

NUREG report (共 29 篇)

1. Jong-Rong Wang, Hao-Tzu Lin, Chunkuan Shih, “Assessment of the TRACE Code Using Transient Data from Maanshan PWR Nuclear Power Plant”, NUREG/IA-0241, 2010.
2. Jong-Rong Wang, Chin-Jang Chang, Hao-Tzu Lin, Wei-Xiang Zhuang, Chunkuan Shih, “The development and verification of TRACE model for IIST experiments”, NUREG/IA-0252, 2011.
3. Jong-Rong Wang, Hao-Tzu Lin, Jung-Hua Yang, Chunkuan Shih, “The development and verification of TRACE model for Maanshan nuclear power plant LOCA”, NUREG/IA-0404, 2012.
4. Jong-Rong Wang, Chiung-Wen Tsai, Hao-Tzu Lin, Chunkuan Shih, “Performing Uncertainty Analysis of IIST Facility SBLOCA by TRACE and DAKOTA”, NUREG/IA-0428, 2013.
5. Jong-Rong Wang, Tsung-Sheng Feng, Hao-Tzu Lin, Chunkuan Shih, “Analysis of Loss of Feedwater Heater Transients for Lungmen ABWR by TRACE/PARCS”, NUREG/IA-0429, 2013.
6. Jong-Rong Wang, Kai-Chun Huang, Hao-Tzu Lin, Chunkuan Shih, “TRACE Simulation of SBO Accident and Mitigation Strategy in Maanshan PWR”, NUREG/IA-0430, 2013.
7. Jong-Rong Wang, Hao-Tzu Lin, Chia-Ying Chang, Chunkuan Shih, “The FSAR transients analysis of Lungmen ABWR using TRACE/PARCS”, NUREG/IA-0431, 2013.
8. Jong-Rong Wang, Chia-Ying Chang, Hao-Tzu Lin, Chunkuan Shih, “The Development and Application of TRACE/PARCS Model for Lungmen ABWR”, NUREG/IA-0434, 2013.
9. Jong-Rong Wang, Che-Hao Chen, Hao-Tzu Lin, Chunkuan Shih, “ Assessment of LONF ATWS for Maanshan PWR Using TRACE Code”, NUREG/IA-0436, 2014.
10. Jong-Rong Wang, Chun-Yu Chen, Hao-Tzu Lin, Chunkuan Shih, “Sensitivity Study of the DEG LBLOCA Transient on the Counter-Current Flow Limitation by Using TRACE”, NUREG/IA-0437, 2014.
11. Jong-Rong Wang, Ai-Ling Ho, Hao-Tzu Lin, Chunkuan Shih, “ATWS Analysis of Lungmen ABWR for MSIV Closure Transient”, NUREG/IA-0438, 2014.
12. Jong-Rong Wang, Kai Wang, Hao-Tzu Lin, Chunkuan Shih, “TRACE Analysis on Heat Removal Decrease Accidents for AP1000”, NUREG/IA-0439, 2014.
13. Jong-Rong Wang, Chun-Yu Chen, Hao-Tzu Lin, Chunkuan Shih, “The

- Alternate Mitigation Strategies Study of Chinshan BWR/4 by Using the LOCA and SBO Analysis of TRACE”, NUREG/IA-0440, 2014.
14. Jong-Rong Wang, Hao-Tzu Lin, Hsiung-Chih Chen, Chunkuan Shih, “The Establishment and Assessment of Chinshan (BWR/4) Nuclear Power Plant TRACE/SNAP Model”, NUREG/IA-0445, 2014.
 15. Jong-Rong Wang, Jung-Hua Yang, Hao-Tzu Lin, Chunkuan Shih, “Uncertainty Analysis for Maanshan LBLOCA by TRACE and DAKOTA”, NUREG/IA-0448, 2014.
 16. Chunkuan Shih, Hao-Tzu Lin, Jong-Rong Wang, Hsiung-Chih Chen, Show-Chyuan Chiang, Chia-Chuan Liu, “The Development and Application of Kuosheng (BWR/6) Nuclear Power Plant TRACE/SNAP Model”, NUREG/IA-0450, 2014.
 17. Chunkuan Shih, Jong-Rong Wang, Hao-Tzu Lin, Yu Chiang, “The Establishment and Assessment of Kuosheng (BWR/6) NPP Dry-storage System TRACE/SNAP Model”, NUREG/IA-0451, 2015.
 18. Chunkuan Shih, Jong-Rong Wang, Hao-Tzu Lin, Hui-Chen Wang, Show-Chyuan Chiang, Chia-Chuan Liu, “Spent Fuel Pool Safety Analysis of TRACE in Chinshan NPP”, NUREG/IA-0452, 2015.
 19. Chunkuan Shih, Ai-Ling Ho, Jong-Rong Wang, Hao-Tzu Lin, Show-Chyuan Chiang, Chia-Chuan Liu, “Analysis of the control rod drop Accident (CRDA) for Lungmen ABWR”, NUREG/IA-0455, 2015.
 20. Chunkuan Shih, Jung-Hua Yang, Jong-Rong Wang, Hao-Tzu Lin, Show-Chyuan Chiang, Chia-Chuan Liu, “BEPU Analysis and Benchmark with IIST 2% SBLOCA Experiment Using TRACE/DAKOTA”, NUREG/IA-0456, 2015.
 21. Chunkuan Shih, Hao-Chun Chang, Jong-Rong Wang, Shao-Wen Chen, Hao-Tzu Lin, Show-Chyuan Chiang, Tzu-Yao Yu, “RELAP5/MOD3.3 Model Assessment and Hypothetical Accident Analysis of Kuosheng Nuclear Power Plant with SNAP Interface”, NUREG/IA-0464, 2016.
 22. Chunkuan Shih, Hao-Chun Chang, Jong-Rong Wang, Shao-Wen Chen, Hao-Tzu Lin, Show-Chyuan Chiang, Tzu-Yao Yu, “Fuel Rod Properties and Uncertainty Analysis during Overpressurization Transient for Kuosheng Nuclear Power Plant with TRACE/FRAPTRAN/DAKOTA codes in SNAP interface”, NUREG/IA-0465, 2016.
 23. Chunkuan Shih, Jung-Hua Yang, Jong-Rong Wang, Shao-Wen Chen, Show-Chyuan Chiang, Tzu-Yao Yu, “Fuel Rod Behavior and Uncertainty Analysis by FRAPTRAN/TRACE/DAKOTA Code in Maanshan LBLOCA”, NUREG/IA-0471, 2016.
 24. Chunkuan Shih, Jong-Rong Wang, Shao-Wen Chen, Hao-Chun Chang, Show-Chyuan Chiang, Tzu-Yao Yu, “RELAP5/MOD3.3 Model Assessment of

- Maanshan Nuclear Power Plant with SNAP Interface”, NUREG/IA-0472, 2016.
25. Chunkuan Shih, Jong-Rong Wang, Ai-Ling Ho, Shao-Wen Chen, Show-Chyuan Chiang, Tzu-Yao Yu, “Main Steam Line Break Analysis for Lungmen ABWR”, NUREG/IA-0476, 2016.
 26. Jong-Rong Wang, Chunkuan Shih, Hao-Chun Chang, Shao-Wen Chen, Show-Chyuan Chiang, Tzu-Yao Yu, “Thermal Hydraulic and Fuel Rod Mechanical Combination Analysis of Kuosheng Nuclear Power Plant with RELAP5 MOD3.3/FRAPTRAN/Python in SNAP Interface”, NUREG/IA-0477, 2016.
 27. Jong-Rong Wang, Chunkuan Shih, Jung-Hua Yang, Hsiung-Chih Chen, Shao-Wen Chen, Show-Chyuan Chiang, Tzu-Yao Yu, “TRACE/SNAP Model Establishment of Chinshan Nuclear Power Plant for Ultimate Response Guideline”, NUREG/IA-0478, 2017.
 28. Jong-Rong Wang, Chunkuan Shih, Shao-Wen Chen, Yung-Shin Tseng, Yu Chiang, Wan-Yun Li, Jung-Hua Yang, Hsiung-Chih Chen, Show-Chyuan Chiang, Tzu-Yao Yu, “Using TRACE, MELCOR, CFD, and FRAPTRAN to Establish the Analysis Methodology for Chinshan Nuclear Power Plant Spent Fuel Pool”, NUREG/IA-0482, 2018.
 29. Chunkuan Shih, Jong-Rong Wang, Shao-Wen Chen, Jian-Ting Chen, Yuh-Ming Ferng, Ting-Yi Wang, Hsien-Lang Chiu, “Loss of Flow Analysis of Maanshan Nuclear Power Plant With RELAP5/SNAP”, NUREG/IA-0483, 2018.

SCI paper (共54 篇):

1. Jong-Rong Wang, Chunkuan Shih, “Establishment and application of Kuosheng BWR/6 channel flow stability map with RETRAN02/MOD5 code”, *Annals of Nuclear Energy*, Vol. 20, pp. 71-81, 1993.
2. Hao-Tzu Lin, Jong-Rong Wang, Chang-Lung Hsieh, Chun-kuan Shih, Show-Chyuan Chiang, Tung-Li Weng, “Kuosheng BWR/6 stability analysis with LAPUR5 code”, *Annals of Nuclear Energy*, Vol. 33, pp.289-299, 2006.
3. Yi-Hsiang Cheng, Chunkuan Shih, “Maximizing the cooling capacity and COP of two-stage thermoelectric coolers through genetic algorithm”, *Applied Thermal Engineering*, Vol. 26, pp. 937–947, 2006.
4. Yi-Hsiang Cheng & Chunkuan Shih, “Optimizing the arrangement of two-stage thermoelectric coolers through genetic algorithm,” *JSME International Journal: Series B: Fluids and Thermal Engineering*, Vol. 49, No. 3, pp. 831-838, 2006.
5. Hui-Wen Huang, Chunkuan Shih, Swu Yih, Ming-Huei Chen, “Software failure events derivation and analysis by frame-based technique”, *Annals of Nuclear Energy*, Vol. 34, pp. 307 – 318, 2007.
6. Hui-Wen Huang, Chunkuan Shih, Swu Yih, Ming-Huei Chen, Jiin-Ming Lin, “Model extension and improvement for simulator-based software safety analysis”, *Nuclear Engineering and Design*, Vol. 237, pp. 955–971, 2007.
7. Jong-Rong Wang, Hao-Tzu Lin, Chun-kuan Shih, Chang-Lung Hsieh, Tung-Li Weng, Show-Chyuan Chiang, “In-phase and out-of-phase modes stability analysis with LAPUR5 code for Kuosheng”, *Annals of Nuclear Energy*, Vol. 35, p.277-284, 2008.
8. Chang-Lung Hsieh, Hao-Tzu Lin, Jong-Rong Wang, Show-Chyuan Chiang, Tung-Li Weng, Chunkuan Shih, “A sensitivity study of BWR instability over global and regional modes at different exposures”, *Nuclear Engineering and Design*, Vol. 238, pp. 3468-3474, 2008.
9. Hui-Wen Huang, Chunkuan Shih, Swu Yih, Ming-Huei Chen, “System-level hazard analysis using the sequence-tree method”, *Annals of Nuclear Energy*, Vol. 35, pp. 353 – 362, 2008.
10. Yi-Hsiang Cheng, Chunkuan Shih, Sow-Chyuan Jiang, Tong-Li Weng, “Development of accident dose consequences simulation software for nuclear emergency response applications”, *Annals of Nuclear Energy*, Vol. 35, pp. 917–926, 2008.
11. Hui-Wen Huang, Chunkuan Shih, Swu Yih, Ming-Huei Chen, “Integrated software safety analysis method for digital I&C systems”, *Annals of Nuclear Energy*, Vol. 35, pp. 1471–1483, 2008.
12. Yi-Hsiang Cheng, Chunkuan Shih, Sow-Chyuan Jiang, Tong-Li Weng, “Improvement of accident dose consequences simulation software for nuclear emergency response applications”, *Annals of Nuclear Energy*, Vol. 35, pp. 1864 – 1877, 2008.

13. Chang-Lung Hsieh, Hao-Tzu Lin, Jong-Rong Wang, Show-Chuyan Chiang, Tung-Li Weng, & Chunkuan Shih, "BWR Parametric Sensitivity Effect of Regional Mode Onstability on Stability Boundary," *Journal of Power and Energy Systems*, Vol. 2, No. 1, pp. 361-370, 2008.
14. Yuh Ming Ferng, Tung Shih Tseng, Bau Shei Pei, S. Long Wang, Chunkuan Shih, Tsun Fu Hung, "An Analysis of Possible Impacts of Power Uprate on the Distributions of Erosion-Corrosion Wear Sites for a BWR Through CFD Simulation," *Nuclear Technology*, Vol. 162, No. 3, pp. 308-322, 2008.
15. Ming-Huei Chen, Chaung Lin, Chunkuan Shih, Hui-Wen Huang, Mao-Sheng Tseng, "Simulation Model Build-up for PCTTRAN-ABWR Major Control Systems", *J. Advanced Engineering*, Vol. 4, No. 1, pp. 43 – 52, 2009.
16. Jong-Rong Wang, Hao-Tzu Lin, Yi-Hsiang Cheng, Wei-Chen Wang, Chunkuan Shih, "TRACE modeling and its verification using Maanshan PWR start-up tests", *Annals of Nuclear Energy*, Vol. 36, pp. 527-536, 2009.
17. Hui-Wen Huang, Chunkuan Shih, Hung-Chih Hung, Ming-Huei Chen, "Development and diversity and defense-in-depth application of ABWR feedwater pump and controller model", *Nuclear Engineering and Design*, Vol. 239, pp. 1136-1147, 2009.
18. Chang-Lung Hsieh, Jong-Rong Wang, Hao-Tzu Lin, Show-Chuyan Chiang, Tung-Li Weng, Chunkuan Shih, "Effect of Parametric Sensitivity on Stability Boundary of Chinshan NPP", *Annals of Nuclear Energy*, Vol. 36, pp. 802-809, 2009.
19. Yang, C.-Y., Liang, T.K.S., Pei, B.S., Shih, C.K., Chiang, S.C., Wang, L.C., "Development and application of a dual RELAP5-3D-based engineering simulator for ABWR", *Nuclear Engineering and Design*, Vol. 239, pp. 1847-1856, 2009.
20. Yi-Hsiang Cheng, Jong-Rong Wang, Hao-Tzu Lin, Chunkuan Shih, "Benchmark calculations of pressurizer model for Maanshan nuclear power plant using TRACE code", *Nuclear Engineering and Design*, Vol.239, pp. 2343-2348, 2009.
21. Yi-Hsiang Cheng, Chunkuan Shih, Jong-Rong Wang, Hao-Tzu Lin, "An investigation of steam-water countercurrent flow model in TRACE", *Annals of Nuclear Energy*, Vol. 37, pp. 1378-1383, 2010.
22. Yuh-Ming Ferng, Ying-Ting Liu, Chunkuan Shih, "Investigating the execution of EOPs in LOTDFP +ATWS+ LOCA scenarios for an ABWR using MAAP code", *Nuclear Engineering and Design*, Vol. 240, pp. 198 – 203, 2010.
23. Chiung-Wen Tsai, Chunkuan Shiha, Jong-Rong Wang, Hao-Tzu Lin, Su-Chin Cheng, "The pressurization transient analysis for Lungmen advanced boiling water reactor using RETRAN-02", *Nuclear Engineering and Design*, Vol. 240, pp. 3037–3045, 2010.
24. Hao-Tzu Lin, Jong-Rong Wang, Chunkuan Shih, "The development and assessment of TRACE model for Lungmen ABWR", *KERNTECHNIK*, Vol.

- 76, pp. 205-215, 2011.
25. Chiung-Wen Tsai, Chunkuan Shih, Jong-Rong Wang, Su-Chin Cheng, “The design assessment of limiting transient event by RETRAN-02 and VIPRE-01 for Lungmen ABWR”, *Nuclear Engineering and Design*, Vol. 241, pp. 942 – 949, 2011.
 26. Yung-Shin Tseng, Jong-Rong Wang, Fengjee Peter Tsai, Yi-Hsiang Cheng, Chunkuan Shih, “Thermal design investigation of a new tube-type dry-storage system through CFD simulations”, *Annals of Nuclear Energy*, Vol. 38, pp. 1088–1097, 2011.
 27. Shaoshih Ma, Chunkuan Shih, Yngruey Yuann, “Integrated control system responses during load rejection transient for Lungmen ABWR Plant”, *Annals of Nuclear Energy*, Vol. 38, pp. 1458–1472, 2011.
 28. Shaoshih Ma, Chunkuan Shih, Yngruey Yuann, “RETRAN analysis results of feedwater pump trip transient for Lungmen ABWR Plant”, *Annals of Nuclear Energy*, Vol. 38, pp. 1598 – 1608, 2011.
 29. Yi-Hsiang Cheng, Chunkuan Shih, Show-Chyuan Chiang, Tung-Li Weng, “Introducing PCTRAN as an evaluation tool for nuclear power plant emergency responses”, *Annals of Nuclear Energy*, Vol. 40, pp. 122–129, 2012.
 30. Shaoshih Ma, Yngruey Yuann, Chunkuan Shih, “The transient analysis of single turbine control valve closure for Lungmen ABWR”, *Annals of Nuclear Energy*, Vol. 47, pp. 173–181, 2012.
 31. Jung-Hua Yang, Hao-Tzu Lin, Jong-Rong Wang, Chunkuan Shih, “Evaluations of the CCFL and critical flow models in TRACE for PWR LBLOCA analysis”, *Kerntechnik*, Vol. 77, pp. 442-448, 2012.
 32. Jung-Hua Yang, Jong-Rong Wang, Hao-Tzu Lin, and Chunkuan Shih, “Assessment of TRACE CCFL Model with SBLOCA Experiment of IIST Facility”, *Science and Technology of Nuclear Installations*, Vol. 2012, 2012.
 33. C. C. Liu, Y. M. Ferng, C. K. Shih, “CFD evaluation of turbulence models for flow simulation of the fuel rod bundle with a spacer assembly”, *Applied Thermal Engineering*, Vol. 40, pp. 389-396, 2012.
 34. Chung-Yu Yang, L. C. Dai, Thomas K. S. Liang, B. S. Pei, C. K. Shih, L. C. Wang, S. C. Chiang, “ABWR power tests simulation by using a dual RELAP5 nuclear power plant simulation platform”, *Nuclear Engineering and Design*, Vol. 249, pp. 41-48, 2012.
 35. Chun-Yu Chen, Chunkuan Shih, Jong-Rong Wang, “The Alternate Mitigation Strategies on the Extreme Event of the LOCA and the SBO with the TRACE Chinshan BWR4 Model”, *Nuclear Engineering and Design*, Vol. 256, pp. 332-340, 2013.
 36. Chun-Yu Chen, Chunkuan Shih, Jong-Rong Wang, Hao-Tzu Lin, “Sensitivity study on the counter-current flow limitation in the DEG LBLOCA with the TRACE code”, *Annals of Nuclear Energy*, Vol. 57, pp. 121 – 129, 2013.
 37. Chiung-Wen Tsai, Chunkuan Shih, Jong-Rong Wang, “Using genetic algorithms to calibrate the user-defined parameters of IIST model for

- SBLOCA analysis”, *Annals of Nuclear Energy*, Vol. 63, pp. 499 – 505, 2014.
38. Che-Hao Chen, Jong-Rong Wang, Hao-Tzu Lin, Chunkuan Shih, “ATWS Analysis for Maanshan PWR Using TRACE/SNAP Code”, *Annals of Nuclear Energy*, Vol. 72, pp. 1 – 10, 2014.
 39. Hao-Tzu Lin, Jong-Rong Wang, Hsiung-Chih Chen, Chunkuan Shih, “The development and assessment of TRACE/PARCS model for Lungmen ABWR”, *Nuclear Engineering and Design*, Vol. 273, pp. 241 – 250, 2014.
 40. Chia-Ying Chang, Tsung-Sheng Feng, Jong-Rong Wang, Hao-Tzu Lin, Chunkuan Shih, “Assessing the SCRRI and RIP runback performances of TRACE/PARCS for Lungmen ABWR”, *Annals of Nuclear Energy*, Vol. 63, pp. 1–8, 2014.
 41. Hao-Tzu Lin, Shu-Ming Yang, Jong-Rong Wang, Shao-Wen Chen, Chunkuan Shih, “The ultimate response guideline simulation and analysis by using TRACE for Lungmen ABWR nuclear power plant”, *KERNTECHNIK*, Vol. 80, pp. 214-231, 2015.
 42. Che-Hao Chen, Jong-Rong Wang, Hao-Tzu Lin, Shao-Wen Chen and Chunkuan Shih, “Analysis of SBO ATWS for Maanshan PWR”, *Kerntechnik*, Vol. 80, pp. 431-439, 2015.
 43. Shuming Yang, Hao-Tzu Lin, Jong-Rong Wang, Hsiung-Chih Chen, Chunkuan Shih, Shao-Wen Chen, “3Rip Trip Startup Test Simulation of TRACE/PARCS Model for Lungmen ABWR under Different Power and Flow Conditions”, *KERNTECHNIK*, December, 522-528, 2015.
 44. Hao-Tzu Lin, Jong-Rong Wang, Kai-Chun Huang, Chunkuan Shih, Show-Chyuan Chiang, Chia-Chuan Liu, “Station Blackout Mitigation Strategies Analysis for Maanshan PWR Plant Using TRACE”, *Annals of Nuclear Energy*, Vol. 89, pp.1-18, 2016.
 45. Y. S. Tseng, C. H. Lin, C. Shih, J. R. Wang, 2016, “Evaluating the feasibility of new surveillance concept for dry storage system through CFD methodology”, *Nuclear Engineering & Design*, 304, 1-10, 2016.
 46. L. C. Dai, C. Y. Yang, Y. R. Yuann, B. S. Pei, C. K. Shih, “Implementation and Assessment of Moody Homogeneous Equilibrium Critical Flow Model of RELAP5-3D”, *Nuclear Science and Engineering*, V. 182, pp. 96-103, 2016.
 47. S.W. Chen, F.C. Liu, T.Y. Wang, W.K. Lin, J.R. Wang, H.T. Lin, J.D. Lee, J.J. Peir, C. Shih, “MODELING AND ANALYSES OF BOILING AND CAPILLARY LIMITATIONS FOR MICRO CHANNEL WICK STRUCTURES”, *Journal of Mechanics*, Volume 32, Issue 03, June 2016, pp 357-368. 2016
 48. Wen-Sheng Hsu , Yu Chiang, Jong-Rong Wang , Ting-Yi Wang , Te-Chuan Wang , Jyh-Tong Teng ,Shao-Wen Chen, Chunkuan Shih, “ The Establishment of MELCOR/SNAP Model of Chinshan Nuclear Power Plant for Ultimate Response Guideline”, *Nuclear Engineering and Design*, Vol. 311, pp. 120-130, 2017.
 49. Hao-Tzu Lin, Wan-Yun Li, Jong-Rong Wang, Yung-Shin Tseng, Hsiung-Chih Chen, Chunkuan Shih, Shao-Wen Chen, “ The Establishment of Safety

- Analysis Methodology for Chinshan Nuclear Power Plant Spent Fuel Pool under Fukushima-like Accident condition”, *KERNTECHNIK*, Vol. 82, No 1. pp. 31–42, 2017.
50. Te-Chuan Wang, Jong-Rong Wang, Hao-Tzu Lin, Hsiung-Chih Chen, Shao-Wen Chen, Chunkuan Shih, Show-Chyuan Chiang, Tzu-Yao Yu, “The Ultimate Response Guideline Simulation and Analysis Using TRACE, MAAP5, and FRAPTRAN for the Chinshan Nuclear Power Plant”, *Annals of Nuclear Energy*, Vol. 103, pp. 402-411, 2017.
 51. S.W. Chen, W.J. Chiu, M.S. Lin, F.J. Kuo, M.L. Chai, J.D. Lee, J.R. Wang, H.T. Lin, W.K. Lin, C. Shih, “1D and Q2D Thermal Resistance Analysis of Micro Channel Structure and Flat Plate Heat Pipe”, *Microelectronics Reliability*, Vol.72, pp. 103–114. 2017.
 52. YU CHIANG, Shao-Wen Chen, Jong-Rong Wang, Ting-Yi Wang, Hsiung-Chih Chen, Wen-Sheng Hsu, Show-Chyuan Chiang, Chunkuan Shih, “ Code Crosswalk of Fukushima-like Simulations for Chinshan BWR/4 NPP Using MELCOR2.1/SNAP, TRACE/SNAP, PCTTRAN and MAAP5.03”, *Nuclear Engineering and Design*, 2017.
 53. Wan-Yun Li, Jong-Rong Wang, Wen-Shu Huang, Shao-Wen Chen, Chunkuan Shih, Show-Chyuan Chiang, Tzu-Yao Yu, “ The study of the mitigation strategy of Lungmen ABWR nuclear power plant using RELAP5 and FRAPTRAN with the interface SNAP”, *Annals of Nuclear Energy*, 2018
 54. W.-S. Hsu, J.-R. Wang, H.-C. Chen, Y. Chiang, S.-W. Chen, C. Shih, “Evaluation of control room habitability in case of LOCA for Maanshan NPP using codes RADTRAD, HABIT and ALOHA” , *KERNTECHNIK*, Vol. 83, No. 1, pp. 63 – 71. 2018.

EI paper (共 40 篇):

1. Hao-Tzu Lin, Jong-Rong Wang, Chunkuan Shih, “The feedwater control system and steam dump control system responses during large-load reduction transient for Maanshan PWR plant”, *Procedia Engineering*, Vol. 15, pp. 3668-3672, 2011.
2. Chiung-Wen Tsai, Chunkuan Shih, Jong-Rong Wang, Hao-Tzu Lin, Su-Chin Cheng, Fong-Lun Lin, “On study of steam bypass and pressure control system for Lungmen nuclear power plant”, *Procedia Engineering*, Vol. 15, pp. 5328-5332, 2011.
3. Wen-Hsiung Wu, Jong-Rong Wang, Chunkuan Shih, “The Modification of Feedwater Control System with RETRAN Assessment for Lungmen ABWR”, *Procedia Engineering*, Vol. 15, pp. 5138-5142, 2011.
4. Jong-Rong Wang, Hao-Tzu Lin, Yung-Shin Tseng, and Chunkuan Shih, “Application of TRACE and CFD in the spent fuel pool of Chinshan nuclear power plant”, *Applied Mechanics and Materials* Vol. 145, pp. 78-82, 2012.
5. Jong-Rong Wang, Hao-Tzu Lin, Hsiung-Chih Chen, Chunkuan Shih, “The turbine trip without bypass analysis for Lungmen ABWR Using TRACE/PARCS”, *Energy Procedia*, Vol. 14, pp. 2113-2117, 2012.
6. Jung-Hua Yang, Jong-Rong Wang, Hao-Tzu Lin, Chunkuan Shih, “LBLOCA analysis for the Maanshan PWR nuclear power plant using TRACE”, *Energy Procedia*, Vol. 14, pp. 292-297, 2012.
7. Hao-Tzu Lin, Jong-Rong Wang and Chunkuan Shih, “The development of Lungmen ABWR TRACE safety analysis model”, *Applied Mechanics and Materials*, Vols. 121-126, pp. 4461-4465, 2012.
8. Che-Hao Chen, Jong-Rong Wang, Hao-Tzu Lin, Chunkuan Shih, “Various MTC Studies of TRACE with RCS Pressure Predictions under ATWS for Maanshan”, *Applied Mechanics and Materials*, Vols. 284-287, pp. 1151-1155, 2013.
9. Jong-Rong Wang, Hao-Tzu Lin, Hsiung-Chih Chen, Chunkuan Shih, “The MSIV Closure Direct Scram Transient Analysis Of Lungmen ABWR Using TRACE/PARCS”, *Advanced Materials Research*, Vols. 608-609, pp. 844-847, 2013.
10. Jong-Rong Wang, Hao-Tzu Lin, Won-Win Li, Hsiung-Chih Chen and Chunkuan Shih, “The Spent Fuel Pool Analysis Of Chinshan Nuclear Power Plant By Using TRACE/FRAPCON-3.4”, *Advanced Materials Research*, Vols. 690-693, pp. 2947-2950, 2013.
11. J. R. Wang, K. Wang, H.T. Lin, and C. Shih, “TRACE Analysis of Loss of AC Power to the Station Auxiliaries Accident in AP1000”, *World Academy of Science, Engineering and Technology*, Vol. 81, pp. 962-966, 2013.

12. Hao-Tzu Lin, Jong-Rong Wang, and Chunkuan Shih, "Application of LAPUR6 to Lungmen ABWR Stability Analysis", *Applied Mechanics and Materials*, Vols. 284-287, pp. 1146-1150, 2013.
13. Chiung-Wen Tsai, Chunkuan Shih, Jong-Rong Wang, "Construction of an Elementary Model for the Dynamic Analysis of a Pressurized Water Reactor", *Applied Mechanics and Materials*, Vols. 284-287, pp. 652-656, 2013.
14. Jong-Rong Wang, Hao-Tzu Lin, Wan-Yun Li, Shao-Wen Chen and Chunkuan Shih, "Application of TRACE and FRAPTRAN in the Spent Fuel Pool of Chinshan Nuclear Power Plant", *Applied Mechanics and Materials*, Vols. 479-480, pp. 543-547, 2014.
15. J. R. Wang, W.Y. Li, H.T. Lin, B.H. Lee, C. Shih, and S.W. Chen, "The Analysis of TRACE/PARCS in the Simulation of Ultimate Response Guideline for Lungmen ABWR", *WASET*, Vol. 8, NO.1, 2014.
16. J. R. Wang, W. Y. Li, H. T. Lin, J. H. Yang, C. Shih, S. W. Chen, "The Analysis of TRACE/FRAPTRAN in the Fuel Rods of Maanshan PWR for LBLOCA", *WASET*, Vol. 8, NO.1, 2014.
17. Jong-Rong Wang, Hao-Tzu Lin, Hsiung-Chih Chen and Chunkuan Shih, "The SBO/LOCA Transient Analysis of SNAP/TRACE for Kuosheng Nuclear Power Plant", *WASET*, Vol.8, No.7, pp. 361-366, 2014.
18. Jong-Rong Wang, Hao-Tzu Lin, Wan-Yun Li and Chunkuan Shih, "TRACE/FRAPTRAN Analysis of Kuosheng Nuclear Power Plant Dry-Storage System", *WASET*, Vol.8, No.7, pp. 354-360, 2014.
19. J. R. Wang, H. T. Lin, H.C. Chang, W.K. Lin, W.Y. Li, C. Shih, "Turbine Trip without Bypass Analysis of Kuosheng Nuclear Power Plant Using TRACE Coupling with FRAPTRAN", *WASET*, Vol.8, No.7, pp. 672-679, 2014.
20. Hao-Tzu Lin, Jong-Rong Wang, Kuan-Yu Chen, Shao-Hsuan Chen and Chunkuan Shih, "LAPUR6 Stability Analysis on Power/Flow Map of Lungmen ABWR", *Applied Mechanics and Materials*, Vols. 479-480, pp. 548-552, 2014.
21. S. W. Chen, W. K. Lin, J. R. Wang, C. Shih, H. T. Lin, H. C. Chang, W. Y. Li, "The Establishment and Application of TRACE/FRAPTRAN Model for Kuosheng Nuclear Power Plant", *WASET*, Vol.8, No.12, pp. 1224-1233, 2014.
22. J. R. Wang, H.T. Lin, H. C. Chen, C. Shih, S. W. Chen, S. C. Chiang, C. C. Liu, "The Analysis and Simulation of TRACE in the Ultimate Response Guideline for Chinshan BWR/4 Nuclear Power Plant", *WASET*, Vol. 9, No:6, pp.703-707, 2015.
23. J. R. Wang, H. T. Lin, Y. S. Tseng, W. Y. Li, H. C. Chen, S. W. Chen, C. Shih, "The Model Establishment and Analysis of TRACE/FRAPTRAN for Chinshan Nuclear Power Plant Spent Fuel Pool", *WASET*, Vol.10, No.6, 2016.
24. J. R. Wang, H. T. Lin, Y. S. Tseng, W. Y. Li, H. C. Chen, S. W. Chen, C. Shih, "The Model Establishment and Analysis of TRACE/FRAPTRAN for Chinshan Nuclear Power Plant Spent Fuel Pool", *WASET*, Vol.10, No.6, 2016.

25. W. S. Hsu, Y. Chiang, Y. S. Tseng, J. R. Wang, C. Shih, S. W. Chen, “The Model Establishment and Analysis of TRACE/MELCOR for Kuosheng Nuclear Power Plant Spent Fuel Pool”, WASET, Vol.10, No.10, 2016.
26. C. Shih, J. R. Wang, H. C. Chang, S. W. Chen, S. C. Chiang, T. Y. Yu, “The Establishment of RELAP5/SNAP Model for Kuosheng Nuclear Power Plant”, WASET, Vol.10, No.12, 2016.
27. Y. Chiang, J. R. Wang, J. H. Yang, Y. S. Tseng, C. Shih, S. W. Chen, “The Mitigation Strategy Analysis of Kuosheng Nuclear Power Plant Spent Fuel Pool Using MELCOR2.1/SNAP”, WASET, Vol.11, No.4, 2017.
28. J. R. Wang, J. H. Yang, Y. Chiang, H. C. Chen, C. Shih, S. W. Chen, S. C. Chiang, T. Y. Yu, “The Study of Ultimate Response Guideline of Kuosheng BWR/6 Nuclear Power Plant Using TRACE and SNAP Code”, WASET, Vol.11, No.4, 2017.
29. J. R. Wang, S. W. Chen, Y. Chiang, W. S. Hsu, J. H. Yang, Y. S. Tseng, C. Shih, “Using HABIT to Establish the Chemicals Analysis Methodology for Maanshan Nuclear Power Plant”, WASET, Vol.11, No.6, 2017.
30. J. R. Wang, H. C. Chen, C. Shih, S. W. Chen, J. H. Yang, Y. Chiang, “Using SNAP and RADTRAD to Establish the Analysis Model for Maanshan PWR Plant”, WASET, Vol.11, No.7, 2017.
31. Y. Chiang, W. Y. Li, J. R. Wang, S. W. Chen, W. S. Hsu, J. H. Yang, Y. S. Tseng, C. Shih, “Using HABIT to Estimate the Concentration of CO₂ and H₂SO₄ for Kuosheng Nuclear Power Plant”, WASET, Vol.11, No.11, 2017.
32. Y. T. Ku, S. W. Chen, J. R. Wang, C. Shih, Y. F. Chang, “CFD Simulation for Flow Behavior in Boiling Water Reactor Vessel and Upper Pool under Decommissioning Condition”, WASET, Vol.12, No.3, 2018.
33. W. S. Hsu, Y. Chiang, H. C. Chen, J. R. Wang, S. W. Chen, J. H. Yang, C. Shih, “The Concentration Analysis of CO₂ Using ALOHA Code for Kuosheng Nuclear Power Plant”, WASET, Vol.14, No.4, 2018.
34. J. R. Wang, Y. Chiang, W. S. Hsu, H. C. Chen, S. H. Chen, J. H. Yang, S. W. Chen, C. Shih, “Using RASCAL and ALOHA Codes to Establish an Analysis Methodology for Hydrogen Fluoride Evaluation”, WASET, Vol.12, No.8, 2018.
35. B. R. Shen, J. R. Wang, J. H. Yang, S. W. Chen, C. Shih, Y. Chiang, Y. F. Chang, Y. H. Huang, “Using TRACE and SNAP Codes to Establish the Model of Maanshan PWR for SBO Accident”, WASET, Vol.12, No.10, 2018.
36. J. R. Wang, Y. Chiang, W. S. Hsu, S. H. Chen, J. H. Yang, S. W. Chen, C. Shih, Y. F. Chang, Y. H. Huang, B. R. Shen, “Using RASCAL Code to Analyze The Postulated UF₆ Fire Accident”, WASET, Vol.12, No.10, 2018.
37. H. C. Chang, J. R. Wang, A. L. Ho, S. W. Chen, J. H. Yang, C. Shih, L. C. Wang, “The Main Steamline Break Transient Analysis for Advanced Boiling Water Reactor Using TRACE, PARCS, and SNAP Codes”, WASET, Vol.12, No.11, 2018.

38. W. S. Hsu, S. W. Chen, Y. T. Ku, Y. Chiang, J. R. Wang , J. H. Yang, C. Shih, “Using ALOHA code to evaluate CO₂ concentration for Maanshan Nuclear Power Plant”, WASET, Vol.12, No.12, 2018.
39. J. R. Wang, H. C. Chang, A. L. Ho, J. H. Yang, S. W. Chen, C. Shih , “Using TRACE, PARCS, and SNAP Codes to Analyze the Load Rejection Transient of ABWR”, WASET Vol.13, No.1, 2019.
40. J. R. Wang, W. Y. Cheng, J. S. Yeh, S. W. Chen, Y. M. Ferng, J. H. Yang, W. S. Hsu, C. Shih, “The Establishment of Probabilistic Risk Assessment Analysis Methodology for Dry Storage Concrete Casks Using SAPHIRE 8”, WASET, Vol.13, No.1, 2019.

Conference paper (共 224篇):**2009**(17篇)

1. Hsuan Nien Li, Tzung-Shiue Yang, Chunkuan Shih, Jong-Rong Wang, Hao-Tzu Lin, 2009, "Improvement in Decay Ratio Calculation in LAPUR5 Methodology for BWR Instability," ICAPP 2009, Tokyo, Japan, May 10-14, 2009.
2. Jong-Rong Wang, Hao-Tzu Lin, Wei-Chen Wang, Shu-Ming Yang, Chunkuan Shih, 2009, "TRACE Analysis of Loss of Feedwater Flow Event in Lungmen ABWR," ICAPP 2009, Tokyo, Japan, May 10-14, 2009.
3. Yung-Shin Tseng, Jong-Rong Wang, Yi-Hsiang Cheng, Chunkuan Shih, 2009, "Evaluation Study of FLUENT for the Application of Dry-Storage System Thermal Analysis," ICAPP 2009, Tokyo, Japan, May 10-14, 2009.
4. Chiung-Wen Tsai, Chunkuan Shih, Jong-Rong Wang, Hao-Tzu Lin, Jing-An Jin, Su-Chin Cheng, 2009, "The Limiting Events Transient Analysis by RETRAN02 and VIPRE01 for An ABWR," ICAPP 2009, Tokyo, Japan, May 10-14, 2009.
5. Jong-Rong Wang, Hao-Tzu Lin, Wei-Chen Wang, Shu-Ming Yang, Chunkuan Shih, 2009, "TRACE Analysis of MSIV Closure Direct Scram Event in Lungmen ABWR," Transaction ANS, Atlanta, GA, USA, June 14-19, 2009.
6. Jing-Han Lee, Jong-Rong Wang, Hao-Tzu Lin, Su-Ming Yang, Chunkuan Shih, 2009, "TRACE Modeling of Chinshan Load Rejection Startup Test," Transaction ANS, Atlanta, GA, USA, June 14-19, 2009.
7. C. C. Liu, Y. M. Ferng, C. K. Shih, B. S. Pei, 2009, "CFD Investigating the Localized Thermal-Hydraulic Characteristics within Rod Bundles Using Different Turbulence Model," Transaction ANS, Atlanta, GA, USA, June 14-19, 2009.
8. Chiung-Wen Tsai, Chen-Lin Li, Chunkuan Shih, Jong-Rong Wang, 2009, "RETRAN Application of Turbine Trip and Load Rejection of Startup Test Analysis for Lungmen ABWR," 17th International Conference on Nuclear Engineering, Brussels (ICONE17), Belgium, July 12-16, 2009.
9. Hui-Wen Huang, Chunkuan Shih, Hung-Chih Hung, Kai-Lan Chang, Shu-Chuan Chen, Yu-Jen Pan, Mao-Sheng Tseng, Ming-Huei Chen, Tsung-Chieh Cheng, 2009, "Development and D3 Application of ABWR Feedwater System Model," 17th International Conference on Nuclear Engineering (ICONE17), Brussels, Belgium, July 12-16, 2009.
10. Jinn-Jer Pei, Chunkuan Shih, Bau-Shei Pei, Yuh-Ming Ferng, Wen-Sheng Hsu, "Power Uprate Impact Evaluation on Waste Heat of Nuclear PowerPlants in

- Taiwan,” 17th International Conference on Nuclear Engineering (ICONE17), Brussels, Belgium, July 12-16, 2009.
11. Yi-Hsiang Cheng, Chunkuan Shih, Jong-Rong Wang, Hao-Tzu Lin, 2009, “A Study of Steam-water Countercurrent Flow Model in TRACE Code,” 17th International Conference on Nuclear Engineering (ICONE17), Brussels, Belgium, July 12-16, 2009.
 12. Wen-Hsiung Wu, Chunkuan Shih, Jong-Rong Wang, 2009, “RCS Pressure Predictions under ATWS for Maanshan MUR,” 17th International Conference on Nuclear Engineering, Brussels (ICONE17), Belgium, July 12-16, 2009.
 13. Jong-Rong Wang, Hao-Tzu Lin, Wei-Chen Wang, Yi-Hsiang Cheng, Chunkuan Shih, 2009, “Maanshan PWR Loss of Flow Transients Analysis with TRACE,” 17th International Conference on Nuclear Engineering (ICONE17), Brussels, Belgium, July 12-16, 2009.
 14. Yi-Hsiang Cheng, Chunkuan Shih, Sow-Chyuan Jiang, Tong-Li Weng, 2009, “Investigation of Accident Evaluation Systems for Nuclear Emergency Planning,” ANS Winter Meeting, Washington DC, USA, Nov. 15-19, 2009.
 15. Jong-Rong Wang, Hao-Tzu Lin, Wei-Chen Wang, Shu-Ming Yang, Chunkuan Shih, 2009, “TRACE Models and Verifications for LUNG MEN ABWR,” ANS Winter Meeting, Washington DC, USA, Nov. 15-19, 2009.
 16. Jong-Rong Wang, Yung-Shin Tseng, Ting-Shuo Jhang, Chunkuan Shih, 2009, “The Investigations on Thermal Behaviors of a High Capacity Dry-Storage System under Loading and Transport Operations,” ANS Winter Meeting, Washington DC, USA, Nov. 15-19, 2009.
 17. Ting-Shuo Jhang, Yung-Shin Tseng, Jong-Rong Wang, Yi-Hsiang Cheng, Chunkuan Shih, 2009, “Thermal Impact Analysis of TSC Misalignment Inside TFR for a Spent Fuel Dry Storage System,” ANS Winter Meeting, Washington DC, USA, Nov. 15-19, 2009.

2010(21篇)

1. Shu-Chuan Chen, Chunkuan Shih, Hao-Tzu lin, Jong-Rong Wang, “Reactivity Modeling in MSIV Closure Transient of Lungmen ABWR with TRACE,” Thermal and Environmental Issues in Energy Systems, Sorrento, Italy, May 16 - 19, 2010.
2. I-Ting Wang, Chang-Lung Hsieh, Chukkuan Shih, Jong-Rong Wang, Hao-Tzu Lin, 2010, “On the Determination of Decay Ratio in LAPUR5 Methodology for BWR Instability,” Thermal and Environmental Issues in Energy Systems, Sorrento, Italy, May 16 - 19, 2010

3. Chun-Yu Chen, Chunkuan Shih, Jong-Rong Wang, Hao-Tzu Lin, 2010, "TRACE Modeling of Chinshan NPP Benchmark Test," Thermal and Environmental Issues in Energy Systems, Sorrento, Italy, May 16 - 19, 2010
4. Shao-shih Ma, Chunkuan Shih, Yng-ruey Yuan, Jong-Rong Wang, 2010, "Integrator Wind-Up Effect of Recirculation Flow Control System during Large Load Demand Change for Lungmen ABWR Plant." ICONE 18, Xi'an, China, May 17 – 21, 2010.
5. Chiung-Wen Tsai, Chunkuan Shih, Hao-Tzu Lin, Jong-Rong Wang, Yng-Ruey Yuan, Su-Chin Cheng, Fong-Lun Lin, 2010, "The Prediction of Startup Test with Load Rejection and Study of SBPC for Lungmen Nuclear Plant," ICONE 18, Xi'an, China, May 17 – 21, 2010.
6. Chunkuan Shih, Bing-Hong Lin, Yu-Hsien Lee, Ting-Shuo Jhang, Jong-Rong Wang, 2010, "Spatial Dependence of Local Heat Transfer coefficients in Liquid Metal Sub-channel flows," European Nuclear conference (ENC 2010), Barcelona, Spain, May 30 – June 2, 2010
7. Bing-Hong Lin, Chunkuan Shih, Jong-Rong Wang, Yung-Hsin Tseng, 2010, "Thermal Evaluation of High Capacity Dry Storage System Using FLUENT," European Nuclear conference (ENC 2010), Barcelona, Spain, May 30 – June 2, 2010
8. Kai-Jing Yang, Yung-Shin Tseng, Jong-Rong Wang, Chunkuan Shih, 2010, "Enhancement of Passive Heat Removal for Add-On Shielding in the Spent Fuel Dry Storage System," ANS Spring Meeting, San Diego, CA, USA, June 13 – 17, 2010.
9. Kai-Lan Chang, Chunkuan Shih, Hui-Wen Huang, 2010, "Transient Analysis of Anticipated Transient Without Scram (ATWS) Events for Lungmen by Modified PCTAN-ABWR Code," 2010 International Congress on Advances in Nuclear Power Plants (ICAPP '10), San Diego, CA, USA, June 13 - 17, 2010.
10. Jong-Rong Wang, Hao-Tzu Lin, Wei-Chen Wang, Chunkuan Shih, 2010, "TRACE Analysis of MSIV Closure Direct Scram Event for Lungmen ABWR," 2010 International Congress on Advances in Nuclear Power Plants (ICAPP '10), San Diego, CA, USA, June 13 - 17, 2010.
11. Yung-Shin Tseng, Jong-Rong Wang, Chi-Hung Lin, Chunkuan Shih, F. Peter Tsai, 2010, "Using CFD to Improve the Thermal Characteristic Analysis Methodology of Dry Storage System for Chinshan Nuclear Power Plant," ASME 2010 Power Conference, Chicago, IL, USA, July 13 – 15, 2010.
12. Jong-Rong Wang, Hao-Tzu Lin, Wei-Chen Wang, Chunkuan Shih, 2010, "TRACE Analysis of Feedwater Pump Trip Event for Lungmen ABWR," The 8-th Int. Top. Mtg. on Nucl. Thermal-Hydraulics, Operation and Safety (NUTHOS-

- 8), No. N8P0053, Shanghai, China, Oct. 10-14, 2010.
13. Yi-Hsiang Cheng, Wei-Cheng Wang, Chia-Yin Chang, Shao-Shuan Chen, Chunkuan Shih, 2010, "EPZDose, An Evaluation Code for Radioactive Materials Dispersion And Dose Consequences in Nuclear Emergency Situations," The 8-th Int. Top. Mtg. on Nucl. Thermal-Hydraulics, Operation and Safety (NUTHOS-8), No. N8P0224, Shanghai, China, Oct. 10-14, 2010.
 14. Pi-Hsuan Lai, Chunkuan Shih, 2010, "Prediction Analysis of Turbine Trip/Load Rejection Transients in Lungmen Nuclear Power Plant Startup Tests with PCTTRAN," The 8-th Int. Top. Mtg. on Nucl. Thermal-Hydraulics, Operation and Safety (NUTHOS-8), No. N8P0252, Shanghai, China, Oct. 10-14, 2010.
 15. Wei-Xiang Zhuang, Chunkuan Shih, 2010, "Prediction Analysis of Feedwater System Transients in Lungmen Nuclear Power Plant Startup Tests with PCTTRAN," The 8-th Int. Top. Mtg. on Nucl. Thermal-Hydraulics, Operation and Safety (NUTHOS-8), No. N8P0230, Shanghai, China, Oct. 10-14, 2010.
 16. Wen-Hsiung Wu, Jong-Rong Wang, Chunkuan Shih, 2010, "Loss of Feedwater Flow Analysis with RETRAN Application for Lungmen ABWR," ANS Winter Meeting, Las Vegas, NV, USA, Nov. 7 – 11, 2010.
 17. Jong-Rong Wang, Hao-Tzu Lin, Wei-Chen Wang, Chunkuan Shih, 2010, "TRACE Modeling and Its Verification Using An IIST SBLOCA Experiment," ANS Winter Meeting, Las Vegas, NV, USA, Nov. 7 – 11, 2010.
 18. Jong-Rong Wang, Hao-Tzu Lin, Ansheng Lin, Shao-Hsuan Chen, Chunkuan Shih, 2010, "TRACE Modeling of Kuosheng BWR/6 Startup Tests," ANS Winter Meeting, Las Vegas, NV, USA, Nov. 7 – 11, 2010.
 19. Jung-Hua Yang, Chunkuan Shih, Jong-Rong Wang, Hao-Tzu Lin, 2010, "TRACE Analysis of Loss of Flow Events in Maanshan Nuclear Power Plant," ANS Winter Meeting, Las Vegas, NV, USA, Nov. 7 – 11, 2010.
 20. Shih-Jung Hsu, Shao-Shih Ma, Chiung-Wen Tsai, Jong-Rong Wang, Chunkuan Shih, 2010, "RETRAN Analysis of 1 RIP and 3 RIP Trip Transients for Lungmen ABWR," ANS Winter Meeting, Las Vegas, NV, USA, Nov. 7 – 11, 2010.
 21. Wei-Chen Wang, Jong-Rong Wang, Hao-Tzu Lin, Chunkuan Shih, 2010, "TRACE Analysis of 1 RIP and 3 RIP Trip Transients for Lungmen ABWR," ANS Winter Meeting, Las Vegas, NV, USA, Nov. 7 – 11, 2010.

2011(34篇)

1. C. C. Liu, Y. M. Ferng, C. K. Shih, B. S. Pei, 2011, "CFD Investigating the Effects of Different Mixing Vane Designs on the Localized Thermal-Hydraulic Characteristics in the Rod Bundles with Grid Spacer", Proc. ASME/JSME 2011,

- AJTEC 2011, Honolulu, Hawaii, USA, March 13-17, 2011.
2. Hui-Wen Huang, Chunkuan Shih, Tsu-Mu Kao, 2011, "Development of Critical Digital Review Procedure and the Preliminary Application Experience", ICAPP 2011, Nice, France, 2-6 May, 2011.
 3. Chang-Lung Hsieh, I-Ting Wang, Hao-Tzu Lin, Jong-Rong Wang, Chunkuan Shih, 2011, "The Effects of Part Length Fuel Assemblies on BWR Instability", ICAPP 2011, Nice, France, 2-6 May, 2011.
 4. Wei-Shao Chen, Chunkuan Shih, Jong-Rong Wang, Hao-Tzu Lin, 2011, "TRACE Analysis of Inadvertent Startup of HPCI Transient in Chinshan BWR/4", ICAPP 2011, Nice, France, 2-6 May, 2011.
 5. Jong-Rong Wang, Hao-Tzu Lin, Wei-Chen Wang, Chunkuan Shih, 2011, "The Steamline Break Inside Containment LOCA Transient Analysis of Lungmen ABWR with TRACE", ICAPP 2011, Nice, France, 2-6 May, 2011.
 6. Hao-Tzu Lin, Jong-Rong Wang, Wei-Chen Wang, Chunkuan Shih, 2011, "Water Hammer Modeling in MSIV Closure Transient of Lungmen ABWR with TRACE", ICAPP 2011, Nice, France, 2-6 May, 2011.
 7. Wen-Hsiung Wu, Jong-Rong Wang, Yng-Ruey Yuann, Chunkuan Shih, Su-Chin Cheng, Fong-Lun Lin, 2011, "Loss of Feedwater Flow Analysis for Lungmen ABWR Using RETRAN", ICAPP 2011, Nice, France, 2-6 May, 2011.
 8. Jong-Rong Wang, Hao-Tzu Lin, Wei-Xiang Zhuang, Chunkuan Shih, 2011, "Assessment of the TRACE Code Using Transient Data from SBLOCA Experiment", ICAPP 2011, Nice, France, 2-6 May, 2011.
 9. Jong-Rong Wang, Hao-Tzu Lin, Chin-Chang Chang, Wei-Xiang Zhuang, Chunkuan Shih, 2011, "TRACE Modeling and Its Verification Using IIST Cooldown Experiments," 19th Int. Conf. on Nuclear Engineering (ICONE19), Tokyo, Japan, May 2011.
 10. Yung-Hsin Tseng, Jong-Rong Wang, Chunkuan Shih, 2011, "Investigating the Cooling Ability of Reactor Vessel head injection in the Maanshan PWR Using CFD Simulation," 19th Int. Conf. on Nuclear Engineering (ICONE19), Tokyo, Japan, May 2011.
 11. Bing-Horng Lin, Yung-Hsin Tseng, Jong-Rong Wang, Chih-Wei Su, Chunkuan Shih, 2011, "Boron Evaluation of Diffusion Phenomenon and Distribution in the Core Using FLUENT," 19th Int. Conf. on Nuclear Engineering (ICONE19), Tokyo, Japan, May 2011.
 12. Wen-Hsiung Wu, Jong-Rong Wang, Yng-Ruey Yen, Chunkuan Shih, 2011, "RETRAN Analysis of Feedwater Controller Failure Transient for Lungmen ABWR," 19th Int. Conf. on Nuclear Engineering (ICONE19), Tokyo, Japan, May 2011.

13. Chang-Lun Hsieh, Jong-Rong Wang, Hao-Tzu Lin, Chunkuan Shih, 2011, "Investigation of Feedwater Pump Trip Transients of Lungmen Nuclear Power Plant," 19th Int. Conf. on Nuclear Engineering (ICONE19), Tokyo, Japan, May 2011.
14. An-Seng Lin, Jong-Rong Wang, Ying-Ruey Yen, Chunkuan Shih, 2011, "Kuosheng BWR/6 Containment Safety Analysis with GOTHIC Code," 19th Int. Conf. on Nuclear Engineering (ICONE19), Tokyo, Japan, May 2011.
15. Yu-Hsien Lee, Yu-Ming Ferng, Jong-Rong Wang, Chunkuan Shih, 2011, "Fuel Rod Surface Temperature Distributions in Liquid Metal Sub-Channel Flows," 19th Int. Conf. on Nuclear Engineering (ICONE19), Tokyo, Japan, May 2011.
16. Jong-Rong Wang, Hao-Tzu Lin, Chiun-Wen Tsai, Chunkuan Shih, 2011, "Analysis of ASME Pressurization Transient for Lungmen ABWR Using RETRAN and TRACE," ASME PVP Conf., Baltimore, Maryland, July 17-21, 2011.
17. Chiung-Wen Tsai, Chunkuan Shih, Jong-Rong Wang, Hao-Tzu Lin, Su-Chin Cheng, Fong-Lun Lin, 2011, "On study of steam bypass and pressure control system for Lungmen nuclear power plant", 2011 International Conference on Advanced in Control Engineering and Information Science (CEIS 2011), Dali, China, August 18-19, 2011.
18. Hao-Tzu Lin, Jong-Rong Wang, Chunkuan Shih, 2011, "The feedwater control system and steam dump control system responses during large-load reduction transient for Maanshan PWR plant", 2011 International Conference on Advanced in Control Engineering and Information Science (CEIS 2011), Dali, China, August 18-19, 2011.
19. Wen-Hsiung Wu, Jong-Rong Wang, Chunkuan Shih, 2011, "The modification of feedwater control system with RETRAN assessment for Lungmen ABWR", 2011 International Conference on Advanced in Control Engineering and Information Science (CEIS 2011), Dali, China, August 18-19, 2011
20. Hao-Tzu Lin, Jong-Rong Wang, Chang-Lun Hsieh, Chunkuan Shih, 2011, "The Stability Analysis of LAPUR6 for Chinshan BWR Nuclear Power Plant," 14th Int. Top. Mtg on Nuclear Reactor Thermalhydraulics (NURETH 14), Toronto, Canada, Sept. 25-29, 2011
21. Shao-Hsuan Chen, Tsong-Sheng Feng, Kai-Chuan Huang, Jong-Rong Wang, Yi-Hsiang Cheng, Chunkuan Shih, 2011, "Severe Accident Modeling and Offsite Dose Consequence Evaluations for Nuclear Power Plant Emergency Planning," 14th Int. Top. Mtg on Nuclear Reactor Thermalhydraulics (NURETH 14), Toronto, Canada, Sept. 25-29, 2011
22. An-Sheng Lin, Jong-Rong Wang, Hao-Tzu Lin, Shao-Hsuan Chen, Chunkuan

- Shih, 2011, “Kuosheng BWR/6 containmnet Pressure and Temperature Responses After Recirculation Line Break Using GOTHIC Code,” 14th Int. Top. Mtg on Nuclear Reactor Thermalhydraulics (NURETH 14), Toronto, Canada, Sept. 25-29, 2011
23. Hao-Tzu Lin, Jong-Rong Wang, Jung-Hwa Yang, Chunkuan Shih, 2011, “The Developing and Assessment of TRACE Model for Maanshan PWR,” 14th Int. Top. Mtg on Nuclear Reactor Thermalhydraulics (NURETH 14), Toronto, Canada, Sept. 25-29, 2011
 24. Wei-Keng Lin, Jui-En Chang, Chunkuan Shih, Jong-Rong Wang, Yung-Shin Tseng, 2011, “Mathematical Model for Design of Spent Fuel Dry Storage System”, ANS Winter Meeting, Washington, DC, USA, Oct. 30 – Nov. 3, 2011.
 25. Po-Hao Peng, Zhen Yu Hung, Yen-Shu Chen, Yuh-Ming Ferng, Chunkuan Shih, 2011, “Short-Term Analysis of LOCA for Mark III Containment”, ANS Winter Meeting, Washington, DC, USA, Oct. 30– Nov. 3, 2011.
 26. Chunkuan Shih, Tsong-Sheng Feng, Kai-Chuen Huang, Chin-Cheh Chang, Jong-Rong Wang, 2011, “On RPV Depressurization Strategy and Alternate Water Systems in SBO of Nuclear Power Plants”, ANS Winter Meeting, Washington, DC, USA, Oct. 30 – Nov. 3, 2011.
 27. Chun-Yu Chen, Chunkuan Shih, Jong-Rong Wang, Hao-Tzu Lin, 2011, “Validation on the SEPD Component of the TRACE Chinshan NPP Model with Startup Tests”, ANS Winter Meeting, Washington, DC, USA, Oct. 30 – Nov. 3, 2011.
 28. Hao-Tzu Lin, Jong-Rong Wang, Chunkuan Shih, 2011, “The Inadvertent Startup of HPCI Transient Analysis of Chinshan BWR/4 Using TRACE”, ANS Winter Meeting, Washington, DC, USA, Oct. 30 – Nov. 3, 2011.
 29. Jung-Hua Yang, Wei Chen, Chunkuan Shih, Hao-Tzu Lin, Jong-Rong Wang, 2011, “TRACE Analysis of LBLOCA in Maanshan Nuclear Power Plant”, ANS Winter Meeting, Washington, DC, USA, Oct. 30 – Nov. 3, 2011.
 30. Hao-Tzu Lin, Jong-Rong Wang, Chunkuan Shih, 2011, “Application of TRACE/PARCS/LAPUR to Lungmen ABWR Stability Analysis”, ANS Winter Meeting, Washington, DC, USA, Oct. 30 – Nov. 3, 2011.
 31. Hao-Tzu Lin, Jong-Rong Wang, Chunkuan Shih, 2011, “The LAPUR6 Stability Analysis of Lungmen ABWR Nuclear Power Plant for the ATWS Transient”, ANS Winter Meeting, Washington, DC, USA, Oct. 30 – Nov. 3, 2011.
 32. Bing-Hong Lin, Jong-Rong Wang, Yung-Shin Tseng, Chunkuan Shih, 2011, “Boron Evaluation of Distribution in the Core with Various Turbulence Model Using FLUENT”, ANS Winter Meeting, Washington, DC, USA, Oct. 30 – Nov. 3, 2011.

33. Che-Hao Chen, Chunkuan Shih, Jong-Rong Wang, 2011, “TRACE Analysis of RCS Pressure Estimation under ATWS for Maanshan”, ANS Winter Meeting, Washington, DC, USA, Oct. 30 – Nov. 3, 2011.
34. Chih-Wei Su, Yung-Shin Tseng, Jong-Rong Wang, Chunkuan Shih, 2011, “Analysis of the Thermal Hydraulic Behavior in Lower Plenum of BWR Through CFD Simulation with HPCI Event”, ANS Winter Meeting, Washington, DC, USA, Oct. 30 – Nov. 3, 2011.

2012(36篇)

1. K. Y. Lin, J. R. Wang, H. T. Lin, C. Shih, 2012, “Verification of the Kuosheng BWR/6 TRACE Model”, ASME Verification and Validation Symposium, Las Vegas, May 2-4, 2012.
2. W. X. Zhuang, C. Shih, J. R. Wang, H. T. Lin, 2012, “The Developing and Verifications of TRACE Model on IIST Experiments”, TopSafe 2012, Helsinki, Finland, April. 22-26, 2012.
3. P. H. Lai, J. R. Wang, H. T. Lin, C. Shih, 2012, “Main Steam Line Break LOCA Analysis for Lungmen ABWR Using TRACE”, TopSafe 2012, Helsinki, Finland, April. 22-26, 2012.
4. S. S. Chen, Y. H. Cheng, J. R. Wang, C. Shih, 2012, “Faster-than Real Time Dynamics Evaluations on Offsite Dose Distributions for Nuclear Emergency Planning and Response”, TopSafe 2012, Helsinki, Finland, April. 22-26, 2012.
5. J. R. Wang, H. T. Lin, H. C. Chen, C. Shih, 2012, “TRACE/PARCS Modeling of the Turbine Trip without Bypass Transient for Lungmen ABWR”, TopSafe 2012, Helsinki, Finland, April. 22-26, 2012.
6. C. Y. Chang, C. Shih, J. R. Wang, H. T. Lin, 2012, “ Studies on SCRRI Performances in ABWR with TRACE/PARCS”, TopSafe 2012, Helsinki, Finland, April. 22-26, 2012.
7. J. H. Yang, J. R. Wang, H. T. Lin, C. Shih, 2012, “Analysis of Maanshan Cold Leg 2% SBLOCA with IIST-Benchmarked TRACE Model”, TopSafe 2012, Helsinki, Finland, April. 22-26, 2012.
8. Wei-Xiang Zhuang, Chunkuan Shih, Hao-Tzu Lin, Jong-Rong Wang, 2012, “The Developments and Verifications of TRACE Model for IIST LOCA Experiments”, Proc. of ICAPP, 12’, Chicago, June 24-28, 2012.
9. Hui-Wen Huang, Chunkuan Shih, Jong-Rong Wang, Kai-Chun Huang, 2012, “Digital I&C System Upgrade Integration Technique”, Proc. of ICAPP, 12’, Chicago, June 24-28, 2012.
10. G. Y. Chen, H. T. Lin, J. R. Wang, C. L. Hsieh, C. Shih, 2012, “Effect of Fuel Assembly Grouping on Instability of Chinshan NPP”, ANS Annual Meeting,

Chicago, June 24-28, 2012.

11. L. C. Huang, Z. Y. Hung, Y. M. Ferng, C. Shih, B. S. Pei, 2012, "Short Term Analysis of MSLB for PWR Type Containment", ANS Annual Meeting, Chicago, June 24-28, 2012.
12. C. L. Hsieh, G. Y. Chen, H. T. Lin, J. R. Wang, C. Shih, 2012, "Comparative Study in the Stability Analysis Code of LAPUR5.2 and LAPUR6 for the Kuosheng NPP", ICONE 20 and POWER 2012, Anaheim, CA., USA, July 30 – Aug. 3, 2012.
13. J. R. Wang, H. T. Lin, H. C. Chen, W. C. Wang, C. Shih, 2012, "Station Blackout Analysis of Lungmen ABWR Using TRACE", ICONE 20 and POWER 2012, Anaheim, CA., USA, July 30 – Aug. 3, 2012.
14. A. L. Ho, J. R. Wang, C. Shih, H. T. Lin, 2012, "TRACE/PARCS Analysis of Full Isolation Startup Test for Lungmen ABWR", ICONE 20 and POWER 2012, Anaheim, CA., USA, July 30 – Aug. 3, 2012.
15. T. S. Feng, J. R. Wang, H. T. Lin, C. Shih, 2012, "TRACE/PARCS Modeling of Feedwater Pump Trip Transients for Lungmen ABWR", ICONE 20 and POWER 2012, Anaheim, CA., USA, July 30 – Aug. 3, 2012.
16. C. Y. Chen, C. Shih, R. Y. Lin, J. R. Wang, 2012, "The Extreme Event of the LOCA and Extended SBO with the TRACE Model of Chinshan BWR4 NPP", ICONE 20 and POWER 2012, Anaheim, CA., USA, July 30 – Aug. 3, 2012.
17. Chiung-Wen Tsai, Chunkuan Shih, Jong-Rong Wang, Hao-Tzu Lin, Su-Chin Cheng, Fong-Lun Lin, 2012, "Application of Genetic Algorithm on Optimization of Pressure Control System for Lungmen NPP", Int. Top. Mtg. on Nuclear Thermal-Hydraulics, Operation and Safety (NUTHOS-9), Kaoshiung, Taiwan, Sept. 9-13, 2012.
18. Wen-Jie Chang, Chunkuan Shih, Jong-Rong Wang, Hao-Tzu Lin, 2012, "TRACE Analysis of Station Blackout Transient in Chinshan BWR/4", Int. Top. Mtg. on Nuclear Thermal-Hydraulics, Operation and Safety (NUTHOS-9), Kaoshiung, Taiwan, Sept. 9-13, 2012.
19. Kai Wang, Hao-Tzu Lin, Che-Hao Cheng, Jong-Rong Wang, Chun-kuan Shih, 2012, "Analysis of Station Blackout Accident in AP1000 Nuclear Power Station Using TRACE Code", Int. Top. Mtg. on Nuclear Thermal-Hydraulics, Operation and Safety (NUTHOS-9), Kaoshiung, Taiwan, Sept. 9-13, 2012.
20. Wen-Hsiung Wu, Jong-Rong Wang, Chunkuan Shih, 2012, "Station Blackout Analysis for Lungmen ABWR with RETRAN Assessment", Int. Top. Mtg. on Nuclear Thermal-Hydraulics, Operation and Safety (NUTHOS-9), Kaoshiung,

Taiwan, Sept. 9-13, 2012.

21. Shao-Hsuan Chen, Chunkuan Shih, Yi-Hsiang Cheng, Jong-Rong Wang, 2012, “Developments and Applications of EPZ Dose for Offsite Dose Evaluations in Nuclear Power Plant Accident Conditions”, Int. Top. Mtg. on Nuclear Thermal-Hydraulics, Operation and Safety (NUTHOS-9), Kaoshiung, Taiwan, Sept. 9-13, 2012.
22. Chun-Yu Chen, Chunkuan Shih, Jong-Rong Wang, Hao-Tzu Lin, 2012, “The TRACE Modelling on the LBLOCA of the BWR4 Chinshan NPP”, Int. Top. Mtg. on Nuclear Thermal-Hydraulics, Operation and Safety (NUTHOS-9), Kaoshiung, Taiwan, Sept. 9-13, 2012.
23. Jung Hua Yang, Jong Rong Wang, Hao Tzu Lin, Chunkuan Shih, 2012, “Analysis of Maanshan SBLOCA by TRACE code”, Int. Top. Mtg. on Nuclear Thermal-Hydraulics, Operation and Safety (NUTHOS-9), Kaoshiung, Taiwan, Sept. 9-13, 2012.
24. Kai-Lan Chang, Chunkuan Shih, Julian S.C. Chiang, 2012, “Transient Analysis of Anticipated Station Blackout (SBO) Events for Lungmen by PCTRAN-ABWR Code”, Int. Top. Mtg. on Nuclear Thermal-Hydraulics, Operation and Safety (NUTHOS-9), Kaoshiung, Taiwan, Sept. 9-13, 2012.
25. C. C. Liu, L. C. Wang, T. L. Weng, S. C. Chiang, C. Y. Yang, W. S. Huang, P. Y. Yeh, K. S. Liang, B. S. Pei, C. K. Shih, 2012, “Simulaion of Control System Startup Test for Lungmen Nuclear Power Station Using Dual RELAP5 Engineering Simulator”, Int. Top. Mtg. on Nuclear Thermal-Hydraulics, Operation and Safety (NUTHOS-9), Kaoshiung, Taiwan, Sept. 9-13, 2012.
26. Chin-Cheh Chang, Tsung-Sheng Feng, Jong-Rong Wang, Kai-Chun Huang, Chunkuan Shih, 2012, “Analysis of RPV Depressurization and Alternate Water Injection Strategy in SBO of BWR-6 Nuclear Power Plants”, Int. Top. Mtg. on Nuclear Thermal-Hydraulics, Operation and Safety (NUTHOS-9), Kaoshiung, Taiwan, Sept. 9-13, 2012.
27. Hao-Tzu Lin, Jong-Rong Wang, Chang-Lung Hsieh, Chunkuan Shih, 2012, “TRACE/PARCS/LAPUR Stability Analysis for Lungmen ABWR Nuclear Power Plant”, Int. Top. Mtg. on Nuclear Thermal-Hydraulics, Operation and Safety (NUTHOS-9), Kaoshiung, Taiwan, Sept. 9-13, 2012.
28. Chang-Lung Hsieh, Jong-Rong Wang, Hao-Tzu Lin, Guan-Yu Chen, Chunkuan Shih, 2012, “Comparative Studies in Pressure Drop Correlation Effects on

- Instability Analysis for Chinshan NPP by LAPUR Methodology”, Int. Top. Mtg. on Nuclear Thermal-Hydraulics, Operation and Safety (NUTHOS-9), Kaoshiung, Taiwan, Sept. 9-13, 2012.
29. Hsiung-Chih Chen, Jong-Rong Wang, Hao-Tzu Lin, Chunkuan Shih, Wei-Chen Wang, 2012, “Generator Load Rejection with Failure of All Bypass Analysis for Lungmen ABWR Using TRACS/PARCS”, Int. Top. Mtg. on Nuclear Thermal-Hydraulics, Operation and Safety (NUTHOS-9), Kaoshiung, Taiwan, Sept. 9-13, 2012.
 30. Che-Hao Chen, Hao-Tzu Lin, Jong-Rong Wang, Chunkuan Shih, 2012 “RCS Pressure Predictions under ATWS for Maanshan PWR Using TRACE”, Int. Top. Mtg. on Nuclear Thermal-Hydraulics, Operation and Safety (NUTHOS-9), Kaoshiung, Taiwan, Sept. 9-13, 2012.
 31. Yu-Ting Ku, Yung-Shin Tseng, Chih-Wei Su, Jong-Rong Wang, Chunkuan Shih, 2012, “The Thermal Hydraulic Behavior in Core Inlet Region of BWR with the Inadvertent Startup of HPCI”, Int. Top. Mtg. on Nuclear Thermal-Hydraulics, Operation and Safety (NUTHOS-9), Kaoshiung, Taiwan, Sept. 9-13, 2012.
 32. Yu-Ting Ku, Yung-Shin Tseng, Jong-Rong Wang, Chunkuan Shih, Yuh-Ming Ferng, 2012, “Using CFD to Investigate the Themal-Hydraulic Behavior and Thermal Mixing Phenomena in the Lower Plenum of BWR”, ISTP-23, The 23rd International Symposium on Transport Phenomena, Auckland, New Zealand, Nov. 19-22, 2012.
 33. Hui-Chen Wang, Jong-Rong Wang, Hao-Tzu Lin, Chunkuan Shih, 2012, “TRACE Modeling of Spent Fuel Pool Safety Analysis in SBO”, ISTP-23, The 23rd International Symposium on Transport Phenomena, Auckland, New Zealand, Nov. 19-22, 2012.
 34. Che-Hao Chen, Jong-Rong Wang, Hao-Tzu Lin, Chunkuan Shih, 2012, “Application of TRACE to RCS Pressure Analysis under ATWS for Maanshan PWR”, ENC 2012, Manchester, UK, 9-12 Dec., 2012.
 35. Wei Chen, Chunkuan Shih, Junghua Yang, Hao-Tzu Lin, Jong-Rong Wang, 2012, “Fuel Analysis in LBLOCA with Code TRACE/FRAPTRAN”, ENC 2012, Manchester, UK, 9-12 Dec., 2012
 36. Chun-Yu Chen, Chunkuan Shih, Jong-Rong Wang, Hao-Tzu Lin, 2012, “Sensitivity Studies on Early HPCI Injection and Increased RCUC Flow in the SBLOCA Combined SBO Accident with TRACE Chinshan Mode”, ENC 2012, Manchester, UK, 9-12 Dec., 2012.

2013(19篇)

1. Jung-Hua Yang, Jong-Rong Wang, Chunkuan Shih, 2013, “Dynamic Presentations of TRACE/PARCS Analysis for Plant Transients”, Conference on Nuclear Training and Education 2013, Feb. 3 – 6, Jacksonville, FL, USA
2. K. Y. Chen, J. R. Wang, H. T. Lin, C. Shih, & C. L. Hsieh, 2013, “Stability Analysis on Power/Flow Map of ABWR”, Proceeding of ICAPP 2013, Jiju Island, Korea, April 14-18, 2013.
3. Chun-Yu Chen, Chunkuan Shih, Jong-Rong Wang and Hao-Tzu Lin, 2013, “Sensitivity Study on Different Break Size with Only High Pressure ECC System available Using TRACE Chinshan Model”, The 15th Int. Top. Mtg. on Nuc. Thermal-Hydraulics, NURETH-15, Pisa, Italy, May 12-17, 2013.
4. T. S. Feng, J. R. Wang, H. T. Lin, S. C. Chiang, C. Shih, 2013, “Analysis of Loss of Feedwater Heater Transients for Lungmen ABWR by TRACE/PARCS”, The 15th Int. Top. Mtg. on Nuc. Thermal-Hydraulics, NURETH-15, Pisa, Italy, May 12-17, 2013.
5. C. Y. Chang, J. R. Wang, H. T. Lin, C. Shih, 2013, “TRACE/PARCS 3D Simulation of HPCF Inadvertent Startup for Lungmen ABWR”, The 15th Int. Top. Mtg. on Nuc. Thermal-Hydraulics, NURETH-15, Pisa, Italy, May 12-17, 2013.
6. Jung-Hua Yang, Jong-Rong Wang, Hao-Tzu Lin, Chunkuan Shih, 2013, “TRACE Analysis of the IIST Loop-Seal Experiment Benchmark”, The 15th Int. Top. Mtg. on Nuc. Thermal-Hydraulics, NURETH-15, Pisa, Italy, May 12-17, 2013.
7. H. C. Chen, J. R. Wang, H. T. Lin, W. C. Chang, C. Shih, 2013, “TRACE Modeling of the Increase in Reactor Pressure Transients for chinshan BWR/4”, The 15th Int. Top. Mtg. on Nuc. Thermal-Hydraulics, NURETH-15, Pisa, Italy, May 12-17, 2013.
8. Kai-Chun Huang, Jong-Rong Wang, Hao-Tzu Lin, Chunkuan Shih, 2013, “TRACE Code Analysis for Station Blackout Mitigation Strategy in PWR Nuclear Power Station”, The 15th Int. Top. Mtg. on Nuc. Thermal-Hydraulics, NURETH-15, Pisa, Italy, May 12-17, 2013.
9. H. T. Lin, J. R. Wang, C. Shih, and J.H. Yang, 2013, “CAMP activities in Taiwan”, CAMP Spring Meeting, Pisa, Italy, May 7-10, 2013.
10. C.Y. Chang, T.S. Feng, J.R. Wang and C. Shih, 2013, “Establishment and Applications of Lungmen ABWR TRACE/PARCS Models”, CAMP Spring Meeting, Pisa, Italy, May 7-10, 2013.
11. K.C. Huang, J.R. Wang, H.T. Lin, and C. Shih, 2013, “TRACE Simulation of SBO accident and Mitigation Strategy in Maanshan PWR”, CAMP Spring Meeting, Pisa, Italy, May 7-10, 2013

12. Yu-Kai Huang, Zhen-Yu Hung, Yuh-Ming Ferng, Chunkuan Shih, Bau-Shi Pei, 2013, “Gas Diffusion Simulated by GOTHIC Code in H-Shape Tube”, ANS Transactions, Annual Meeting, Atlanta, GA., June 2013.
13. Yi-Han Chen, Yuh-Ming Ferng, Bau-Shi Pei, Chunkuan Shih, 2013, “Sensitivity Analysis of Ultimate Response Guideline for Kuosheng BWR with MAAP5”, ANS Transactions, Annual Meeting, Atlanta, GA., June 2013.
14. Pin-Yu Yuan, Yuh-Ming Ferng, Bau-Shi Pei, Chunkuan Shih, 2013, “Sensitivity Analysis of Ultimate Response Guideline for AP600 with MAAP5”, ANS Transactions, Annual Meeting, Atlanta, GA., June 2013.
15. Wei Chen, Shao-Wen Chen, Chunkuan Shih, Jung-Hua Yang, Hao-Tzu Lin, Jong-Rong Wang, 2013, “TRACE/FRAPTRAN Code Simulation for Fuel Rod under LBLOCA”, LWR Fuel Performance Meeting, Topfuel 2013, Charlotte, NC, USA, Sept. 15-19, 2013
16. J. R. Wang, K. Wang, H. T. Lin, C. Shih, 2013, “TRACE Analysis of Loss of AC Power to the Station Auxiliaries Accident in AP1000”, Int. Conf. on Nuclear Power Engineering, ICNPE 2013, Istanbul, Turkey, Sept. 19-20, 2013.
17. Yu-Ting Ku, Yung-Shin Tseng, Jong-Rong Wang, Chunkuan Shih, Y.M. Ferng, 2013, “Thermal Hydraulic Behavior in Lower Plenum of chinshan Nuclear Power Plant Using Computational Fluid Dynamics”, ANS Transactions, Winter Meeting, Washington DC, Nov. 2013.
18. Hui-Chen Wang, Jong-Rong Wang, Hao-Tzu Lin, Chunkuan Shih, 2013, “TRACE Analysis of Spent Fuel Pool Loss-of-Coolant Accidents”, ANS Transactions, Winter Meeting, Washington DC, Nov. 2013.
19. Yu Chiang, Hao-Tzu Lin, Jong-Rong Wang, Chunkuan Shih, 2013, “Assessment of TRACE Fuel Rod Model Using IFA-431 Experiments”, ANS Transactions, Winter Meeting, Washington DC, Nov. 2013.

2014(14篇)

1. Hao-Chun Chang, Wei-Keng Lin, Wan-Yun Li, Chunkuan Shih, 2014, “The Turbine Trip without Bypass Analysis of Kuosheng BWR/6 using TRACE/FRAPCON/FRPATRAN,” ANS Transactions, Spring meeting, Reno, NV, June, 2014.
2. Chunkuan Shih, Wan-Yun Li, Jong-Rong Wang, Wei-Keng Lin, Yong-Shin Tseng, Hao-Tzu Lin, 2014, “The Spent Fuel Pool Analysis of Chinshan BWR/4 using TRACE/CFD/FRAPTRAN,” ANS Transactions, Spring meeting, Reno, NV, June, 2014.
3. Jung-Hua Yang, Jong-Rong Wang, Hao-Tzu Lin, Chunkuan Shih, 2014, “Best Estimate Analysis of Maanshan PWR LBLOCA by TRACE coupling with

- DAKOTA,” ICONE 22, Prague, Czech Republic, July 7 – 11, 2014
4. Ailing Ho, Jong-Rong Wang, Hao-Tzu Lin, Chunkuan Shih, 2014, “Analysis of the Control Rod Drop Accident (CRDA) for Lungmen ABWR,” ICONE 22, Prague, Czech Republic, July 7 – 11, 2014
 5. Yu Chiang, Hao-Tzu Lin, Jong-Rong Wang, Shao-Wen Chen, Yung-Shin Tseng, Chunkuan Shih, 2014, “Modeling and Application of TRACE in the Kuosheng BWR/6 NPP Dry-Storage System,” ICONE 22, Prague, Czech Republic, July 7 – 11, 2014
 6. Yung-Shin Tseng, Chun-Yu Chen, Yuh-Ming Ferng, Chunkuan Shih, 2014, “Investigation the Natural Convection Behavior in the Transportable Storage Canistor of Dry Storage Systems through CFD Simulation,” ICONE 22, Prague, Czech Republic, July 7 – 11, 2014
 7. Jhjh-Jhong Huang, Hsiung-Chih Chen, Jong-Rong Wang, Lih-Yih Liao, Chunkuan Shih, Hao-Tzu Lin, 2014, “The Load Rejection Transient Analysis of Chinshan NPP (BWR/4) Using TRACE/PARCS,” ICONE 22, Prague, Czech Republic, July 7 – 11, 2014
 8. Yung-Shin Tseng, Ting-Kang Tseng, Yuh-Ming Ferng, Chunkuan Shih, 2014 “Investigating the pressurized thermal shock behavior in Maanshan nuclear power plant during main steam line break accident,” PBNC, Vancouver, Canada, Aug. 24 – 28, 2014.
 9. Yung-Shin Tseng, Pei-Chi Tseng, Chunkuan Shih, 2014, “Investigating the thermal behavior in spent fuel dry storage systems during beyond design basis accident conditions,” PBNC, Vancouver, Canada, Aug. 24 – 28, 2014.
 10. Yuting Hsu, Chunkuan Shih, Jung-Hua Yang, 2014, “Analysis and application of station blackout mitigation strategy in Lungmen ABWR with PCTTRAN code,” PBNC, Vancouver, Canada, Aug. 24 – 28, 2014.
 11. Shao-Hsuan Chen, Jomg-Rong Wang, Chunkuan Shih, 2014, “EPZDose, An offsite dose evaluation code for radioactive material release accidents,” PBNC, Vancouver, Canada, Aug. 24 – 28, 2014.
 12. Jong-Rong Wang, Hao-Tzu Lin, Hsiung-Chih Chen, Jung-Hua Yang, Chunkuan Shih, 2014, “TRACE/FRAPTRAN Analysis of Kuosheng (BWR/6) Nuclear Power Plant for the Similar Fukushima Accident”, NUTHOS-10, Okinawa, Japan, Dec. 14-18, 2014.
 13. Jong-Rong Wang, Hao-Tzu Lin, Te-Chuan Wang, Hsiung-Chih Chen, Jung-Hua Yang, Chunkuan Shih, 2014, “MELCOR/SNAP Analysis of Chinshan (BWR/4) Nuclear Power Plant Spent Fuel Pool for the Similar Fukushima Accident”, NUTHOS-10, Okinawa, Japan, Dec. 14-18, 2014.
 14. Wen-Hsiung Wu, Jong-Rong Wang, Lih-Yih Liao, Hao-Tzu Lin, Chunkuan Shih,

Shao-Wen Chen, 2014, “The Assessment of the Fukushima Like Accident for Kuosheng BWR/6 with TRACE”, NUTHOS-10, Okinawa, Japan, Dec. 14-18, 2014.

2015(20篇)

1. J. R. Wang, H. T. Lin, Y.T. Lee, A. L. Ho, S. W. Chen, and C. Shih, “The Analysis of TRACE/FRAPTRAN in Ultimate Response Guideline for Lungmen ABWR Nuclear Power Plant”, NURETH-16, August 30-September 4, Hyatt Regency Chicago, 2015.
2. Che-Hao Chen, Kai-Chun Huang, Shao-Wen Chen, Jong-Rong Wang, Chunkuan Shih, Hao-Tzu Lin, Show-Chyuan Chiang, Chia-Chuan Liu, “Assessment of Station Blackout Mitigation Strategy Applying The Ultimate Response Guideline to Maanshan PWR”, NURETH-16, August 30-September 4, Hyatt Regency Chicago, 2015.
3. Yu Chiang, Jong-Rong Wang, Hao-Tzu Lin, Shao-Wen Chen , Chunkuan Shih, “Methodology Using MELCOR2.1/SNAP to Establish An SBO Model Of Chinshan BWR/4 Nuclear Power Plant”, NURETH-16, August 30-September 4, 2015, Hyatt Regency Chicago, 2015.
4. Yu-Ting Ku, Yung-Shin Tseng, Jung-Hua Yang, Shao-Wen Chen, Jong-Rong Wang, Chunkuan Shin, “Developments and Applications of TRACE/CFD Model of Maanshan PWR Pressure Vessel”, NURETH-16, August 30-September 4, 2015, Hyatt Regency Chicago, 2015.
5. Jung-Hua Yang, Jong-Rong Wang, Shao Wen Chen , Chunkuan Shih, Wan-Yun Li, “Fuel Rod Performance and Uncertainty Analysis during LBLOCA by FRAPTRAN/TRACE Code”, TopFuel 2015, Sept. 13 – Sept. 17, Zurich, Switzerland.
6. Yu Chiang, Wan-Yun Li, Shao-Wen Chen, Jong-Rong Wang, Chunkuan Shih, Hao-Tzu Lin, “Uncertainty Analysis For Chinshan (BWR/4) Spent Fuel Pool Severe Accident By MELCOR2.1/SNAP and DAKOTA”, TopFuel 2015, 13 - 17 September, Zurich, Switzerland, 2015.
7. Wan-Yun Li, Hao-Chun Chang, Hao-Tzu Lin, Shao-Wen Chen, Jong-Rong Wang, Chunkuan Shih, “Fuel Rod Uncertainty Analysis of Chinshan NPP Spent Fuel Pool by TRACE and FRAPTRAN/DAKOTA/SNAP”, TopFuel 2015, Sept. 13 – Sept. 17, Zurich, Switzerland.
8. Ai-Ling Ho, Chunkuan Shih, Shao-Wen Chen, Jong-Rong Wang, Hao-Tzu Lin, “Main Steam Line Break Analysis For Lungmen ABWR”, TopFuel 2015, Sept. 13 – Sept. 17, Zurich, Switzerland.

9. Tseng, Y.S., Tseng, P.C.T., Ferng, Y.M., Shih, C., Pei, B.S., “Using CFD simulation to evaluate the crack growth rate of CISCC on the TSC of Dry Storage System”, TopFuel 2015, Sept. 13 – Sept. 17, Zurich, Switzerland.
10. Ting-Yi Wang, Yu-Ting Hsu, Jong-Rong Wang, Chun-Kuan Shih, Shao-Wen Chen, “Applications of PCTTRAN for URG Evaluations Under SBO Conditions in Chinshan BWR/4”, ANS Transactions, November 8-12, 2015, Washington, DC, USA, 2015.
11. T. K. Yeh, J. H. Liang, C. Shih, 2015, “Regional Cooperative Nuclear Engineering Summer Schools in Western Pacific Basin”, ANS Transactions, Washington, DC. , USA. November 8 - 12, 2015.
12. Yung-Shin Tseng, C. H. Chu, Y. M. Ferng, C. K Shih, 2015, “Investigating the Thermal Behavior of Lifetime for a DSS Through CFD”, ANS Transactions, Washington, DC. , USA. November 8 - 12, 2015.
13. Hao Chun Chang, Jong-Rong Wang, Show-Chyuan Chiang, Chia-Chuan Liu, Chunkuan Shih, 2015, “Model Establishment and Application of Kuosheng Nuclear Power Plant with RELAP 5 MOD 3.3 Code through the SNAP Interface”, ANS Transactions, Washington, DC. , USA. November 8 - 12, 2015.
14. Yu-Tzer Lee, S. W. Chen, J. R. Wang, C. Shih, 2015, “The SBO Analysis with URG Procedure for Lungmen ABWR using TRACE/FRAPTRAN Codes”, ANS Transactions, Washington, DC. , USA. November 8 - 12, 2015.
15. Jong-Rong Wang, Hsiung-Chih Chen, Fei-Hao Huang, Hao-Tzu Lin, Shao-Wen Chen, Chunkuan Shih, “Containment Simulation and Analysis of TRACE in Kuosheng (BWR/6) Nuclear Power Plant”, ICONE23, ICONE23-1219, May 17-21, 2015, Chiba, Japan , 2015.
16. Jhih-Jhong Huang, Jong-Rong Wang, Chunkuan Shih, Shao-Wen Chen, Lih-Yih Liao, Hao-Tzu Lin, “The Establishment and Analysis of TRACE Model for Ultimate Response Guideline of Chinshan Nuclear Power Plant”, ICAPP 2015, May 3 – 6, 2015, Nice, France.
17. Che-Hao Chen, Jong-Rong Wang, Hao-Tzu Lin, and Chunkuan Shih, “Pressure Estimation of SBO ATWS for Maanshan PWR”, ICAPP 2015, May 3 – 6, 2015, Nice, France.
18. Shao-Wen Chen, Wei-Kun Lin, Hao-Chun Chang, Wan-Yun Li, Chunkuan Shih, Jong-Rong Wang, Hao-Tzu Lin, “Fuel Rod Uncertainty Analysis of Kuosheng Nuclear Power Plant with TRACE/ FRAPTRAN/DAKOTA Codes in SNAP Interface”, ICAPP 2015, May 3 – 6, 2015, Nice, France.
19. Shuming Yang, Hao-Tzu Lin, Jong-Rong Wang, Chunkuan Shih, Shao-Wen Chen, “3RIP Trip Test Simulation of Lungmen ABWR under Different Power

and Flow Conditions”, ICAPP 2015, May 3 – 6, 2015, Nice, France.

20. Fei-Hao Huang, Chunkuan Shih, Jong-Rong Wang, Hao-Tzu Lin, Wei-Keng Lin, Shao-Wen Chen, “The Model Establishment and Assessment of Transients for Kuosheng (BWR/6) NPP after SPU with TRACE/FRAPCON/FRAPTRAN”, ICAPP 2015, May 3 – 6, 2015, Nice, France.

2016(31篇)

1. Yu-Ting Ku, Yung-Shin Tseng, Jung-Hua Yang, Shao-Wen Chen, Jong-Rong Wang, Chunkuan Shih, “The Establishment and Application of TRACE/CFD Model for Maanshan PWR Nuclear Power Plant”, ICMEMTC, Feb 27-28, China, 2016.
2. Jong-Rong Wang, Yung-Shin Tseng, Wan-Yun Li, Jung-Hua Yang, Hao-Tzu Lin, Hsiung-Chih Chen, Shao-Wen Chen, Chunkuan Shih, Show-Chyuan Chiang, Tzu-Yao Yu, “The Ultimate Response Guideline Simulation and Analysis by Using TRACE/FRAPTRAN for Chinshan Nuclear Power Plant”, TOP FUEL 2016, SEPTEMBER 11-16, BOISE CENTRE, BOISE, IDAHO, U.S.A., 2016.
3. Shaohsuan Chen, Chunkuan Shih, Jong-Rong Wang, “Modeling Fukushima Dose Consequences with EPZDose”, PBNC, Beijing, China, April 5-9, 2016.
4. Chunkuan Shih, Jong-Rong Wang, Te-Chuan Wang, Hao-Tzu Lin, Hsiung-Chih Chen, Yu Chiang, Shao-Wen Chen, Show-Chyuan Chiang, Tzu-Yao Yu, “The Establishment and Simulation of TRACE/FRAPTRAN/MELCOR/SNAP Model for Chinshan Nuclear Power Plant Ultimate Response Guideline”, PBNC, Beijing, China, April 5-9, 2016.
5. Chang Ching, Huang Chun-Fu, Chen Shao-Wen, Yang Jung-Hua, Wang Jong-Rong, Shih Chunkuan, Lin Wei-Keng, “Thermal-hydraulic Analysis of NSSS and Containment during Postulated LOCA for Maanshan Nuclear Power Plant by TRACE”, PBNC, Beijing, China, April 5-9, 2016.
6. Huang Chun-Fu, Chang Ching, Yang Jung-Hua, Wang Jong-Rong, Shih Chunkuan, Chen Shao-Wen, “Analysis of a Exercise Script of Ultimate Response Guideline in Maanshan NPP by TRACE Code”, PBNC, Beijing, China, April 5-9, 2016.
7. Yu Chiang, Jong-Rong Wang, Ting-Yi Wang, Hao-Tzu Lin, Te-Chuan Wang, Wen-Sheng Hsu, Jyh-Tong Teng, Shao-Wen Chen, Chunkuan Shih, “The Ultimate Response Guideline Simulation and Analysis by using MELCOR2.1/SNAP for Chinshan BWR/4 Nuclear Power Plant”, ICAPP, San Francisco, USA, April 17-20, 2016.
8. Jung-Hua Yang, Jong-Rong Wang, Chunkuan Shih, Shao-Wen Chen, “Evaluation of Extended Loss of AC Power Event and Mitigation Strategy in

- Maanshan PWR using TRACE Code”, ICAPP, San Francisco, USA, April 17-20, 2016.
9. Jong-Rong Wang, Yung-Shin Tseng, Hao-Tzu Lin, Yu Chiang, Wen-Sheng Hsu, Jyh-Tong Teng, Hsiung-Chih Chen, Shao-Wen Chen, Chunkuan Shih, “The MELCOR Analysis of Chinshan Nuclear Power Plant Spent Fuel Pool for Fukushima-like Accident”, ANS Annual meeting, 2016.
 10. Yu Chiang, Ai-Ling Ho, Jong-Rong Wang, Shao-Wen Chen, Chunkuan Shih, Wen-Sheng Hsu, Jyh-Tong Teng, “MELCOR2.1/SNAP Analysis of Fukushima-like Accident for Chinshan BWR/4 NPP”, NUTHOS.11, 2016.
 11. Wen-Hsiung Wu, Lih-Yih Liao, Jong-Rong Wang, Chunkuan Shih, Shao-Wen Chen, “Temperature and Pressure Analysis of LOCA for Kuosheng MARK III Containment Using TRACE/CONTAN”, NUTHOS.11, 2016.
 12. Jung-Hua Yang, Shao-Wen Chen, Ailing Ho, Jong-Rong Wang, Chunkuan Shih, “Establishment of TRACE containment model and Maanshan ELAP analysis”, NUTHOS.11, 2016.
 13. Wan-Yun Li, Jong Rong Wang, Yung-Shin Tseng, Wan-June Chiu, Hao-Tzu Lin, Jung-Hua Yang, Shao-Wen Chen, Chunkuan Shih, “The Fuel Integrity Analysis of Transfer Processes for Chinshan Dry-Storage System by FRAPTRAN/CFD”, TopFuel 2016, BOISE CENTRE, BOISE, IDAHO, U.S.A., September 11-16, 2016.
 14. Jong-Rong Wang, Yung-Shin Tseng, Wan-Yun Li, Hao-Tzu Lin, Hsiung-Chih Chen, Shao-Wen Chen, Chunkuan Shih, Show-Chyuan Chiang, Tzu-Yao Yu, “The Ultimate Response Guideline Simulation and Analysis by Using TRACE/FRAPTRAN for Chinshan Nuclear Power Plant”, TopFuel 2016, BOISE CENTRE, BOISE, IDAHO, U.S.A., September 11-16, 2016.
 15. Y. T. Hsu, J. H. Yang, S. C. Chiang, T. Y. Yu, C. Shih, “Analysis of ELAP and Mitigation Strategies In Maanshan PWR with PCTAN”, ANS Winter Meeting, November 6-10,2016 / Las vegas, NY.
 16. H.C. Chang, C. Shih, J. R. Wang, S.C. Chiang, T.Y. Yu, “ Fuel Rod Thermo-Mechanic Analysis of Kuosheng NPP in MSIVC Transient With RELAP5 Mod3.3/FRAPTRAN/PYTHON Code In Snap Interface”, ANS Winter Meeting, November 6-10,2016 / Las vegas, NY.
 17. Yu Chiang, Yu-Ting Ku, Jong-Rong Wang, Shao-Wen Chen, Wen-Sheng Hsu, Sheng-Shun Wang, Jing Chang, Chunkuan Shih, “Extended Loss of AC Power

- (ELAP) Analysis of Kuosheng BWR/6 Using MELCOR2.1/SNAP”, PSAM, October 2-7,2016 / Seoul,Korea.
18. Yu Chiang, Yu-Ting Ku, Jong-Rong Wang, Shao-Wen Chen, Wen-Sheng Hsu, Jyh-Tong Teng, Chunkuan Shih, “MELCOR Analysis on Hydrogen Behaviors of Chinshan NPP Spent Fuel Pool”, PSAM, October 2-7,2016 / Seoul,Korea.
 19. 陳雄智、王仲容、施純寬, “核三廠之控制室適居性HABIT分析方法論建立與應用”, CSME, DEC3-4, 2016/新竹工業技術研究院
 20. 陳雄智、王仲容、施純寬, “核三廠之放射性核種遷移、移除與劑量評估 (RADTRAD/SNAP)模式建立與應用”, CSME, DEC3-4, 2016/新竹工業技術研究院
 21. 陳雄智、王仲容、陳紹文、施純寬, “核二廠TRACE/SNAP斷然處置措施模擬與分析”, CSME, DEC3-4, 2016/新竹工業技術研究院
 22. 李宛芸、王仲容、曾永信、楊融華、陳紹文、施純寬, “核一廠乾式貯存傳送階段之CFD/FRAPTRAN分析”, CSME, DEC3-4, 2016/新竹工業技術研究院
 23. 蔣宇、王仲容、陳紹文、施純寬, “MELCOR2.1/SNAP程式於金山電廠全黑事故之氫氣行為評估”, CSME, DEC3-4, 2016/新竹工業技術研究院
 24. 黃文樞、楊融華、王仲容、施純寬、江授全、游子堯, “應用龍門電廠SNAP/RELAP5模式進行URG斷然處置案例分析”, CSME, DEC3-4, 2016/新竹工業技術研究院
 25. 徐鈺婷、王仲容、楊融華、江授全、游子堯、施純寬, “應用馬鞍山電廠PCTTRAN模式進行長期喪失交流電源案例分析”, CSME, DEC3-4, 2016/新竹工業技術研究院
 26. 王亭懿、陳紹文、王仲容、施純寬, “運用DandD進行核能電廠除役後外釋劑量評估”, CSME, DEC3-4, 2016/新竹工業技術研究院
 27. 張靖、蔣宇、陳紹文、王仲容、施純寬, “MELCOR2.1/SNAP應用於國聖電廠之ELAP研究”, CSME, DEC3-4, 2016/新竹工業技術研究院
 28. 黃俊富、楊融華、辜郁庭、陳紹文、王仲容、施純寬, “應用於核三廠MSLB案例分析之TRACE/CFD程式結合與發展”, CSME, DEC3-4, 2016/新竹工業技術研究院
 29. 李尚諭、楊融華、王仲容、陳紹文、施純寬, “結合TRACE程式與FRAPTRAN程式分析核三廠破口事故之核燃料行為”, CSME, DEC3-4, 2016/新竹工業技術研究院
 30. 楊鎧駿、楊融華、王仲容、陳紹文、江授全、游子堯、施純寬, “在SNAP介面下建立核三廠RELAP5/MOD3.3分析模式與驗證”, CSME, DEC3-4, 2016/新竹工業技術研究院
 31. 鄭憶湘、王仲容, “長途輸送管線洩漏後流體動力行為分析模式”, CSME, DEC3-4, 2016/新竹工業技術研究院

2017(25篇)

1. Wan-Yun Li, Yu Chiang Jong-Rong Wang, Hao-Tzu Lin, Shao-Wen Chen and Chunkuan Shih, "The Analysis of Kuosheng Nuclear Power Plant Spent Fuel Pool by Using FRAPTRAN-2.0", ICAPP 2017, April 24-28, 2017 / FUKUI and KYOTO,JAPAN.
2. Jong-Rong Wang, Wen-Shu Huang, Hao-Chun Chang, Shao-Wen Chen, Chunkuan Shih, "The ultimate response guideline simulation and analysis by using RELAP5/SNAP for Lungmen ABWR nuclear power plant under Fukushima-like condition", ICAPP 2017, April 24-28, 2017 / FUKUI and KYOTO,JAPAN.
3. Yung-Shin Tseng, Chu Ching Hau, Hung Yu Chen, Jong-Rong Wang, Zhi-Tian Liu, Chunkuan Shih, "Developing a Re-Inspection Evaluation Method for CI-SCC in Chinshan ISFSI", IHLRWM, April 9-13, 2017 / Charlotte, NC / Westin.
4. Jung-Hua Yang 、 Shao-Wen Chen 、 Jong-Rong Wang 、 ChunKuan Shih, "Development And Validation Of PWR Containment Analysis Model Using TRACE Code", NUPP, Feb 6-8 ,2017 / in London, UK.
5. Ting-Yi Wang, Yu-Ting Hsu, Yun-Fei Chang, Shao-Wen Chen,Jong-Rong Wang, Chunkuan Shih, Show-Chyuan Chiang, Tzu-Yao Yu, " Effectiveness of Depressurization and Injections Strategies During Extended SBO for Chinshan BWR/4 NPP", TopSafe2017, 12 - 16 February 2017 in Vienna, Austria.
6. Yu-Ting Ku, Yung-Shin Tseng,Shao-Wen Chen,Jong-Rong Wang, Chunkuan Shin, Yum-Fei Chang, "The Improvement of Downcomer and Lower-Plenum Model of Chinshan Nuclear Power Plant By Using CFD Simulation", TopSafe2017, 12 - 16 February 2017 in Vienna, Austria.
7. Yu Chiang, Rong-Jiun Sheu, Shao-Wen Chen, Shao-Shuan Chen, Yu-Ting Ku, Jong-Rong Wang, Chunkuan Shih, Wen-Sheng Hsu, "Analysis of An Exercise Script of Ultimate Response Guideline in Maanshan NPP by TRACE Code", TopSafe2017, 12 - 16 February 2017 in Vienna, Austria.
8. Chun-Fu Huang, Jung-Hua Yang, Shao-Wen Chen, Jong-Rong Wang, Chunkuan Shih, "Analysis of A Postulated ELAP Event in Maanshan NPP Using TRACE Code", TopSafe2017, 12 - 16 February 2017 in Vienna, Austria.
9. Shang-Yu LI,Jung-Hua YANG,Shao-Wen CHEN,Jong-Ron WANG,Chunkuan SHIH,Wan-Yun LI, "Fuel Rod Behavior Analysis Using FRAPTRAN/TRACE code for Maanshan NPP under Fukushima-like Conditions",WRFPM, Sep10-14,2017/Jeju Island Korea

10. Y. Chiang, W. Y. Li, J. H. Yang, S. W. Chen, R. J. Sheu, J. R. Wang, C. Shih, “The Mitigation Strategy Analysis of Maanshan Nuclear Power Plant Spent Fuel Pool Using TRACE/FRAPTRAN/SNAP”,SDEWES,Oct4-8,2017/Dubronik Croatia.
11. M.L. Chai, Y.H. Chang, Y.S. Cheng, H.J. Lin, S.W. Chen, J.D. Lee, J.R. Wang, C. Shih, 2017, “EXPERIMENTAL INVESTIGATION OF LOW-FLOW RATE TWO-PHASE FLOW UNDER VERTICAL VIBRATION”, 17th International Topical Meeting on Nuclear Reactor Thermal Hydraulics (NURETH-17), Xi’an, Shaanxi, China, Sept. 3-8, 2017.
12. Y.H. Chang, S.W. Chen, M.L. Chai, H.J. Lin, J.D. Lee, J.R. Wang, C. Shih, 2017, “EXPERIMENTAL STUDY OF ADIABATIC TWO-PHASE FLOW IN DOUBLE NARROW RECTANGULAR CHANNELS UNDER VIBRATION CONDITIONS”, The Fifth International Multi-Conference on Engineering and Technology Innovation 2017 (IMETI2017), October 27-October 31, 2017, Taiwan.
13. F.J. Kuo, Y.S.Cheng, H.J. Lin, M.S. Lin, S.W. Chen, J.D. Lee, J.R. Wang, C. Shih, B.S. Pei, 2017, “The Estimation of Wispy-velocity in Wispy-annular Flow”, The 14th International Conference on Flow Dynamics (ICFD2017), , Sendai, Japan, Nov. 1-3, 2017.
14. Y.H. Chang, S.W. Chen, M.L. Chai, H.J. Lin, J.D. Lee, J.R. Wang, C. Shih, 2017, “The Transient Analysis of Two-Phase Flow in a Parallel Rectangular Channel under Vibration Conditions”, The 14th International Conference on Flow Dynamics (ICFD2017), Sendai, Japan, Nov. 1-3, 2017.
15. Shaohsuan Chen, Jongrong Wang , Chunkuan Shih, YuTing Ku , Yu Chiang , ShaoWen Chen , WenSheng Hsu, “The Assessments and Comparisons of RASCAL and EPZDose on Atmospheric Dispersion and Dose Consequences in Radioactive Material Release Accidents”,EAFORM2017, Osaka Japan, Nov 27-29, 2017.
16. Kai-Chun Yang,Jong-Rong Wang, Hsiung-Chih Chen, Shao-Wen Chen, Chunkuan Shih, Wen-Sheng Hsu, “ Establishment and Application of Control Room Habitability Methodology for Maanshan Nuclear Power Plant ”,EAFORM2017, Osaka Japan, Nov 27-29, 2017.
17. 江授全、游子堯、王仲容、施純寬、李敏, “透過SNAP介面建立核電廠 RELAP5/MOD3.3熱水流分析模式”, 台電工程月刊, P65-78, Vol. 830 OCT 2017.

18. 林孝柔、林明松、陳紹文、鄭延釋、王仲容、施純寬、白寶實, 攪拌流氣液動態壓力信號分析”, CSME, DEC1-2, 2017/國立勤益科技大學
19. 蘇鈺婷、陳紹文、劉芳?、翁榆淇、李進得、王仲容、施純寬、林唯耕, “超音波對熱傳之影響分析研究”, CSME, DEC1-2, 2017/國立勤益科技大學
20. 陳建廷、王仲容、楊融華、馮玉明、陳紹文、施純寬, “利用RELAP5/MOD3.3熱水流分析程式進行核三廠假想大破口冷卻水喪失事故模擬”, CSME, DEC1-2, 2017/國立勤益科技大學
21. 楊鎧駿、王仲容、陳雄智、陳紹文、施純寬、許文勝、梁正宏, “核電廠控制室適居性分析模式之建立與應用”, CSME, DEC1-2, 2017/國立勤益科技大學
22. 黃俊富、鄭惟遠、王仲容、施純寬、陳紹文、楊融華, “TRACE模擬馬鞍山電廠假想ELAP事故與URG有效性分析”, CSME, DEC1-2, 2017/國立勤益科技大學
23. 陳雄智、王仲容、辜郁庭、施純寬, “核二廠之ALOHA控制室適居性分析方法論建立與應用”, CSME, DEC1-2, 2017/國立勤益科技大學
24. 黃凱群、沈宗逸、施純寬、王仲容、楊融華, “以TRACE程式進行馬鞍山電廠全黑事故分析”, CSME, DEC1-2, 2017/國立勤益科技大學
25. 蔣宇、王仲容、陳紹文、施純寬, “MELCOR2.1/SNAP程式於馬鞍山電廠全黑事故之氫氣行為評估及動畫設計”, CSME, DEC1-2, 2017/國立勤益科技大學

2018(7篇)

1. H J Lin, M S Lin, P S Ruan, S W Chen, Y S Cheng, Y T Su, J D Lee, J R Wang, C Shih, B S Pei, “Transient pressure analysis and air-water interaction in churn flow”, CPEEE2018, Tokyo, Japan, March 30-April 1,2018.
2. Pei-Syuan Ruan, Shao-Wen Chen, Hsiao-Jou Lin, Cai-Shi Poh, Yu-Hsien Chang, Jin-Der Lee, Jong-Rong Wang, Wei-Keng Lin, Chunkuan Shih , “Module Characteristics and Performance Analysis of Thermoelectric Generators”, CPEEE2018, Tokyo, Japan, March 30-April 1,2018.
3. Tsung-Yi Shen, Jung-Hua Yang, Jong-Rong Wang, Shao-Wen Chen, Chunkuan Shih , “ Uncertainty Analysis of PWR LBLOCA with TRACE and DAKOTA”, BEPU2018,LUCCA ITALY, MAY 13-18,2018.
4. Jian-Ting Chen, Jong-Rong Wang, Jung-Hua Yang, Yuh-Ming Ferng, Shao-Wen Chen, Chunkuan Shih , “ Uncertainty Analysis of PWR LBLOCA with RELAP5/MOD3.3 and DAKOTA”, BEPU2018,LUCCA ITALY, MAY 13-18,2018.
5. 仲容、施純寬, “利用TRACE與FRAPTRAN程式分析馬鞍山電廠假設全黑事故執行斷然處置之有效性分析”, CSME2018, 國立中正大學, NOV 30-DEC 1.
6. 沈宗逸、施純寬、王仲容、陳紹文、楊融華, “以TRACE程式進行馬鞍山電廠的塞管率探討”, CSME2018, 國立中正大學, NOV 30-DEC 1.
7. 江秉修、沈柏如 、沈宗逸、楊融華 、陳紹文 , “馬鞍山電廠主蒸汽管動力釋壓閥於緊急洩壓階段之靈敏度分析”, CSME2018, 國立中正大學, NOV 30-DEC 1.