

DAFTAR PUSTAKA

1. Wang, P., Wan, J., Chen, Z., Sun, J., Zhang, R., He, Z., and Zhao, F. 2014. Dynamic simulation and study of Mechanical Shim (MSHIM) core control strategy for AP1000 reactor. *Annals of Nuclear Energy*. 72:49–62.
2. Harjanto, N.T. 2008. Dampak lingkungan pusat listrik tenaga fosil dan prospek pltn sebagai sumber energi listrik nasional . *Jurnal BATAN*. 1:39–50.
3. Samet, J.M. and Chanson, D. 2015. Fukushima Daiichi Power Plant Disaster. 1:51.
4. Akiyama, N., Sato, H., Naito, N., Naoi, Y., and Katsuta, T. 2012. The Fukushima Nuclear Accident and Crisis Management-Lessons for Japan-U.S. Alliance Cooperation-. The Sasakawa Peace Foundation. 5:135.
5. Antariksawan, A.R. and Juarsa, M. 2018. Keselamatan Raktor Nuklir : Kecelakaan Dasar Desain dan Kecelakaan Parah. *Journal of Chemical Information and Modeling*. Jakarta;1:47-106
6. Pal, E., Kumar, M., Joshi, J.B., Nayak, A.K., and Vijayan, P.K. 2015. CFD simulations of moderator flow inside Calandria of the Passive Moderator Cooling System of an advanced reactor. *Nuclear Engineering and Design*. 292:193–203.
7. Park, R.J., Ha, K.S., and Kim, H.Y. 2016. Detailed evaluation of natural circulation mass flow rate in the annular gap between the outer reactor vessel wall and insulation under IVR-ERVC. *Annals of Nuclear Energy*. 89:5–50. <http://dx.doi.org/10.1016/j.anucene.2015.11.022>
8. Zhang, J., Shen, X., Fujihara, Y., Sano, T., Yamamoto, T., and Nakajima, K. 2015. Experimental study on the safety of Kyoto University Research Reactor at natural circulation cooling mode. *Annals of Nuclear Energy*. 76:20–41. <http://dx.doi.org/10.1016/j.anucene.2014.10.010>
9. Vijayan, P.K. 2002. Experimental observations on the general trends of the steady state and stability behaviour of single-phase natural circulation loops.

- Nuclear Engineering and Design. 215:52–139.
10. Antariksawan, A.R., Juarsa, M., Haryanto, D., Kusuma, M.H., and Putra, N. 2018. Simulation Of Operational Conditions Of Fassip-02 Natural Circulation Cooling System Experimental Loop. 1287:1–26.
 11. Juarsa, M., Antariksawan, A.R., Kusuma, M.H., Haryanto, D., and Putra, N. 2018. Estimation of natural circulation flow based on temperature in the FASSIP-02 large-scale test loop facility. IOP Conference Series: Earth and Environmental Science. 105:1–7.
 12. IAEA Tecdoc. 2016. Design Safety Considerations for Water Cooled Small Modular Reactors Incorporating Lessons Learned from the Fukushima Daiichi Accident. IAEA-TECDOC. 1785:140.
 13. C. Allen. 1993. Thermophysical Properties of Saturated Light and Heavy Water for Advanced Neutron Source Applications. 1:9-25.
 14. Incropera, F.P. and DeWitt, D.P. 2002. Fundamentals of Heat and Mass Transfer. Wiley; 5:186.
 15. Cengel, Y.A. and Boles, M.A. 2006. Thermodynamics: An Engineering Approach. 5:280.
 16. Heru, B., Giarno, Haryanto, D., Juarsa, M., and Arif, A. 2019. Pengembangan Sistem Kontrol Pemanas pada FASSIP-02 Mod.1 berbasis LabVIEW. Seminar Nasional Energi Telekomunikasi dan Otomasi. Bandung; 2:147–155.

