

DAFTAR PUSTAKA

- Arisa, D., Fitriyani, D. 2009. Breeding Analyzing of Plutonium-239 in Liquid Metal-Cooled Fast Breeder Reactor with Variation of Core Geometry and Volume. *Proceedings of The 3rd Asian Physics Symposium (APS 2009)*. Hal 413-418
- Chemistry. 2008. *Thorium*. http://www.chem-is-try.org/tabel_periodik/torium/. Diakses pada 8 Oktober 2012 pukul 19.00 WIB.
- Cheng, X., Kuang, B., Yang, YH. 2007. Numerical Analysis of Heat Transfer in Supercritical Water Cooled Flow Channels. *Journal of Nuclear Engineering and Design* 237 (2007) Hal 240 – 252.
- Duderstadt, James J., Hamilton, Louis J. 1975. *Nuclear Reactor Analysis*. Michigan: The University of Michigan.
- Gomes, J.L.M.A., Pain, C.C., Eaton, M.D., Goddard, A.J.H., Piggot, M.D., Ziver, A.K., Olivera, de C.R.E., Yamane, Y. 2008. Investigation of Nuclear Criticality Within a Powder using Coupled Neutronics and Thermofluids. *Journal of Annals of Nuclear Energy* Hal 2073 – 2092.
- Gunandjar. 2008. Analisis Uranium dan Thorium Dalam Limbah Radioaktif Dari Proses Daur Bahan Bakar Nuklir. *Jurnal Teknologi Pengelolaan Limbah* Vol 11 No 2 hal 1-10.
- Khan, M J., Aslam., Ahmad, N.. 2004. Neutronics Analyses of Natural Uranium Fueled Light WaterCooled, Heavy Water Moderated and Graphite Reflected Nuclear Reactors. *Journal of Annals of Nuclear Energy* 31 (2004) Hal 1331 – 1356.
- Khurniawan. 2011. *Dukunglah Pembangunan Reaktor Nuklir PLTN Indonesia*. <http://green.kompasiana.com/polusi/2011/03/28/dukunglah-pembangunan-reaktor-nuklir-pltn-indonesia/> Diakses pada 8 Oktober 2012 pukul 19.00.

- Nuklir, Media. 2010. *Reaksi Nuklir*. <http://medianuklir.files.wordpress.com/2010/08/bab-1reaksinuklir.pdf>. Diakses pada 10 Februari 2013 pukul 19.00.
- Oka, Yoshiaki., Koshizuka, Seiichi., Ishiwatari, Yuki., Yamaji, Akifumi. 2010. *Super Light Water Reactors and Super Fast Reactors*. Tokyo.
- Okumura, K., Kugo, T., Kaneko, K., Tsuchihashi, K. 2002. *General Description and Input Instruction*. Jepang: JAERI.
- Okumura, Keisuke. 2007. *Introduction of SRAC for Reactor Physics Analyses*. Jepang: JAEA.
- Pura, Topan S. 2010. *Fisika Reaktor Nuklir*.<http://www.slideshare.net/tsdipura/fisika-reaktor-nuklir> Diakses pada 8 Oktober 2012 pada pukul 19.00 WIB.
- Rida. 2008. Studi Desain Reaktor Cepat Berpendingin Pb-Bi Berbasis Bahan Bakar Uranium Alam Menggunakan Strategi Shuffling. *Jurnal Risalah Lokakarya Komputasi dalam Sains dan Teknologi Nuklir* Hal 45-53.
- Roulstone, Tony. 2011. *A Designers View of Nuclear Energy*. University of Cambridge.
- Sembiring, Tagor M. 2011. Analisis Model Teras 3-Dimensi Untuk Evaluasi Parameter Kritikalitas Reaktor PWR Maju Kelas 1000 MW. *Jurnal Teknologi Reaktor Nuklir* Vol 13 No 2 Hal 78 – 95.
- Shan, Jianqiang., Chen, Wei., Rhee, B. W., Leung, Laurence K.H. 2010. Coupled Neutronics/Thermal-Hydraulics Analysis of CANDU-SCWR Fuel Channel. *Journal of Annals of Nuclear Energy* Hal 58 – 65.
- Wati, Ratna. 2009. *Ciri – ciri dan Sifat Umum Uranium*. <http://ratna-wati-chemistry.blogspot.com/2009/05/uranium-u-ciri-ciri-dan-sifat-uranium.htm>. Diakses pada 8 Oktober 2012 pukul 19.00 WIB.
- Wikipedia. 2012. *Thorium*. <http://id.wikipedia.org/wiki/Thorium>. Diakses pada 8 Oktober 2012 pukul 19. 00 WIB.

Wikipedia. 2012. *Uranium*. <http://id.wikipedia.org/wiki/Uranium>. Diakses pada 8 Oktober 2012 pukul 19. 00 WIB.

Wilson, J.N., Bidaud, A., Callan, N., Chambon, R., David, A., Guillemin, P., Ivanov, E., Nuttin, A., Meplan, O. 2009. Economy Of Uranium Resources In A Three-component Reactor Fleet With Mixed Thorium/Uranium Fuel Cycles. *Journal of Annals of Nuclear Energy* Hal 404 – 408.

Yulianti, Yanti. 2005. Design and Thermal Hydraulic Analysis of Long-Life Thorium-Uranium Fueled Boiling Water Reactor. *Proceeding of Asian Physics Symposium 2005*.

Zanocco, P., Gimenez, M., Delmastro, D. 2003. Safety Desain Maps: An Early Evaluation of Safety to Support Reactor Design. *Journal of Nuclear Engineering and Design* Hal 271 – 283.

Zuhair. 2012. Investigasi Kritikalitas HTR (*High Temperature Reactor*) *Pebble Bed* Sebagai Fungsi Radius dan Pengkayaan Bahan Bakar Kernel. *Indonesian Journal of Applied Physics* 2012 Vol 2 No 2 Hal 146.

Zweifel, P F. 1973. *Reactor Physics*. McGraw-Hill Book.