

## DAFTAR PUSTAKA

- [1] Eryurek, Evren; Upadhyaya, Belle R.; “Application of Neural Networks for Sensor Validation and Plant Monitoring,” *Nuclear Technology*, vol. 97, 27 June 1991.
- [2] Eryurek, Evren; Turkcan, E.; “Neural Networks for Sensor Validation and Plant-Wide Monitoring,” *Netherlands Energy Research Foundation ECN, Nuclear Europe Worldscan*, vol. 12, pp. 72-74, 1992.
- [3] Guo, Zhichao; Uhrig, Robert E.; “Nuclear Power Plant Performance Study by Using Neural Networks,” *IEEE Transactions on Nuclear Science*, vol. 39, 1992.
- [4] X. Xu, J. W. Hines dan R. E. Uhrig, “Sensor Validation and Fault Detection Using Neural Network,” dalam *Proceeding Maintenance and Reliability Conference (MARCON 97)*, Knoxville, TN, 1997.
- [5] Nabeshima, Kunihiko; Suzudo, Tomoaki; Suzuki, Katsuo; Turkcan, E.; “Real-time Nuclear Power Plant Monitoring with Neural Network,” *Journal of Nuclear Science and Technology*, vol. 35, pp. 93-100, February 1998.
- [6] Nabeshima, Kunihiko; Kurniant, Kristedjo; Surbakti, Tukiran; Pinem, Surian; Subekti, Muhammad; Minakuchi, Yusuke; Kudo, Kazuhiko; “On-line Reactor Monitoring with Neural Network for RSG-GAS,” 2015.
- [7] Santosh, T.V.; Vinod, Gopika; Saraf, R.K.; Ghosh, A.K.; Kushwaha, H.S.; “Application of Artificial Neural Networks to Nuclear Power Plant Transient Diagnosis,” *Reliability Engineering and System Safety*, vol. 92, pp. 1468-1472, 2007.
- [8] A. Messai; , A. Mellit; , I. Abdellani; Pavan, A. Massi ;, “On-line fault detection of a fuel rod temperature measurement sensor in a nuclear reactor core using ANNs,” *Progress in Nuclear Energy*, vol. 79, pp. 8-21, 2014.
- [9] Pirouzmand, Ahmad; Dehdashti, Morteza Kazem; “Estimation of relative power distribution and power peaking factor in a VVER-1000 reactor core using artificial neural networks,” *Progress in Nuclear Energy*, vol. 85, pp. 17-27, 2015.
- [10] P. Jiwandono, “Skripsi: Desain Sistem Pemantauan Sinyal Sensor Abnormal pada Reaktor Serba Guna G.A. Siwabessy Menggunakan Jaringan Saraf Tiruan,” Yogyakarta, 2015.

- [11] Physics Elearning, *Nuclear Reactor - Understanding how it works*.
- [12] K.Nabeshima, “Online NPP Monitoring with Neuro-Expert System,” dalam *Prosiding Seminar ke - 7 Teknologi dan Keselamatan PLTN Serta Fasilitas Nuklir*, Bandung, 2002.
- [13] C. M. Bishop, *Neural Networks for Pattern Recognition*, Oxford: Clarendon Press, 1995.
- [14] Cengel, Yunus A; Boles, Michael A;, *Thermodynamics An Engineering Approach*, Fifth penyunt.
- [15] Guo, Yun; Gong, Cheng; Zeng, He-yi;, “The Application of Neural Network in Nuclear Energy,” dalam *Ninth International Conference on Machine Learning and Cybernetics*, Qingdao, 2010.
- [16] , T. Jayalakshmi; , A.Santhakumaran;, “Statistical Normalization and Back Propagation for Classification,” *International Journal of Computer Theory and Engineering*, vol. 3, pp. 1793-8201, February 2011.
- [17] “Laporan Analisis Keselamatan RSG-GAS rev.10,” 2008.