

## DAFTAR PUSTAKA

- [1] Republik Indonesia, *Peraturan Pemerintah Nomor 61 Tahun 2013 tentang Pengelolaan Limbah Radioaktif*. Jakarta: Pemerintahan Indonesia, 2013.
- [2] T. Marpaung, “Kajian Pengelolaan Limbah Radioaktif Sumber Terbungkus Berdasarkan Rekomendasi Badan Tenaga Atom Internasional (IAEA),” dalam *Prosiding Seminar Nasional Teknologi Pengolahan Limbah VIII*, 2000, pp. 37–45.
- [3] Badan Pengawas Tenaga Nuklir, “Dokumen Ilmiah BAPETEN,” *Koran Jurnal Nasional*, Jakarta, p. 11, 2008.
- [4] Badan Pengawas Tenaga Nuklir, *Peraturan Kepala BAPETEN Nomor 8 Tahun 2016 tentang Pengolahan Radioaktif Tingkat Rendah dan Tingkat Sedang*. Jakarta: BAPETEN, 2016.
- [5] V. Yineke, *Penerapan Prinsip 3R (Reduce, Reuse, Recycle) dalam Pengelolaan Sampah Sebagai Upaya Pengendalian Pencemaran Lingkungan Di Kabupaten Bantul*. Yogyakarta: Universitas Atma Jaya, 2016.
- [6] D. V. Ellis dan J. M. Singer, *Well Logging for Earth Scientists*, Second Edi. Dordrecht: Springer, 2008.
- [7] H. Liu, *Principles and Applications of Well Logging*. Berlin: Springer Mineralogy, 2017.
- [8] S. Widido, S. Muhammad, dan R. Djarwanti, “Kajian Proses Daur Ulang Zat Radioaktif Terbungkus Cobalt-60 ‘Yang Sudah Tidak Digunakan’ untuk Logging Minyak dan Batubara,” dalam *Prosiding Seminar Nasional Teknologi Pengolahan Limbah XV*, 2017.
- [9] Aisyah, “Pengelolaan Sumber Radiasi Bekas Radioterapi,” dalam *Prosiding Seminar Nasional Teknologi Pengolahan Limbah VI*, 2000, pp. 46–61.
- [10] Suhartono, M. Nurhasyim, dan J. E. Putri, “Aspek Radiologi pada Penyimpanan Hasil Pengondisian Zat Radioaktif Terbungkus yang Tidak Digunakan Di Fasilitas Penyimpanan Sementara Limbah Aktivitas Tinggi (PSLAT),” dalam *Prosiding Seminar Nasional Teknologi Pengelolaan Limbah XV*, 2017, pp. 207–213.
- [11] International Atomic Energy Agency, *Review of Sealed Source Designs and Manufacturing Techniques Affecting Disused Source Management*. Vienna: Publishing Section of IAEA, 2012.



- [12] S. U. El-Kameesy, F. M. El-Hossary, M. M. Eissa, A. A. A. El-Moula, S. A. Al-Shelkamy, dan A. Saeed, "Radiation Shielding, Mechanical and Tribological Properties of Treated AISI304L Using H<sub>2</sub>/N<sub>2</sub> rf Plasma," *J. Phys.*, vol. 1254, no. 1, pp. 1–9, 2019.
- [13] International Atomic Energy Agency, *Safety of Radiation Generators and Sealed Radioactive Sources*. Vienna: Publishing Section of IAEA, 2006.
- [14] American National Standard, *Sealed Radioactive Sources, Classification*. New York: American National Standards Institute, 1977.
- [15] M. Maucec, "Implementation of Variance-Reduction Techniques for Monte Carlo Nuclear Logging Calculations with Neutron Sources," *Radiat. Prot. Dosimetry*, vol. 116, no. 1–4, pp. 498–503, 2005.
- [16] M. Azhar, *Stoikiometri: Rumus Kimia dan Persamaan Reaksi*. Padang: Sukabina Press, 2020.
- [17] H. Sastroamidjojo, *Kimia Dasar*. Yogyakarta: Gadjah Mada University Press, 2018.
- [18] Y. Sumardi, *Fisika Atom*, First Edit. Yogyakarta: UNY Press, 2018.
- [19] R. Lawson, *An Introduction to Radioactivity*. Manchester: Nuclear Medicine Department Manchester Royal Infirmary, 1999.
- [20] T. Jevremovic, *Nuclear Principles in Engineering*. New York: Springer Science+Business Media, Inc., 2005.
- [21] D. Halliday, R. Resnick, dan J. Walker, *Fisika Dasar*, Seventh Ed. Jakarta: Erlangga, 2012.
- [22] W. N. Cottingham dan D. A. Greenwood, *An Introduction to Nuclear Physics*, Second Edi. Cambridge: Cambridge University Press, 2004.
- [23] R. Chang, *Chemistry*, Tenth Edit. New York: The McGraw-Hill Companies, Inc, 2010.
- [24] Y. Wiyatmo, *Fisika Nuklir dalam Telaah Semi-klasik & Kuantum*. Yogyakarta: Pustaka Pelajar, 2006.
- [25] S. Budihardjo *et al.*, "Desain Konsep Rancang Bangun Iradiator Gamma (ISG-500) untuk Pengawetan Hasil Pertanian," dalam *Prosiding Pertemuan Ilmiah Rekayasa Perangkat Nuklir*, 2010, pp. 171–178.
- [26] P. A. Tipler dan R. A. Llewellyn, *Modern Physics*, Fifth Edit. New York: W. H. Freeman and Company, 2008.
- [27] S. H. Putero, *Pengantar Teknik Nuklir*. Yogyakarta: Universitas Gadjah Mada, 2017.





- [28] L. Subagiyo dan A. Nuryadin, *Pengantar Fisika Kuantum*. Samarinda: Mulawarman University Press, 2018.
- [29] H. Cember dan T. E. Johnson, *Introduction to Health Physic*, Fourth Edi. New York: McGraw-Hill, 2009.
- [30] G. F. Knoll, *Radiation Detection and Measurement*, Fourth Edi. Hoboken: John Wiley & Sons, Inc., 2010.
- [31] Sutomo, P. Zakaria, dan E. Karyanta, “Desain Konseptual Perisai Biologi Irradiator Gamma Co-60,” *J. Perangkat Nukl.*, vol. 6, no. 1, pp. 159–163, 2012.
- [32] R. Antoni dan L. Bourgois, *Applied Physics of External Radiation Exposure*. Cham: Springer, 2013.
- [33] N. Tsoufanidis dan S. Landsberger, *Measurement Detection of Radiation*, Fourth Edi. New York: CRC Press, 2015.
- [34] R. M. Jr, C. Gesh, R. Pagh, R. Rucker, dan R. W. III, *Compendium of Material Composition Data for Radiation Transport Modeling*, Revision 1. Washington: United States Department of Energy, 2011.
- [35] E. J. A. Romeu, “Feasibility Study for The Development of A Dose Calibrator with A Well Ionization Chamber,” dalam *International Symposium on Nuclear and Related Techniques*, 2015, pp. 1–4.
- [36] A. Aziz, “Evaluasi Kinerja Dose Calibrator Capintec CRC-55tR untuk Pengukuran Aktivitas Radioisotop Yb-175,” dalam *Prosiding Seminar Nasional Sains dan Teknologi Nuklir*, 2013, pp. 53–60.
- [37] J. F. Briesmeister, *MCNP-A General Monte Carlo N-Particle Transport Code Version 4B*. Tennessee: Los Alamos Laboratory, 1997.
- [38] Rasito, Zufahri, S. Sofyan, F. Fitriah, dan Widanda, “Karakterisasi Limbah Radioaktif Cair dengan Spektrometer Gamma Portabel dan Teknik Monte Carlo,” dalam *Teknologi Pengelolaan Limbah VIII*, 2000, pp. 47–56.
- [39] J. Armstrong *et al.*, *MCNP User’s Manual*, Code Versi. California: Los Alamos National Security, 2017.
- [40] Peleponesus, “Perbedaan Stainless Steel 316 & 316L,” *Wijaya Makmur Sentosa*. Tersedia online di <https://wijayamakmur.com/1822/artikel-perbedaan-stainless-steel-316-316l/>. [Diakses: 17 Juli 2022].
- [41] J. H. Hubbell dan S. M. Seltzer, *X-Ray Mass Attenuation Coefficients*. Gaithersburg: National Institute of Standards and Technology, 2004.
- [42] V. P. Singh dan N. M. Badiger, “Gamma Ray and Neutron Shielding Properties of Some Alloy Materials,” *Ann. Nucl. Energy*, vol. 64, no. 1, pp. 301–310, 2014.





- [43] Kansas Geological Survey, “Nuclear Logging,” 2017. Tersedia online di [https://www.kgs.ku.edu/Publications/Bulletins/LA/04\\_nuclear.html](https://www.kgs.ku.edu/Publications/Bulletins/LA/04_nuclear.html). [Diakses: 08 Agustus 2022].
- [44] Columbia University, “Logging-While-Drilling Geovision Tool.” Tersedia online di [https://mlp.ldeo.columbia.edu/logdb/technology/schlumberger-lwd-tools/logging-while-drilling-geovision-tool/?utm\\_source=rss&utm\\_medium=rss&utm\\_campaign=logging-while-drilling-geovision-tool](https://mlp.ldeo.columbia.edu/logdb/technology/schlumberger-lwd-tools/logging-while-drilling-geovision-tool/?utm_source=rss&utm_medium=rss&utm_campaign=logging-while-drilling-geovision-tool). [Diakses: 08 Agustus 2022].
- [45] H. Kodrat, R. Susworo, T. Amalia, dan R. R. Sabariani, “Radioterapi Konformal Tiga Dimensi dengan Pesawat Cobalt-60,” *J. Radioter. Onkol. Indones.*, vol. 7, no. 1, pp. 37–42, 2016.

