

## DAFTAR PUSTAKA

- [1] BATAN. *Perangkat Reaktor Subkritik untuk Memproduksi <sup>99</sup>Mo*. PATEN. Paten no P-00200500760. DJKI. Jakarta. 2005
- [2] Tegas Sutondo, Syarip, dan Slamet Santoso. *Safety Design Limits of Main Components of The Proposed SAMOP System*. Dokumen Teknis. Research Gate, 2015
- [3] Daniela Baldova, J. Kučera, Ladislav Viererbl dan Jan Uhlř. *Feasibility Study of <sup>233</sup>Pa and <sup>233</sup>U Determination in Neutron Irradiated Thorium for Future Applications in Thorium–Uranium*. Jurnal, *Journal of Radioanalytical and Nuclear Chemistry*. Research Gate, 2010
- [4] Carl-Magnus Persson. *Reactivity Determination and Monte Carlo Simulation of the Subcritical Reactor Experiment – “Yalina”*. Tesis, *Departement of Nuclear and Reactor Physics KTH*, Stockholm, 2005
- [5] Topan Setiadipura, Elfride Saragi. *Neutronic Aspect of Subcritical Assembly for <sup>99</sup>Mo Production (SAMOP) Reactor*. Dokumen Teknis. Research gate, 2015
- [6] IAEA. *Thorium fuel cycle — Potential benefits and challenges*, IAEA, Mei 2005
- [7] IAEA. *Homogeneous Aqueous Solution Nuclear Reactors for the Production of <sup>99</sup>Mo and Other Short Lived Radioisotopes*. IAEA, September 2008
- [8] Ngadenin, Heri Syaeful, Kurnia Setiawan Widana dan Muhammad Nurdin, *Potensi Thorium dan Uranium di Kabupaten Bangka Barat*. Eksplorium. BATAN, November 2014
- [9] R Ramanna dan S M Lee, *The Thorium Cycle for Fast Breeder Reactors*. Dokumen Teknis. *Pramana-J.Phys.*, Vol. 27, Nos 1 & 2, Juli & Agustus 1986
- [10] M. Ragheb. *Neutron Cross Section*. 2014

- [11] *International Symposium on Nuclear Fuel Cycle and Reactor Strategies: Adjusting to New Realities*. Dokumen Teknis, IAEA, 1997
- [12] Yohanes Sardjono, Andang Widi Harto, Ilma M. Arrozaqi, Irhas, Bambang Hadi Santoso, Helmi Tanthawi. *Pengantar Monte Carlo N-Particle*. Galangpress, Yogyakarta, 2015
- [13] *Production and Supply of Molybdenum-99*. Dokumen Teknis, NTR2010 Supplement, IAEA GC 54th, 2010
- [14] Maroor Raghavan Ambikalmajan Pillai, Ashutosh Dash, dan F.F. (Russ) Knapp, Jr. *Sustained Availability of <sup>99m</sup>Tc: A Possible Path Forward*. The Journals of Nuclear Medicine Vol 54, 2013
- [15] I. Saptiama, Herlina, Sriyono, E. Sarmini, Abidin dan Kadarisman, *Pembuatan Radionuklida Molibdenum-99 Hasil Aktivasi Neutron dari Molibdenum Alam Untuk Memperoleh Teknesium-99m*. Dokumen Teknis. BATAN, 2016
- [16] Indra Yuwono, *Perhitungan Hasil Fisi Kritikalitas Larutan Uranium-235 dan Dosis Radiasinya*. Dokumen Teknis. BATAN, 1996
- [17] Weston M. Stacey. *Nuclear Reactor Physics*. John Wiley & Sons, Inc., New York, 2001
- [18] James J. Duderstadt, Louis J. Hamilton. *Nuclear Reactor Analysis*. John Wiley & Sons, Inc., New York, 1976
- [19] Denise B. Pelowitz. *MCNPX User's Manual*. Dokumen teknis, Version 2.6.0, LANL, 2008
- [20] Rasito. *Pengenalan MCNP Untuk Pengkajian Dosis*. Pusdiklat BATAN, 2013
- [21] *Laporan Analisis Keselamatan SAMOP*. Dokumen teknis, PSTA BATAN, Yogyakarta, 2007
- [22] *Java-based Nuclear Data Information System 4.0*