

8. 제8분과 : 원자력산업

제 8 분과 A 원자력산업 (Poster)		발표시간 10:00~12:00 발표장소 2층 로비
일 정	논 문 제 목	저 자 명 및 소 속
10.28(금)		
P08A01	Proposals of Plant Level Performance Criteria for Maintenance Rule Implementation	Hyeon-Jong Jeong (KEPRI)
P08A02	Development of MCC Based Diagnostic Method for Motor-operated Valves	Shin-Cheul Kang, Sung-Keun Park, and Do-Hwan Lee (KEPRI) Jang-Bom Chai and Chan-Woo Lim (MND)
P08A03	Analysis of Hydrogen Economy Using Vensim	E. J. Jun, Y. H. Jeong, and S. H. Chang (KAIST)
P08A04	The Design of Component Cooling Water System in the Conventional Facilities of PEFP	G. P. Jeon, J. Y. Kim, Y. S. Cho, and B. H. Choi (KAERI) S. T. Yoo (KOPEC)
P08A05	The Basic Design of Proton Accelerator Conventional Facilities	Y. Kim, G. P. Jeon, J. Y. S. Cho, and B. H. Choi (KAERI) S. T. Yoo (KOPEC)
P08A06	Electric Power System Architecture for the Proton Accelerator Conventional Facilities	Kyeong-Jun Mun, Gye Po Jeon, Jun Yeon Kim, and Byung Ho Choi (KAERI) Won Hee Lee, Woo Sung Jung, and Suk Tae Yoo (KOPEC)
P08A07	Development of the Arrangement Plan Optimization for Accelerator & Beam Application Building	Jung Min Nam, Kyeong-Jun Mun, Jun Yeon Kim, and Byung Ho Choi (KAERI) Suk Tae Yoo (KOPEC)
P08A08	Development of the Peer Review Protocol for Steam Generator Tubing Inspection	Chan Hee Cho, Min Woo Nam, Jee Hong Jung, Hong Deok Kim, and Han Sup Chung (KEPRI)
P08A09	Application of the Guided Wave Technique to the Heat Exchanger Tube in NPP	Dong-soon Yang, Hyung-nam Kim, and Hyun-joo Yoo (KEPRI)

일정	논문제목	저자명 및 소속
10.28(금)		
P08A10	Impedance Analysis of ECT Bobbin Probe for Steam Generator Tube Inspection	Jung Jee-hong (KEPRI)
P08A11	Maintenance Effectiveness and Target Observation System and its ERP Interface	Han Seong Son and Gi Yong Kim (ACT) Mi Ro Seo, Hyun-Jong Jeong, Kwang-Hee Choi, and Sung-Yull Hong (KEPRI)
P08A12	Conceptual Design of Fuel Storage and Handling System for Integral Reactor	JaeSeon Lee, JongIn Kim, MinHwan Kim, JeYong Yu, DongOk Kim, Suh Choi, and KeungKoo Kim (KAERI)
P08A13	Integrity Assessment of Essential Service Water System of Ulchin Unit 1&2	Sun-ki Lee, Sang-kook Lee, Il-suk Jeong, Taek-ho Song, Jong-ju Kwon, and Seong-yul Hong (KEPRI) Jin-hwan Lee (KHNP)
P08A14	Development of the Tube Sheet Cleaning System of the Nuclear Steam Generator	Woo-Tae Jeong and Sung-Yull Hong (KEPRI)
P08A15	The Property Experiment for the Bobbin Probe of Eddy Current Test	Dong-soon Yang, Min-woo Nam, and Hyun-Joo Yoo (KEPRI)
P08A16	Phased Array Ultrasonic Examination of NPP Low Pressure Steam Turbine Blades	Seung-Han Yang, Min-Woo Nam, Yong-Sik Kim, Byung Sik Yoon, and Dong-soon Yang (KEPRI)
P08A17	Status of Performance Demonstration for Austenitic and Ferritic Piping Ultrasonic Examination in Korea	Yong-Sik Kim, Hyung-Nam Kim, and Min-Woo Nam (KEPRI)
P08A18	Improvement of the Reactor Vessel Closure Head Insulation for the Visual Inspection in the Korean Standard Nuclear Power Plant	Seoug-Beom Kim, Chang-Kyu Chung, Duck-Jae Lim, Hyun-Min Kim, Kwang-Hee Cho, and Jong-Tae Seo (KOPEC)

일정	논문 제목	저자명 및 소속
10.28(금)		
P08A19	A Study on the Evaluation of Valve Leak Rates Using Acoustic Emission Technique	Sang-Guk Lee, Jun-Shin Lee, Sun-Ki Lee, Seok-Man Shon, Wook-Ryun Lee, and Tae-Ryong Kim (KEPRI) Yong-Jae Lim and Kee-Young Choo (Hana Evertch)
P08A20	Development of Repair System for Alloy 600 PWSCC in Reactor Vessel Head CRDM Welds	K. S. Park, J. G. Byeon, and Y. J. Kim (DHIC) S. H. Kim and H. C. Shin (KAERI)
P08A21	Analysis of Recent Trends and Important Factors of CANDU Plant Lifetime Management	Taek Ho Song, Ill Seok Jeong, and Sung Yull Hong (KEPRI)
P08A22	Preparation of Pressure Tube Creep Data Using Measurement and Prediction	Hoon Choi and Yun-Ho Kim (KEPRI)
P08A23	EPR Dosimetry for Ageing Effect in NPP	Choi Hoon and Young-ki Lim (RHRI) Jong-Seog Kim and Sun-Chul Jung (KEPRI)
P08A24	A Deterministic and Probabilistic Cose Estimate for Nuclear Power Plants	Gag-kyeon Ha and Jong-joo Know (KEPRI)

일 정	논 문 제 목	저 자 명 및 소 속
10.28(금)		
13:30	Review on Licensing Requirements for an Advanced Refueling Machine	Sang-Gyoon Chang, Jeong-Ki Hwang, and In-Yong Kim (KOPEC) Byeong-Taek Park (DHIC)
13:50	Cost Savings for Nuclear Power Generating Stations Using the Power Factor Correction	Young Seung Lee and Poong Hyun Seong (KAIST)
14:10	Establishment of Performance Criteria for Maintenance Rule(MR) Implementation in Uljin Units 3&4	Hyeon-Jong Jeong (KEPRI)
14:30	Maintenance Technology Status of Korean Nuclear Power Plants : A Questionnaire Survey	Jun Seok Lee, Poong Hyun Seong, and Chang Heui Jang (KAIST) Hyuk Soon Lim, Jang Hwan Na, and Seong Jong Oh (KHNP)
14:50	Poster 논문 소개 (P08A01~P08A24)	
15:10	Coffee Break	
15:30	Fire Hazard Analysis for Turbine Building of NPPs	Seung-Jun Oh (KMENT) Jun-Hyun Park (KEPRI)
15:50	Code Compliance Review of Fire Protection Program	Jun-Hyun Park (KEPRI)
16:10	Development of GTAW Repair Process for CRDM Welds on Reactor Vessel Head	J. G. Byeon, K. S. Park, and Y. J. Kim (DHIC)
16:30	Post Fire Safe Shutdown Analysis Using a Fault Tree Logic Model	Hyuntae Yim (KMENT) Junhyun Park (KEPRI)
16:50	Mechanical Property Changes During Accelerated Thermal Aging Embrittlement Heat Treatment of Cast Stainless Steel, CF-8A	KhingMay Wann, Joo Suk Lee, and Changheui Jang (KAIST)
17:10	Ultrasonic Immersion Test Parameters for Detection of Hydride Blisters on Zirconium Pressure Tube	Yong-Moo Cheong, Sang-Soo Kim, and Young-Suk Kim (KAERI)