



DAFTAR PUSTAKA

- [1] S. B. Rao, "Biological bases for the revision of dose limits to the eye lens," *Journal of Medical Physics*, 2016.
- [2] E. Hiswara, Proteksi dan Keselamatan Radiasi di Rumah Sakit, Jakarta: Batan Press, 2015.
- [3] D. S. Wisnubroto, Pengelolaan Limbah Radioaktif: Menjamin Keselamatan Generasi Saat Ini dan Mendatang, Yogyakarta: CV Nas Media Pustaka, 2020.
- [4] H. Manjunatha, S. L , S. KN and ChikkaHanumantharayappa, "Study of gamma/X-ray interaction in Kondo insulators," *X-Ray Spectrometry*, pp. 1-12, 2017.
- [5] R. S. Budi and R. Syaifudin, "Analisis Keselamatan Radiasi Gedung Laboratorium Radiografi Pustekroket Lapan Secara Teknis dan Legal," *Jurnal Teknologi Dirgantara*, vol. 17, pp. 101-108, 2019.
- [6] A. H. Tsurayya, Pemodelan Shielding Berbahan Parafin dan Aluminium untuk Fasilitas BNCT Menggunakan Simulator MCNP, Yogyakarta: Universitas Negeri Yogyakarta, Skripsi, 2017.
- [7] Mensah, W. O, J. J. Fletcher, Danso and Kwaku A, "Assessment of Radiation Shielding of Polyester Steel Composite Using MCNP5," *International Journal of Science and Technology*, vol. 7, no. 2, 2012.
- [8] V. P. SIgh, M. Medhat and S. Shirmardi, "Comparative Studies on Shielding Properties of Some Steel Alloys Using Genat4, MCNP, WinXCOM, and Experimental Result," *Radiation Physics and Chemistry*, vol. 106, pp. 255-260, 2015.
- [9] A. Fikri, Analisis Perhitungan Dosis Radiasi Pada Almari Penyimpanan Sumber Zat Radioaktif dengan MCNP, Skripsi, 2021.
- [10] N. Tsoufanidis and S. Landsberger, *Measurement and Detection of Radiation*, Boca Raton: CRC Press, 2015.
- [11] G. F. Knoll, *Radiation Detection and Measurement*, USA: John Willey & Sons, Inc., 2010.





UNIVERSITAS
GADJAH MADA

**MODEL BENCHMARK PERHITUNGAN DOSIS PADA ALMARI PENYIMPANAN SUMBER ZAT
RADIOAKTIF DENGAN MCNP (MONTE
CARLO N-PARTICLE)**

MUHAMMAD NUR HIDAYAT, Dr. Ing.- Sihana

Universitas Gadjah Mada, 2021 | Diunduh dari <http://etd.repository.ugm.ac.id/>

- [12] M. Ragheb, "Gamma Rays Interaction With Matters," 31 1 2019. [Online]. Available: <https://www.coursehero.com/file/11592800/Gamma-Rays-Interactions-with-Matter/>. [Accessed 30 11 2021].
- [13] J. Sumanto, S. Bachtiar and A. Jalil , "Kajian Kinerja Sistem antara Detektor NaI(Tl) dan CsI(Tl) untuk Perangkat Renograf Portabel Jinjing," *Prosiding Pertemuan Ilmiah Rekayasa Perangkat Nuklir*, pp. 45-54, 2011.
- [14] G. Prayitno, "Pembuatan Detektor Neutron Termal Gas Isian 8F3," *Jurnal Prima*, vol. 3, pp. 32-38, 2006.
- [15] J. Zeb, W. Arshed , A. Rashid and P. Akhter, *Gamma Shielding by Aluminium*, Islamabad: Pakistan Institute of Nuclear and Technology, 2010.
- [16] BAPETEN, Peraturan Kepala Badan Pengawas Tenaga Nuklir Nomor 6 Tahun 2020 Tentang Keselamatan Radiasi dalam Produksi Radioisotop dan Radiofarmaka, Jakarta: Dokumen Teknis Bapeten.
- [17] A. Johansen , *International Encyclopedia of Education (Third Edition)*, Elsevier Science, 2010.
- [18] J. Briesmesister, *MCNP TM A General Monte Carlo N Particle Transport Code Version 4C*, LANL, 2000.
- [19] D. Pelowitz, *MCNP X TM User's Manual*, Los Angeles: LANL, 2008.

