

DAFTAR PUSTAKA

- Abawajy, J., & Robles, R. J. (2010). Secured Communication Scheme for SCADA in Smart Grid Environment. *Journal of Security Engineering*, 7(6), 575–584.
- Abimanyu, A., Jumari, Yuliansari, D., Kusuma, G., & Sukarman. (2013). Design Mini Scada For Furnace Induction Reactor Of Kernel Coating. In *International Conference on Computer, Control, Informatics and Its Applications* (pp. 195–200).
- Anonymous. (2007). *Pressurized Water Reactor Power Plant*.
- Arda, S. E., & Holbert, K. E. (2014). Implementing a Pressurized Water Reactor Nuclear Power Plant Model into Grid Simulations.
- Ashby M.F and Smidman M. (2010). *Nuclear Power Plants. Mfa* (Vol. 1.1).
- Darwish, K. W., Ali, A. R. A., & Dhaouadi, R. (2008). Virtual SCADA Simulation System for Power Substation, 322–326.
- Desai, P., Mahale, S., Desai, P., & Karamchnadani, S. (2014). Smart SCADA and Automation System in Power Plants. *International Journal of Current Engineering and Technology*, 4(5), 3484–3488.
- Dong, Z., Huang, X., & Feng, J. (2009). Water-Level Control for the U-Tube Steam Generator of Nuclear Power Plants Based on Output Feedback Dissipation. *IEEE Transactions on Nuclear Science*, 56(3), 1600–1612.
- Fernandez, E. B., & Larrondo-Petrie, M. M. (2010). Designing secure SCADA systems using security patterns. In *Proceedings of the 43rd Hawaii International Conference on System Sciences* (pp. 1–8).
- Generation, O. P. (2010). *How Does a Nuclear Power Plant Work*.
- Giraldo, J. S., Gotham, D. J., Nderitu, D. G., Preckel, P. V., & Mize, D. J. (2012). *Fundamentals of Nuclear Power*.
- Guo, S., & Chen, Y. (2013). Study on Transient Modeling for Nuclear Steam Generator. In *International Conference on System Engineering and Technology* (pp. 19–20).

- Ha, J. S. (2014). A Human-machine Interface Evaluation Method Based on Balancing Principles. *24th DAAAM International Symposium on Intelligent Manufacturing and Automation*, 69, 13–19. <http://doi.org/10.1016/j.proeng.2014.02.197>
- Hadžiosmanović, D., Bolzoni, D., & Hartel, P. H. (2012). A log mining approach for process monitoring in SCADA. *International Journal of Information Security*, 11(4), 231–251. <http://doi.org/DOI 10.1007/s10207-012-0163-8>
- Hussain, S., Bhatti, A. I., Samee, A., & Hameed Qaiser, S. (2013). Estimation of reactivity and average fuel temperature of a pressurized water reactor using sliding mode differentiator observer. *IEEE Transactions on Nuclear Science*, 60(4), 3025–3032.
- Jin, M. A., Yongling, L. I., Yu, H., Bingshu, W., & Afang, C. (2011). Mechanism Model and Simulation of Pressurizer in the Pressurized Water Reactor Nuclear Power Plant. In *Proceedings of the 30th Chinese Control Conference* (pp. 1538–1543).
- Johannsen, G. (2004). Auditory displays in human-machine interfaces. *Proceedings of the IEEE*, 92(4), 742–758.
- Kumar, R., Dewal, M. L., & Saini, K. (2010). Utility of SCADA in Power Generation and Distribution System. In *Proceedings - 2010 3rd IEEE International Conference on Computer Science and Information Technology, ICCSIT 2010* (Vol. 6, pp. 648–652).
- Lahti, J. P., Shamsuzzoha, A., & Kankaanpaa, T. (2011). Web-based technologies in Power Plant Automation and SCADA Systems: A Review and Evaluation. *IEEE International Conference on Control System, Computing and Engineering*, 279–284.
- Lakhoua, M. N. (2013). SCADA application of a Water Steam Cycle of a Thermal Power Plant. *International Journal of Simulation Modelling*, 10(1), 5–16.
- Lyerly, R. L., & Mitchell, W. (1973). *Nuclear Power Plants*.
- Marsudi, D. (2011). *Pembangkitan Energi Listrik*. Jakarta: Penerbit Erlangga.
- Mayadevi, N., Ushakumari, S. S., & Vinodchandra, S. S. (2014). SCADA-based Operator Support System for Power Plant Equipment Fault Forecasting. *Journal of The Institution of Engineers (India): Series B*, 95(December), 369–376. <http://doi.org/DOI 10.1007/s40031-014-0117-9>

- Mollah, M. B., Ullah, M. A., Moxumder, M. Y., & Islam, S. S. (2012). Concept design for SCADA system using Cognitive Radio based IEEE 802.22 for power system. In *Proceedings of the 2012 IEEE International Conference on Cyber Technology in Automation, Control and Intelligent Systems* (pp. 109–114).
- Normanyo, E., Husinu, F., & Agyare, O. R. (2014). Developing a Human Machine Interface (HMI) for Industrial Automated Systems using Siemens Simatic WinCC Flexible Advanced Software. *Journal of Emerging Trends in Computing and Information Sciences*, 5(2), 134–144.
- Patil, C. S. M. P., Sonawane, H. M. M., & Patil, K. G. (2014). Overview of SCADA Application in Thermal. *International Journal of Advanced Electronics & Communication Systems*, 15.
- Portilla, N. B., Queiroz, M. H. de, & Cury, J. E. (2014). Integration of supervisory control with SCADA system a flexible manufacturing cell, 261–266.
- Schneider, G., De Lima, V. F., Scherer, L. G., De Camargo, R. F., & Franchi, C. M. (2013). SCADA System Applied to Micro Hydropower Plant. In *IECON Proceedings (Industrial Electronics Conference)* (pp. 7205–7209).
- Teollisuuden Voima Oyj. (2010). Nuclear Power Plant Unit Olkiluoto 3.
- Uchiyama, T., Kawaguchi, K., & Wakabayashi, T. (2011). Effect of Simultaneous Consideration for Seismically Induced Events on Core Damage Frequency. *Journal of Power and Energy Systems*, 5(3), 360–375.
- Wu, J., Cheng, Y., & Schulz, N. N. (2006). Overview of Real-Time Database Management System Design for Power System SCADA System. *Proceedings of the IEEE South East Conference*, 62–66.
- Xiong, L. X. L., Liu, D. L. D., Wang, B. W. B., Wu, P. W. P., Zhao, J. Z. J., & Shi, X. S. X. (2009). Dynamic Characteristics Analyse of Pressurized Water Reactor Nuclear Power Plant Based on PSASP. *2009 4th IEEE Conference on Industrial Electronics and Applications*, 3629–3634.
- Zaw, A. M., & Tun, H. M. (2014). Design and Implementation of SCADA System Based Power Distribution for Primary Substation (Monitoring System). *International Journal of Science, Engineering and Technology Research (IJSETR)*, 3(5), 1542–1546.
- Zhang, G., Yang, X., Ye, X., Xu, H., Lu, D.-Q., & Chen, W. (2012). Research on Pressurizer Water Level Control of Pressurized Water Reactor Nuclear Power Station. *Energy Procedia*. <http://doi.org/10.1016/j.egypro.2012.01.136>

Zhi, Z., & Lisheng, H. U. (2011). Performance Assessment for the Water Level Control System in Steam Generator of the Nuclear Power Plant. In *Proceedings of the 30th Chinese Control Conference* (pp. 5842–5847).

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