jin, X. Feng, K. dan Gu, H., 2021, Neutronics Modelling of Control Rod Compensation Operation in Small Modular Fast Reactor using OpenMC, *Nuclear Engineering and Technology*, Elsevier.
- Haugh, B. dan Mohamed, A., 2012, Comparison of A NuScale SMR Conceptual Core Design Using COSMO5/SIMULATE5 and MCNP5, *PHYSOR-2012-Advances in Reactor Physics-Linking Research, Industry, and Education*, USA.
- IAEA (International Atomic Energy Agency)., 2019, Introduction to Water Cooled Reactor Theory With The Micro-Physics Simulator Lite Edition, *Traning Course Series No. 70*, Vienna International Centre, Austria.
- Lamarsh, J.R., 1978, *Introduction to Nuclear Reactor Theory*, John Wiley & Sons, New York.
- Lauranto, U. Valtavirta, V. Rintala, A. dan Leppanen, J., 2019, Evaluating The Fulfilment of Control Rod Related Nuclear Design Bases for An SMR Core Using The Kraken Computational Framework, *Nuclear Science and Technology Symposium – SYP2019*, Finland.
- Nurazizah, A., dan Subkhi, N., 2019, Simulasi Distribusi Fluks pada Reaktor Nuklir 2D menggunakan Phytion, *Prosiding Seminar Nasional Fisika*, hal. 311-316.
- NuScale Power, LLC., 2012, Rod Ejection Accident Methodology, *United States Nuclear Regulatory Commission*, NuScale Power, LCC, Washington, OC, USA. Revision 1.
- NuScale Power, LCC, 2020, NuScale Plant Design Overview, *United States Nuclear Regulatory Commission*, NuScale Power, LCC, Washington, OC, USA. Revision 5.
- Oka, Y., dan Suzuki, K., 2013, *Nuclear Reactor Kinetics and Plant Control (Vol. 10)*, Spinger, Berlin, Germany.
- Romano, Paul K. dan Forget, Benoit, 2012, The OpenMC Monte Carlo Particle Transport Code, *Annals of Nuclear Energy*, 51, Elsevier, 274-281.
- Romano, P.F., 2018, *The OpenMC Monte Carlo Code – OpenMC Documentation*

- Reyes, Jr, J. N. dan Lorenzini, P., 2010, NuScale Power: A modular, scalable approach to commercial nuclear power, *Nuclear news*, 53(7), 97.
- Reyes, Jr, J. N, 2008, US Nuclear Regulatory Pre-Application Meeting, *Nuscale Power Introduction to NuScale Design*, Rockville, MD.
- Shafii, M. A., 2013, Beberapa Metode Penyelesaian Persamaan Transport Neutron dalam Reaktor Nuklir, *Jurnal Ilmu Dasar*, Vol.1, No. 2, hal 59-65.
- Shim, H. J, Han, B. S, Jung, J. S, Park, H. J. dan Kim, C.H., 2012, McCARD : Monte Carlo code for advance reactor design and analysis, *Nuclear Engineering and Technology*, 44(2), 161-176.
- Son, N. A., Hoa, N. D., Nguyen, T. T, dan Tuan, Q. T., 2017, Control Rod Calibration and Worth Calculation for Optimized Power Reactor 1000 (OPR-1000) Using Core Simulator OPR1000, *World Journal of Nuclear Science and Technology*, Vol.7, Scientific Research Publishing, hal 15-23
- Stacey, W. M., 2018, *Nuclear Reactor Physics*, John Wiley & Sons, New York.
- Syarib, T., 2016, *Kinetika dan Pengendalian Reaktor Nuklir*, Edisi 1, Pustaka Pelajar, Yogyakarta
- Waluyo, A., 2016, Perhitungan Shutdown Margin Batang Kendali Modifikasi Reaktor TRIGA Bandung, *Prosiding Seminar Keselamatan Nuklir*, Jakarta.
- Zeliang, C. Mi, Y. Tokuhiko, A. Lu, L. dan Rezvoi Aleksey., 2020, *Integral PWR-Type Small Modular Reactor Developmental Status, Design Characteristics and Passive Features: A Review*, *Energies* 13 (11):2898.

