

5. 제5분과 : 원자력안전

제 5 분과 A 원자력안전-중대사고		좌 장 서남덕 · 김동하 발표장소 그랜드볼룸 C
일 정	논 문 제 목	저자명 및 소속
10.27(목)		
09:00	Boundary Condition Dependent Natural Convection in a Rectangular Pool with Internal Heat Sources	Seung D. Lee, Jong K. Lee, and Kune Y. Suh (SNU)
09:20	Triggered Steam Explosions with Spontaneously Explosive Eutectic Corium in a Narrow 1-D Interaction Vessel in the TROI Facility	J. H. Kim, I. K. Park, S. W. Hong, B. T. Min, H. Y. Kim, J. H. Song, and H. D. Kim (KAERI)
09:40	Fan Cooler Operation in Kori 1 for Mitigating Severe Accident	Namduk Suh and Jae-Hong Park (KINS)
10:00	Wolsong-specific ISAAC Modeling for PSA and Severe Accident Management	Dong Ha Kim, Yong Mann Song, and Soo Yong Park (KAERI)
10:20	Poster 논문 소개(P05C01~P05C24)	
10:40	Coffee Break	
11:00	Interfacial Wavy Motion in Film Boiling Heat Transfer from Downward-facing Surfaces	Chan S. Kim, Mong J. Yu, and Kune Y. Suh (SNU)
11:20	Sensitivity Studies on Containment Response for Main Steamline Break Events	J. I. Lee, G. S. Lee, K. S. Um, S. K. Chung, and D. H. Ahn (KNFC)
11:40	Root Cause Analysis of the Failure of PORV Downstream Steam Discharging Pipe System Connected to the Main Steam Line	J. C. Jo, S. O. Yu, Y. J. Cho, J. Y. Park, M. J. Jhung, H. J. Kim, and Y. G. Yune (KINS)
12:00	Investigation of Applicability of Emergency Operational Procedure of Steam Generator Tube Rupture Event Using Nuclear Plant Analyzer	Sang Won Lee and Yeon Kyoung Bae (KHNP)
12:20	Total Loss of Feedwater Analysis of Power Up-rated Kori 3&4	Seok Jeong Park, Kee Soo Han, Cheol Woo Kim, Han Rin Choi, and Eun Kee Kim (KOPEC)

일 정	논 문 제 목	저 자 명 및 소 속
10.27(목)		
09:00	As-built Measurement of the in-pool Structure for the Installation of In-pile Test Section in HANARO	K. N. Park, Y. G. Cho, Y. S. Lee, B. S. Sim, J. M. Lee, D. Y. Chi, S. K. Park, H. H. Lee, D. K. Whang, and C. Y. Lee (KAERI)
09:20	Development of an Enhanced Loose Parts Monitoring System(LPMS)	Jin-Ho Park and Young-Chul Choi (KAERI) Kyoung-Sik Choi, Jea-Kyu Ru, and Chang-Ho Sohn (SEC)
09:40	A Source Localization of Valve Leakage in a Nuclear Power Plant	Young-Chul Choi and Jin-Ho Park (KAERI)
10:00	Dynamic Characteristics of Twisted Beam with Fins Submerged in Fluid	Myung Jo Jung and Jong Chull Jo (KINS)
10:20	Poster 논문 소개 (P05C25~P05C47)	
10:40	Coffee Break	
11:00	Fretting Wear Analysis Under Various Loading Combinations	Choon Yeol Lee, Joon Woo Bae, and Young Suck Chai (YU)
11:20	The Numerical Analysis of the Seismic and Vibration Isolation System for the EDG Model	Min Kyu Kim, Young Sun Choun, and Jeong Moon Seo (KAERI)
11:40	Seismic Soil-structure Interaction Analysis of a Consolidated Dry Storage Module for CANDU Spent Fuels	Young Gon Kang, Jeong Hyoun Yoon, Chun-Hyung Cho, and Heung Young Lee (KHNP) Kyu-Sup Choi, In-Su Jeong, and Jong Soo Kim (KONES)
12:00	Seismic Isolation Studies and Applications for Nuclear Facilities	Young-Sun Choun (KAERI)
12:20	Simulation of Tsunami Propagation at East Sea Along the Korean Peninsula	Keum-Seok Kang and Weon-Hak Choi (KAERI) Chong-Hak Kim (KHNP) So-Beom Jin (KINS)

일 정	논 문 제 목	저자명 및 소속
10.27(목)		
P05C01	Study on the Grid Sensitivity of the CFD Analysis for the Thermal Mixing Test	H. S. Kang, Y. S. Kim, H. G. Jun, Y. J. Youn, and C. H. Song (KAERI)
P05C02	CFD Prediction of Thermal-hydraulic Characteristics Inside a Containment of a CANDU-6 Reactor	Manwoong Kim, Yong Seog Choi, and Hyun Kook Kim (KINS) Hyun Suk Nho (ATES)
P05C03	Overall Instrumentations for the ATLAS Integral Effect Test Program	B. J. Yun, K. H. Kang, B. D. Kim, and W. P. Baek (KAERI)
P05C04	Air-water Multidimensional Flow Characteristics on Vertical Flat Wall	Won J. Kim and Kune Y. Suh (SNU)
P05C05	Scalability Analysis of Large Loss-of - coolant- accident at 8% Power Level for APR1400 and ATLAS	Soon Joon Hong and Byung Chul Lee (FNC Tech) Heedo Lee (KOPEC)
P05C06	Comparative Analysis of ATWS for OPR1000 by Using RETRAN-3D and CESEC-III Codes	Sang IL Lee, Shin Whan Kim, and Eun Kee Kim (KOPEC)
P05C07	Frequency Characteristics of Thermal Fluctuations Induced by Triple Jets	Ho-Yun Nam, Min-Joon Kim, Jong-Man Kim, and Byoung-Hae Choi (KAERI)
P05C08	Assessment of Turbulence Models and Its Application to Pebble Bed Reactor	J. J. Lee, S. K. Kang, S. J. Yoon, and G. C. Park (SNU)
P05C09	A Comparative Study Between a SGTR and a SG Module Pipe Break Accident of the Integral Type Reactor	H. K. Kim, Y. J. Chung, G. H. Lee, H. C. Kim, and S. Q. Zee (KAERI)
P05C10	Heat Transfer Enhancement of Nanofluid in Natural Convection of an Enclosure Heated from Below	In Cheol Bang, Eung Soo Kim, and Soon Heung Chang (KAIST)
P05C11	Design of Graph Analysis Model to Support Decision Making	Sang-Ha An, Sung-Jin Lee, and Soon-Heung Chang (KAIST) Sung Ho Kim and Tae Woon Kim (KAERI)

일 정	논 문 제 목	저자명 및 소속
10.27(목)		
P05C12	CHF Characteristics of R-134a Flowing Upward in an Annulus Geometry	Kwi Lim Lee and Soon Heung Chang (KAIST)
P05C13	Thermal Hydraulic Analysis of the MEGAPIE Target Under Beam Wandering	Chungho Cho, Nam-il Tak, and Tae Yung Song (KAERI)
P05C14	Steady State Analysis of VISTA with TASS/SMR	Dong Ju Jang, Yong Won Choi, Chang Hwan Park, and Un Chul Lee (SNU) Young Dong Hwang, Kyu Hyung Lee, and Hee Chul Kim (KAERI)
P05C15	Development of a Safety Analysis Code for a Supercritical Water Cooled Reactor (SCWR)	Han Young Yoon, Soo Hyung Kim, Hee Cheol Kim, and Yoon Yeong Bae (KAERI)
P05C16	An Experimental Study on the Factors for the Performance of a Shutoff Unit in the Half-core Test Loop of HANARO	Kyoung-Rean Kim and Yeong Garp Cho (KAERI)
P05C17	Instability in Liquid Zone Control System of CANDU Reactor	Joon-Suk Ji (KAERI) Sang-Nyung Kim (KHU)
P05C18	Refrigerator Control Methods and Heat Exchanger Operating Condition for the CNS	Jungwoon Choi, Bong Soo Kim, Young-ki Kim, Kyehong Lee, and Hark Rho Kim (KAERI)
P05C19	Two Dimensional CFD Analyses on the Heat Transfer for a Supercritical Pressure CO ₂	Bong Hyun Cho, Young In Kim, and Yoon Yeong Bae (KAERI)
P05C20	Flow Behavior Analysis of the Inlet Plenum with Narrow Type Flow-skirt Using CFD Code	Jong-hark Park, Hee-taek Chae, Cheol Park, Heon-il Kim, and Jun-hong Kim (KAERI)
P05C21	Development of a Detailed Sub-channel Model for the Safety Analysis of Liquid Sodium-cooled Reactor	S. Heo, H. Y. Jeong, Y. M. Kwon, and D. H. Hahn (KAERI)
P05C22	Review of Thermal-chemical Experiments for a CANDU Fuel Channel	Hyoung Tae Kim, Bo Wook Rhee, and Joo Hwan Park (KAERI)

일정	논문제목	저자명 및 소속
10.27(목)		
P05C23	A CFD Analysis of the Coolant Flow Characteristics in the HANARO	Gee Y. Han, Heonil Kim, and Byung J. Jun (KAERI)
P05C24	CFD Simulations on Flow Fields of the 16x16 ACE7™ Rod Bundle Spacer Grid	SeungGeun Yang, HyunMi Hong, KangHoon Kim, HongJu Kim, Eung Jun Park, SunTack Hwang, and Young Koo Kim (KNFC)
P05C25	Predicting Velocity Profiles on the Inlet Nozzles for the Simulation of the Wolsong 2/3/4 Moderator Circulation	Churl Yoon and Joo Hwan Park (KAERI)
P05C26	Sensitivity Study of Peak Cladding Temperature on the Operation Parameters for the 3-Pin Fuel Test Loop	S. K. Park, D. Y. Chi, B. S. Shim, K. N. Park, S. H. Ahn, J. M. Lee, and C. Y. Lee (KAERI)
P05C27	Parameter Study of the Passive Residual Heat Removal System Flow Instability	Han-Ok Kang, Taeho Lee, and Juhyeon Yoon (KAERI)
P05C28	Analysis of Impact of Power Uprate on Loss of RHR Events During Mid-loop Operation for Kori 3&4	Kee Soo Han, Han Rim Choi, and Eun Kee Kim (KOPEC)
P05C29	Development of OPR1000 RCP Coast Down Flow Calculation Methodology with RETRAN	Dong Hyuk Lee, Hye Jeong Yoon, Yo Han Kim, and Chang Kyung Sung (KEPRI)
P05C30	Prediction of the Critical Heat Flux for a 3x3 Rod Bundle Using MARS Code	Sang-Ki Moon, Se-Young Chun, Ki-Yong Choi, Seok Cho, and Won-Pil Baek (KAERI)
P05C31	MARS Code in Linux Environment	Moonkyu Hwang, Sung-Won Bae, Jae-Joon Jung, and Bub-Dong Chung (KAERI)
P05C32	Development of the Multi-dimensional Fluid Dynamics Code and Benchmarking for the Natural Circulation Problem	B. U. Bae and G. C. Park (SNU) H. Y. Yoon, D. J. Euh, B. J. Yun, and C. H. Song (KAERI) B. G. Huh (KINS)
P05C33	Preliminary Descriptions on the 6 x 6 Reflood Test of KAERI -Part 1 : Overview of the Test Facility and Matrix	S. Cho, S. K. Moon, S. Y. Chun, B. D. Kim, J. K. Park, and W. P. Baek (KAERI)

일 정	논 문 제 목	저자명 및 소속
10.27(목)		
P05C34	Development of a Post Accident Analysis Model for KALIMER	W. P. Chang, G. S. Ha, H. Y. Jeong, Y. M. Kwon, S. Heo, and Y. B. Lee (KAERI)
P05C35	Hydraulic Analysis of a Small Scale Intermediate Heat Exchanger Test Loop	Dong Seok Oh, SeungDeok Hong, WonJae Lee, and JongHwa Chang (KAERI)
P05C36	Detailed Lateral Flows Structure in a Square Sub-channel Geometry	Seok Kyu Chang, Bok Deuk Kim, Se Young Chun, and Won Pil Baek (KAERI) Young Don Choi (KU)
P05C37	Assessment of Pressure Tube Rupture with Poisoned Moderator	S .R. Kim, B. G. Kim, S. C. Kim, and E. K. Kim (KOPEC)
P05C38	System Response Analysis of Rod Ejection Accident for OPR1000 Using Korea Non-LOCA Analysis Package	Yo Han Kim, Chang Kyung Sung, and Hwang Yong Jun (KEPRI)
P05C39	Conceptual Design of a Small Scale High Temperature and High Pressure Gas Loop	S. D. Hong, D. S. Oh, W. J. Lee, J. H. Kim, Y. J. Shin, and J. H. Chang (KAERI)
P05C40	A Sub-channel Analysis of a VHTR Fuel Block with Tin Gap-filler	Chungho Cho, Yonghee Kim, Yongsun Yi, and Hongpyo Kim (KAERI)
P05C41	Preliminary Design of the Liquid Lead Corrosion Test Loop	Chungho Cho, JaeEun Cha, Choonho Cho, Tae Yung Song, and Hee Reyoung Kim (KAERI)
P05C42	Parameter Study for the Feedwater Pipe Break Analysis of an Integral Type Reactor	Young-Jong Chung, Soo-Hyung Kim, Hee-Cheol Kim, and Sung Quun Zee (KAERI)
P05C43	A Preliminary Design of a Wire Mesh Sensor for Measuring a Void Fraction	SeongHo Hong, Jong-Hwan Kim, Jin Ho Song, and Suk Boong Hong (KAERI)
P05C44	CFD Analysis on HYPER Spallation Target Under Beam Transients	Nam-il Tak, Chungho Cho, and Tae Yung Song (KAERI)

일 정	논 문 제 목	저자명 및 소속
10.27(목)		
P05C45	The Concept of Steam Pressure Control by Changing the Feedwater Flow During Heatup Operation for an Integral Reactor with a Once-through Steam Generator	Jae-Kwang Seo, Ki-Yong Choi, Han-Ok Kang, Young-In Kim, Juhyeon Yoon, and Sung-Qunn Zee (KAERI)
P05C46	Insulation Performance of a Tube-in-tube Modular Feedwater Line for an In-vessel Once-through Steam Generator	Jae-Kwang Seo, Han-Ok Kang, Young-In Kim, Juhyeon Yoon, and Sung-Qunn Zee (KAERI)
P05C47	Reactor Coolant Heatup Procedure for an Integral Reactor with a Gas Pressurizer	Jae Kwang Seo, Ki Yong Choi, Han Ok Kang, Young In Kim, Juhyeon Yoon, and Sung - Qunn Zee (KAERI)

일 정	논 문 제 목	저 자 명 및 소 속
10.28(금)		
09:00	The MDTA-based Method for Assessing Diagnosis Failures and Their Risk Impacts : A Case Study for the SLOCA Event	Jae Whan Kim and Wondea Jung (KAERI) Young Seok Son (DEU)
09:20	Proposed Regulatory Guideline on the PSA Quality for Risk-informed Applications	Chang-Ju Lee and Jong Soo Choi (KINS)
09:40	Logical Loop Breaking Method in Fault Tree Analysis	Woo Sik Jung, Joon-Eon Yang, and Jaejoo Ha (KAERI)
10:00	PSA Lessons Learned from Maintenance Rule	Young Joo Lee, Han Sang Kim, and Tae Wan Kim (KHNP) Mi Ro, Seo (KEPRI)
10:20	Poster 논문 소개 (P05H01~P05H12)	
10:40	Coffee Break	
11:00	Feasibility Study on the LTOP Accident During Low Power & Shutdown Period	Ho-Gon Lim, Jin-Hee Park, Seung-Cheol Jang, and Jae-Joo Ha (KAERI)
11:20	Evaluation of Truncation Error in Minimal Cut Set-based Fault Tree Analysis	Jong Soo Choi (KINS) Nam Zin Cho (KAIST)
11:40	Study of the Allowed Outage Time Extension for the Instrument Bus Inverter	Hye Won Chung, Young Ju Lee, Han Sang Kim, and Tae Wan Kim (KHNP)
12:00	Estimation of Internal Flooding Frequency for Screening Analysis of Flooding PSA	Sun Yeong Choi and Jun Eon Yang (KAERI)

일 정	논 문 제 목	저자명 및 소속
10.28(금)		
09:00	Characteristics of a Wire Level Sensor in the Measurement of a Free Surface Fluctuation	Ho-Yun Nam, Byoung-Hae Choi, and Jong-Man Kim (KAERI)
09:20	A Condensation Experiment in Accumulated Conditions of Noncondensable Gas Inside a Vertical Tube	Kwon-Yeong Lee and Moo Hwan Kim (POSTECH)
09:40	Condensation Analysis for Thermal Sizing of PRHRS Heat Exchanger	Taeho Lee and Juhyeon Yoon (KAERI)
10:00	Conceptual Thermal-hydraulic Design and Analytical Assessment of Spent Fuel Storage Pool for the Integral Reactor	Min-Hwan Kim, Jong-In Kim, and Sung-Kyun Zee (KAERI)
10:20	Poster 논문 소개 (P05H13~P05H24)	
10:40	Coffee Break	
11:00	The Effects of Removing Scales for the Primary Cooling Heat Exchanger in the HANARO	Young-Chul Park, Bong-Soo Kim, Yong-Sub Lee, Kyoung-Ruen Kim, and Jong-Sub Wu (KAERI)
11:20	Radiative Heat Transfer Modeling for the Thermal Analysis of a High Temperature Gas-cooled Reactor	Jongtae Kim, Sang-Baik Kim, and Won-Jae Lee (KAERI)
11:40	Development of Circulator Component in MARS-GCR for Gas Cooled Reactor System	Sung Won Bae, Won-Jae Lee, Jae-Jun Jeong, and Bub Dong Chung (KAERI)
12:00	Heat Transfer Experiment with Supercritical CO ₂ Flowing Upward in a Circular Tube	Hyungrae Kim, Hwan Yeol Kim, Jin Ho Song, Hee Dong Kim, and Yoon Yeong Bae (KAERI)
12:20	Modifications of the MATRA Code for Various Fluids in Advanced Reactors	Kyong-Won Seo, Dae-Hyun Hwang, and Chung-Chan Lee (KAERI)

일 정	논 문 제 목	저자명 및 소속
10.28(금)		
13:30	Measurement of Liquid Temperature Using Micro-thermocouple in Subcooled Flow Boiling	Seong-Jin Kim and Goon-Cherl Park (SNU)
13:50	Measurement Method of Interfacial Area Concentration for Highly Fluctuating Bubbly Flow	D. J. Euh, B. J. Yun, and C. H. Song (KAERI)
14:10	Experimental Study of Downcomer Boiling Phenomena in the LBLOCA Reflood Phase	B. J. Yun, D. J. Euh, Y. J. Youn, and C. H. Song (KAERI)
14:30	On the Steam Jet Condensation Oscillation in Sonic Flow	Soon Joon Hong and Byung Chul Lee (FNC Tech) Chul Hwa Song (KAERI)
14:50	Poster 논문 소개 (P05I01~P05I17)	
15:10	Coffee Break	
15:30	De-entrainment of Droplets on a Staggered Array of Vertical Rods in the Upper Plenum	Kyung-Won Lee, Hee Cheon No, and Sung Chu Song (KAIST) Chul-Hwa Song (KAERI)
15:50	Analysis of the Pressure Wave Propagation on Water Hammer Problem with Voiding	B. G. Huh, Y. S. Bang, Y. J. Cho, and I. G. Kim(SNU)
16:10	The Root Cause of the Thermal Sleeve Loose In KSNP	Sang-Nyung Kim and Sang-Gyu Lim (KHU)
16:30	LBLOCA Analyses for 4.5% Power Up-rating Using KREM	T. S. Choi, S. J. Lee, S. K. Chung, and D. H. Ahn (KNFC)
16:50	Evaluation on the Effect of Steam Generator Model on Feedwater Line Break Accident in Terms of RCS Pressurization	Cheol Shin Lee, Seung Su Baek, and Shin Whan Kim (KOPEC)
17:10	Bispectral Analysis of Nonlinear Void-signals in Inclined Two-phase Flow	Jae Young Lee and Nam Seok Kim (HDU) Man Woong Kim (KINS)
17:30	Development of the Multi-phase/Multi-dimensional Code BUBBLEX	Sang Yong Lee, Shin Whan Kim, and Eun Kee Kim (KOPEC)

일 정	논 문 제 목	저자명 및 소속
10.28(금)		
13:30	Analysis of a Subchannel Void Distribution in a 8x8 Rod Bundle Using the MATRA Code	Dae-Hyun Hwang, Kyoung-Won Seo, and Chung-Chan Lee (KAERI)
13:50	Assessment of the Inter-channel Mixing Model of the MARS Code	J. J. Jeong, D. H. Hwang, S. W. Bae, and B. D. Chung (KAERI)
14:10	On The Application of Correction Factor for Axial Power Distribution to CHF Correlation Development	KangHoon Kim, HongJu Kim, SeungGeun Yang, EungJun Park, SunTack Hwang, and SunKyo Chung (KNFC)
14:30	Preliminary Descriptions on the 6x6 Reflood Test of KAERI-Part II : System and Vessel Module Analysis with MARS 3.0 and COBRA-TF	K. Y. Choi, S. W. Bae, S. Cho, S. Y. Chun, and W. P. Baek (KAERI)
14:50	Poster 논문 소개 (P05[18~P05[34)	
15:10	Coffee Break	
15:30	CFD Prediction of Two-phase Fluid Flow Characteristics Inside a Fuel Channel of a CANDU-6 Reactor	Manwoong Kim, Yong-Seog Choi, and Hyun-Koon Kim (KINS) Sung Hoon Choi (ATES)
15:50	An Assessment of Offtake Effect on Horizontal Stratified Flow with Arbitraty-angled Branches in CANDU Reactors	Man-Woong Kim , Yong-Seog Choi, and Hyo-Jung Kim (KINS) Su-Hyun Hwang (SNU)
16:10	Visualization of Moderator Circulation with 1/8 Scaled HU-KINS for Calandria Tank of CANDU6	Dae Kun Cho, Nam Seok Kim, and Jae Young Lee (HDU) Man Woong Kim (KINS)
16:30	An Experimental Study on the Onset of Gas and Liquid Entrainment of Horizontal Stratified Flow with Arbitrary-angled Branches	Su-Hyun Hwang and Goon-Cherl Park (SNU) Jae-Young Lee (HDU) Man-Woong Kim (KINS)

일 정	논 문 제 목	저자명 및 소속
10.28(금)		
16:50	CFX-5.7 Simulation of Thermal-chemical Experiments for a CANDU Fuel Channel	Hyoung Tae Kim, Bo Wook Rhee, and Joo Hwan Park (KAERI)
17:10	CFD Analysis for a Natural Convection in the Annulus Gap Under Post-blowdown	Hyung Seok Kang, Bo Wook Rhee, and Joo Hwan Park (KAERI)
17:30	Environmental Envelope of SBLOCA for Wolsong Unit 1 Environmental Qualification	Kim Jonghyun, Kim Yunho, Lee Kwangho, and Choi Hoon (KEPRI)

일 정	논 문 제 목	저자명 및 소속
10.28(금)		
P05H01	A Pilot Study on Applying Risk Informed Application Option 2 to Two Systems in UCN 3	Kilyoo Kim, Meejeong Hwang, and Joon-Eon Yang (KAERI)
P05H02	Review of the Operability for the Components Under the Loss of the HVAC System of the Pump Room	Meejeong Hwang, Churl Yoon, Joon-Eon Yang, and Joo Hwan Park (KAERI)
P05H03	Evaluation of Loss of Offsite Power Events at Nuclear Power Plants in Korea	Park, Jin-Hee and Han, Sang-Hoon (KAERI)
P05H04	The Development of Quality Assurance Plan for the Maintenance and Use of the PSA	Bag-Soon Chung, Sung-Yull Hong, Myung-Ki Kim, Hae-Cheol Oh, and Mi-Ro Seo (KEPRI)
P05H05	Risk Impacts of Pressurizer Safety Valve Reseat Failure	Hae Cheol Oh, Myung Ki Kim, Bag Soon Chung, Miro Seo, Jeong Heon Ha, and Sung Yull Hong (KEPRI)
P05H06	Study on the Risk Contribution Factor ILRT Interval Extension	M. R. Seo, S. Y. Hong, M. K. Kim, B. S. Chung, and H. C. Oh (KEPRI)
P05H07	Insights into the ASME PRA Standard-based Quality Evaluation on the Existing KSNP LERF Model	Kwang-Il Ahn, Dae-Il Kang, Joon-Eon Yang, Soo-Yong Park, and See-Darl Kim (KAERI)
P05H08	Study on the Transient Event Experiences for Nuclear Power Plants in Korea	Park, Jin-Hee, Han, Sang-Hoon, and Kilyoo Kim (KAERI)
P05H09	The Development of a Advanced Information Management System	Seung Hwan Kim (KAERI)
P05H10	A study for the Development of a HRA Calculator of Nuclear Power Plants	Seung Hwan Kim (KAERI)

일 정	논 문 제 목	저자명 및 소속
10.28(금)		
P05H11	Safety Performance Improvement for Nuclear Power Plants Using THOMAS and Accident Prediction Function	Kyungmin Kang, Namchul Cho, and Moosung Jae (HYU) Kune Y. Suh (SNU)
P05H12	Preliminary Assessment of the Post-initiator Human Actions for the LP&S PSA Using the Korean Standard HRA Method	Jae Whan Kim, Daeil Kang, and Jin Hee Park (KAERI)
P05H13	Estimation of Alpha Factor Parameters for Emergency Diesel Generator	Dae-Il Kang, Sang-Hoon Han, and Mee-Jung Hwang (KAERI)
P05H14	Review of UCN 5,6 Fire PSA Model Based on ANS Fire PRA Methodology Standard	Yoon-Hwan Lee and Joon-Eon Yang (KAERI)
P05H15	Deterioration Models of Concrete and Steel for a Long-term Performance Evaluation of Containment Buildings	Hong-Pyo Lee, Young-Sun Choun, and Jeong-Moon Seo (KAERI)
P05H16	The Effectiveness of Coil Spring System for EDG System in Ulchin 2 Unit	Min Kyu Kim, Young Sun Choun, and Jeong Moon Seo (KAERI) Hyoung Oh Kwon (VE Tech CO.,)
P05H17	Development of Flow Mixing Header Assembly for Integral Reactor	Gyu-Mahn Lee, Young-In Kim, Woo-Seok Choi, Jong-Wook Kim, Kyeong-Hoon Jeong, Tae-Wan Kim, Jong-In Kim, and Ju-Hyeon Yoon (KAERI)
P05H18	Application of Submodel Method for the Structural Analysis of Integral Reactor Internals	Tae-Wan Kim, Gyu-Mahn Lee, Woo-Seok Choi, Kyeong-Hoon Jeong, Keung-Koo Kim, and Jong-In Kim (KAERI)
P05H19	Seismic Analysis for Bullet Resistant Doors	Woo-Seok Choi, Suhn Choi, Jong-In Kim, and Keun-Bae Park (KAERI)

일 정	논 문 제 목	저자명 및 소속
10.28(금)		
P05H20	Development of a Periodic Loading System Using a Bellows	Myoung-Hwan Choi, Man-Soon Cho, Sung-Jae Park, Hark-Rho Kim, and Bong-Goo Kim (KAERI)
P05H21	Strong Ground Motion Evaluation for an Active Fault System by the Empirical Green Function Method	In-Kil Choi and Young-Sun Choun (KAERI) Yoshiaki Shiba and Yasuki Ohtori (CRIEPI)
P05H22	Review Regulatory Quality Assurance Requirements for the Operation of Nuclear R&D Facilities	Hyuk-il Kwon and Nam-Jin Lim (KAERI)
P05H23	A Survey of a Remote Diagnosis Center for Nuclear Power Plants	Yoo Rark Choi, Jae Cheol Lee, and Jae Hee Kim (KAERI)
P05H24	Seismic Fragility Analysis of a KSNP Containment Building by Nonlinear Seismic Analyses	In-Kil Choi, Seong-Moon Ahn, Young-Sun Choun, and Jeong-Moon Seo (KAERI) Jae-Chul Shin (CNU)

일 정	논 문 제 목	저자명 및 소속
10.28(금)		
P05I01	Analysis of Steam Generator Injection Strategy During Severe Accident in PHWR	Youngho JIN and Soo Yong PARK (KAERI)
P05I02	Source Term Sensitivity Studies for Primary Feed & Bleed Operation	Y. M Song and D. H. Kim (KAERI)
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