

DAFTAR PUSTAKA

- [1] WNA. *Uranium and Depleted Uranium*. World Nuclear Association, November 2016. Diakses dari <http://www.world-nuclear.org/information-library/nuclear-fuel-cycle/uranium-resources/uranium-and-depleted-uranium.aspx>, 21 November 2016.
- [2] Ian Fairlie. "Depleted Uranium: Properties, Military Use and Health Risk". *Medicine, Conflict and Survival*, vol. 25, hal. 41-64, 2009.
- [3] Wikipedia. *Depleted Uranium*. Wikipedia, 25 Juli 2016. Diakses dari https://en.wikipedia.org/wiki/Depleted_uranium, 24 Desember 2016.
- [4] Staffan A. Qvist. *Safety and core design of large liquid-metal cooled fast breeder reactor*. Disertasi, University of California, Berkeley, 2013.
- [5] Hiroshi Sekimoto dan Kouichi Ryu. "A New Reactor Burnup Concept "CANDLE"". *PHYSOR*, hal. 1-9, 2000.
- [6] Ehud Greenspan. "Physics of Breed and Burn Nuclear reactor". Presentasi, *Reactor Physics Summer School University of California*, University of California, Berkeley, 14 Juni 2010.
- [7] Ehud Greenspan. "A Phased Development of Breed-and-Burn Reactors for Enhanced Nuclear Energy Sustainability". *Sustainability*, vol. 4, no. 10, hal. 2745-2764, 2012.
- [8] Donny Hartanto dan Yonghee Kim. "A Compact Breed and Burn Fast Reactor Using Spent Nuclear Fuel Blanket". *PHYSOR*, 2012.
- [9] Pavel Hejzlar, Robert Petroski, Jesse Cheatham, N. Touran, M. Cohen, B. Truong, R. Latta, M. Werner, T. Burke, J. Tandy, M. Garrett, B. Johnson, T. Ellis, J. Mcwhirter, A. Odedra, P. Schweiger, D. Adkisson dan J. Gilleland. "Terrapower, LLC Traveling Wave Reactor Development Program Overview". *Nuclear Engineering and Technology*, vol. 45, no. 6, hal. 731-744, 2013.
- [10] Staffan Qvist dan Ehud Greenspan. "Design Space Analysis for Breed-and-Burn Reactor Core". *Nuclear Science and Engineering*, vol. 182, hal. 197-212, 2016.
- [11] Julia A. Karim, Jun Nishiyama dan Toru Obara. "CANDLE Burnup Studies for Nitride and Metallic Fuels". *Buletin Nuklear Malaysia*, vol. 15, hal. 15-16, 2014.
- [12] S. M. Feinberg dan E. Kunegin. "Discussion comment". *Proceedings of the International Conference on the Peaceful Uses for Atomic Energy 9.2*, 1958.
- [13] Alan E. Waltar, Donald R. Todd dan Pavel V. Tsvetkov. *Fast Spectrum Reactors*. Springer, New York, 2012.

- [14] Reactor Physics KHT. *Neutron Economy of Transuranic Fuels*. Reactor Physics KHT Royal Institute of Technology. Diakses dari <http://www.neutron.kth.se/courses/transmutation/NeutronEconomy/NeutronEconomy.html>, 8 November 2016.
- [15] Yonghee Kim, Donny Hartanto dan Lee J. Ik. "A Physics Study for Negative Void Reactivity in Compact Supercritical CO₂-Cooled Fast Reactor". *M&C*, pp. 683-692, 5-9 May 2013.
- [16] A. L. Lotts. *Review of Information on U-Mo Alloys and U-Mo-UO₂ Dispersion Fuels*. Laporan penelitian, Oak Ridge National Laboratory, Tennessee, 1960.
- [17] William J. Carmack. *Temperature and Burnup Correlated FCCI in U-10Zr Metallic Fuel*. Laporan penelitian, Idaho National Laboratory, Idaho, 2012.
- [18] W. C. Erickson, G. E. Jaynes, D. J. Sandstrom, R. Seegmiller dan J. M. Taub. *Evaluation of Uranium Alloys*. Laporan penelitian, Los Alamos Scientific Laboratory, New Mexico, 1972.
- [19] IAEA. *Thermophysical Properties of Materials For Nuclear Engineering: A Tutorial and Collection of Data*. Laporan penelitian, International Atomic Energy Agency, Vienna, 2008.
- [20] Peter Yarsky. *Core Design and Reactor Physics of a Breed and Burn Gas-cooled Fast Reactor*. Laporan penelitian, Massachusetts Institute of Technology, Cambridge, 2005.
- [21] Commission on Isotopic Abundance and Atomic Weights. *Current Isotopic Abundance*. Commission on Isotopic Abundance and Atomic Weights, 2015. Diakses dari <http://www.ciaaw.org/isotopic-abundances.htm>, 14 November 2016.
- [22] U.S.NRC. *Definitions*. United States Nuclear Regulatory Commission, 2 Desember 2015. Diakses dari <http://www.nrc.gov/reading-rm/doc-collections/cfr/part040/part040-0004.html>, 16 November 2016.
- [23] GulfLINK. *Environmental Exposure Report - Properties and Characteristics of DU*. Office of the Special Assistant for Gulf War Illnesses, 13 Desember 2000. Diakses dari http://www.gulflink.osd.mil/du_ii/du_ii_tabc.htm, 14 November 2016.
- [24] I. Saleh dan A. Abdel-Halim. "Determination of Depleted Uranium using a High-resolution Gamma-ray Spectrometer and its Application in Soil and Sediments". *Journal of Taibah university for Science*, vol. 10, hal. 205-211, 2016.
- [25] Vitaly Sobolev. *Database of thermophysical properties of liquid metal coolants for GEN-IV*. Laporan penelitian, Belgian Nuclear Research Centre SCK-CEN, Belgium, 2010.

- [26] L. Leibowitz dan R. A. Blomquist. *Thermal Conductivity and Thermal Expansion of Stainless Steels D9 and HT9*. Laporan penelitian, Argonne National Laboratory, Argonne, 1988.
- [27] Wikipedia. *Stainless Steel Type*. Wikipedia, 10 November 2016. Diakses dari https://en.wikipedia.org/wiki/Stainless_steel, 15 November 2016.
- [28] AK Steel. *Product Data Sheet: Stainless Steel 316/316L*. Dokumen teknis, AK Steel Corporation, West Chester, 2007.
- [29] Wikipedia. *Neutron Reflector*. Wikipedia, 14 November 2016. Diakses dari https://en.wikipedia.org/wiki/Neutron_reflector, 15 November 2016.
- [30] Wikipedia. *Demon Core*. Wikipedia, 19 November 2016. Diakses dari https://en.wikipedia.org/wiki/Demon_core, 15 November 2016.
- [31] Richard L. Miller. "Under the Cloud: The Decades of Nuclear Testing". *The Woodlands*, Two Sixty Press. hal. 68, 77, Texas, 1991.
- [32] Donny Hartanto dan Yonghee Kim. "Conceptual Study of A Long-life Prototype GEN-IV Sodium-Cooled Fast Reactor (PGSFR)". *PHYSOR - The Role of Reactor Physics Toward a Sustainable Future*, 2014.
- [33] Merck. *Material Safety Data Sheet Lead(II) oxide extra pure*. Dokumen teknis, Merck kGaA, Darmstadt, 2013.
- [34] OECD-SIDS. *SIDS Initial Assessment Report for SIAM 21: Tungsten Carbide*. Dokumen teknis, UNEP Publications, Washington, DC, 2005.
- [35] NIST. *Material Properties Charts*. Dokumen teknis, CCD Material Charts, 2013.
- [36] Donny Hartanto dan Yonghee Kim. "A Physics Study on Alternative Reflectors in a Compact Sodium-cooled Breed-and-Burn fast Reactor". *ICAPP*, hal. KD147, 14-18 April 2013.
- [37] Keisuke Okumura, Teruhiko Kugo, Kunio Kaneko dan Keichiro Tsuchihashi. *SRAC2006: A Comprehensive Neutronics Calculation Code System*. Dokumen teknis, Ibaraki-ken: JAEA, 2007.
- [38] Keisuke Okumura. *COREBN: A Core Burn-up Calculation Module for SRAC2006*. Dokumen teknis, Ibaraki-ken: JAEA, 2007.
- [39] WNA. *Plutonium*. World Nuclear Association, November 2016. Diakses dari <http://www.world-nuclear.org/information-library/nuclear-fuel-cycle/fuel-recycling/plutonium.aspx>, 27 November 2016.