

## 논문

- 169-180 **냉동 떡갈비에 접종된 식중독균에 대한 감마선, 전자선 및 엑스선의 살균효과**  
송범석, 염서준, 윤기남, 박종흥, 김재경
- 181-189 **전자빔 조사에 의한 폴리(에틸렌-co-초산비닐)/고밀도 폴리(에틸렌)/수산화 알루미늄 난연 복합재료의 제조 및 평가**  
신재환, 김동섭, 김현래, 박종석, 정성인, 정승태, 노영창, 최재학
- 191-199 **Analysis of Korean Safety Evaluation Criteria for Dismantling Nuclear Power Plants Using the IAEA Guidance for Safety Assessment**  
Hwa Pyoung Kim, Tae Young Kong, Seong Jun Kim, Jin Ho Son, Wo Suk Choi, Chang Ju Song and Hee Geun Kim
- 201-206 **Establishment of ISO 4037-1 Narrow-Spectrum Series X-rays for an Eye Dosimeter Performance Test in KHNP CRI**  
Si Young Kim, Hyeongjin Kim, Moon-Hyung Cho and Cheon-Woo Kim
- 207-212 **해양시료 방사성스트론튬 신속분석법 연구**  
정원선, 이경진, 강영근
- 213-220 **폴리(에틸렌-co-비닐 아세테이트)/고밀도 폴리(에틸렌)/수산화 알루미늄 복합재료의 기재 수지 함량 및 전자빔 조사 조건에 따른 물성 변화**  
김현래, 김동섭, 김재영, 박종석, 정성인, 정승태, 노영창, 최재학
- 221-229 **선량제약치 도입을 위한 원자력발전소 주변 주민의 방사선량 분포 도출**  
진용호, 김지우, 이병민, 라현준, 김광표
- 231-240 **한국과 미국의 원전 중대사고 시 소외 사고결말평가 시스템 비교 연구**  
윤상혁, 김민성, 김광표
- 241-251 **Comparison of Imported-cargo radiation Monitoring Regulatory Systems in Korea, the United States, the United Kingdom, and Japan**  
Wo Suk Choi, Tae Young Kong, Hee Geun Kim, Seong Jun Kim, Jin Ho Son, Chang Ju Song and Hwa Pyoung Kim
- 253-259 **전자선 조사에 따른 안면마스크의 모폴로지 및 필터성능 영향 평가**  
윤진문, 김희수, 임윤목, 김병남
- 261-269 **수해로 침수된 견직물의 감마선 조사에 따른 이화학적 변화**  
박혜진, 최지선, 홍창용, 이누리, 윤다영, 오성민, 정용재

## 기술논문

- 271-286 **중수로 원자로집합체 해체 표준공정 개발**  
한 강, 김미진, 임용규
- 287-292 **국내 표준품셈 현황 조사 및 원전해체 표준품셈 제정에 관한 고찰**  
이승현, 김재현

## Original Articles

---

- 169-180 Bactericidal Effect of Gamma rays, E-beams, and X-rays for Food Poisoning Bacteria Inoculated in Frozen *Tteokgalbi***  
Beom-Seok Song, Seo-Joon Yeom, Ki-Nam Yoon, Jong-Heum Park and Jae-Kyung Kim
- 181-189 Preparation and Characterization of Poly(ethylene-co-vinyl acetate)/High Density Polyethylene/Aluminum Hydroxide Flame Retardant Composites by Electron Beam Irradiation**  
Jae-Hwan Shin, Dong-Seop Kim, Hyun-Rae Kim, Jong-Seok Park, Sung-In Jeong, Seung-Tae Jung, Young-Chang Nho and Jae-Hak Choi
- 191-199 Analysis of Korean Safety Evaluation Criteria for Dismantling Nuclear Power Plants Using the IAEA Guidance for Safety Assessment**  
Hwa Pyoung Kim, Tae Young Kong, Seong Jun Kim, Jin Ho Son, Wo Suk Choi, Chang Ju Song and Hee Geun Kim
- 201-206 Establishment of ISO 4037-1 Narrow-Spectrum Series X-rays for an Eye Dosimeter Performance Test in KHNP CRI**  
Si Young Kim, Hyeongjin Kim, Moon-Hyung Cho and Cheon-Woo Kim
- 207-212 A Study of the Rapid Analysis of Radioactive Strontium in Marine Samples**  
Won-Seon Jeong, Geong-Jin Lee and Young-guen Kang
- 213-220 Changes in Properties of Poly(ethylene-co-vinyl acetate)/High Density Polyethylene/Aluminum Hydroxide Composites According to the Matrix Resin Contents and Electron Beam Irradiation Conditions**  
Hyun-Rae Kim, Dong-Seop Kim, Jae-Young Kim, Jong-Seok Park, Sung-In Jeong, Seung-Tae Jung, Young-Chang Nho and Jae-Hak Choi
- 221-229 Derivation of Radiation Dose Distribution to the General Public Around Nuclear Power Plants to Adopt Dose Constraint Concept**  
Yong Ho Jin, Ji Woo Kim, Byung Min Lee, Hyun Jun Na and Kwang Pyo Kim
- 231-240 Comparative Study of Off-site Consequence Assessment System of Nuclear Power Plant Severe Accident in Korea and U.S.**  
Sang Hyuk Yun, Min Seong Kim and Kwang Pyo Kim
- 241-251 Comparison of Imported-cargo radiation Monitoring Regulatory Systems in Korea, the United States, the United Kingdom, and Japan**  
Wo Suk Choi, Tae Young Kong, Hee Geun Kim, Seong Jun Kim, Jin Ho Son, Chang Ju Song and Hwa Pyoung Kim
- 253-259 The Morphological and Filtration Effects of Respiratory Mask by Electron Beam Irradiation**  
Jin-Mun Yun, Huisu Kim, Youn-Mook Lim and Byungnam Kim
- 261-269 Changes of Physico-chemical Properties of the Raw and Degummed Silk under the Wet Conditions by Gamma-ray Irradiation**  
Hae Jin Park, Ji Sun Choi, Changyong Hong, Nu Ri Lee, Da Young Youn, Seong Min Oh and Yong Jae Chung

## Technical Papers

---

- 271-286 Development of Standard Process for Dismantling the PHWR Reactor Assembly**  
Kang Han, Mi-jin Kim and Yong-kyu Lim
- 287-292 A Study on the Current Status of Korean Standard Cost Estimates and the Establishment of Standard Cost Estimate for Nuclear Decommissioning**  
Seung Hyun Lee and Jae Hyun Kim