

DAFTAR PUSTAKA

- Alimah, S., Dewita, E., dan Ariyanto, S., 2014, Analisis Komparasi HTGR Tipe Prismatik dan Pebble bed, *Jurnal Pengembangan Energi Nuklir*, Vol. 16, No. 1, Hal. 11-17, BATAN, Jakarta Selatan.
- Austin, G. T., 1996, *Industri Proses Kimia*, Penerbit Erlangga, Jakarta.
- Ding, M., Boer, B., Kloosterman, J. L., dan Lathouwers, D., 2009, Evaluation of experiments in the AVR with the DALTON-THERMIX coupled code system, *Journal Nuclear Engineering and Design*, Elsevier, hal. 3105-3115.
- Duderstadt, J. J., dan Hamilton, L. J., 1976, *Nuclear Reactor Analysis*, John Wiley and Sons, Inc, New York.
- Gougar, H. D., Terry W. K., Ougouag, A. M., Yoon, W. Y., dan Sen, R. S., 2015, *PEBBED6 Manual*, Idaho National Laboratory.
- Indratoro, G. P., 2016, Perhitungan Desain Teras High Temperature Gas-Cooled Reactor (HTGR) 150 Mwt Melalui Analisis Neutronik Dengan Variasi Geometri Teras Dan *Enrichment* Bahan Bakar Uranium, *Skripsi*, UGM, Yogyakarta.
- Kadak, A.C., 2005, A Future for Nuclear Energy: Pebble bed Reactors, *International Journal of Critical Infrastructures*, Vol. 1, No. 4, hal. 330-345, Cambridge, USA.
- Lewis, E. E., 2008, *Fundamentals of Nuclear Reactor Physics*, Academic press, Cambridge, USA.
- Melese, G., dan Katz, R., 1984, *Thermal and Flow Design of Helium-Cooled Reactors*, American Nuclear Society U, S, Department of Energy, Illinois.
- Mondjo., 2013, *Pengantar Teknologi Nuklir*, Modul Bahan ajar Fakultas Teknik Universitas Gadjah Mada, Yogyakarta.
- Nagaya, Y., Okumura, k., Mori, T., dan Nakazato, W., 2004, Analysis of the HTR-10 initial core with a Monte Carlo code MVP, *Research Gate : Japan Atomic Energy Research Institute*, Okayama.
- Neil, E. T., dan Mujid S, K., 1993, *Nuclear System 1 Thermal Hidraulic Fundamentals Second Edition*, Taylor & Francis, Britania.

- Nursyahid, F. F., Setiadipura, T., dan Agung, A., 2016, Studi Awal Optimasi Burnup HTR-PM 150 MWt dengan Menggunakan Bahan Bakar U-Th, *Prosiding Seminar Nasional Teknologi Energi Nuklir 2016*. PTKRN BATAN.
- Ogorkiewicz, R., 2006, Armored Fighting Vehicles (AFV), *Mechanized Infantry Combat Vehicle Proceedings*, United Kingdom.
- Setiadipura, T., Bakhri, S., Sunaryo, G. R., dan Wisnubroto, D. S., 2018, Cooling passive safety features of Reaktor Daya Eksperimental, *AIP Conference Proceedings*, American Institute of Physics.
- Setiadipura, T., Irwanto, D., dan Zuhair., 2015, Preliminary Neutronic Design of High Discharge burn up OTTO Cycle Pebble Bed Reactor, *Atom Indonesia*, Vol. 41 No. 1, PTKRN BATAN, hal. 7 –15.
- Susilo, J., dan Sembiring, T. M., 2017, Analisis Parameter Kinetika Teras HTR-10 Dari Aspek Statis dan Transien, *Sigma Epsilon*, Vol. 21, No. 1, BATAN, hal. 20-30.
- Tran, H. N., dan Liem, P. H., 2015, Neutronic Feasibility Study of UThPa Based High Discharge burn up Fuel For Pebble bed Reactors, *Progress in Nuclear Energy*, Vol. 80, Elsevier, hal. 17-23.
- Utami, R., dan Yulianti, Y., 2013, Desain Raktor Air Superkritis (Super Critical Water Reactor) Dengan Bahan Bakar Thorium, *Jurnal Ilmu Dasar*, Vol. 14, No.1, Universitas Lampung, hal 1-6.
- Zheng, Y., Shi, L., dan Dong, Y., 2009, Thermohydraulic transient studies of the Chinese 200 MWe HTR-PM for loss of forced cooling accidents, *Annals of Nuclear Energy*, Vol. 36, Elsevier, hal 742-751.
- Zhou, X. W., and Tang, C.H., 2011, Current Status and Future Development of Coated Fuel Particles for High Temperature Gas-Cooled Reactors, *Progress in Nuclear Energy*, Vol. 53, Elsevier, hal. 182-188.
- Zuhair., 2012, Investigasi Kritikalitas HTR (High Temperature Reactor) Pebble Bed sebagai Fungsi Radius dan Pengkayaan Bahan Bakar Kernel, *Indonesian Journal of Applied Physics*, Vol. 2 No. 2, UNS, hal. 146-156.
- Zweifel, P.F., 1973, *Reactor Physics*, McGraw-Hill, USA.

Abdur R., *Efek Xenon pada Reaktor Termal*, <https://nuclearthinker.wordpress.com/2014/04/11/efek-xenon-pada-reaktor-termal/>, diakses pada 20 Februari 2019.

IAEA., 2007, Advanced Applications of Water Cooled Nuclear Power Plants, *International Atomik Energy Agency*, Vienna.

Graphs of JENDL-04,http://www.ndc.jaea.go.jp/j40fig/jpeg/xe135_f1.jpg, diakses 15 Februari 2019.

JAEA, 2019, <https://www.jaea.go.jp/04/o-arai/nhc/en/data/index.html>, diakses 27 maret 2019.

World nuclear, 2018, <http://www.world-nuclear.org/information-library/current-and-future-generation/nuclear-power-in-the-world-today.aspx>, diakses januari 2018.

Warstek, 2019, <https://warstek.com/2018/04/21/rdebatan/>, diakses 25 september 2019.

