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### REVIEW ARTICLE

- 1767** Review of Filtered Containment Venting System (FCVS) Eleven Years After Fukushima Accident  
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### RESEARCH ARTICLES

- 1824** Multiphysics Analysis of PLOFC and DLOFC Accidents in the HTGR-TR  
*Annie Berens, Nicholas Meehan, Mason Fox, Isabelle Lindsay, Nicholas R. Brown*
- 1843** i-LAMP: Global, Industrywide Learning Aging Management Program for Neutron-Absorber Materials in Spent Fuel Pools  
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- 1858** Methodology to Assist in Training Maneuvers of Operation of Pumps of a Nuclear Plant Using Virtual Reality  
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- 1871** Numerical Simulation on Dispersion of Hydrogen Leaked in Particle Layers of Glass Beads and Soil  
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- 1888** Asymmetric Two-Step Thermosiphon for Containment Cooling of Small Modular Reactors  
*Sung-Jae Yi, Jin-Hwa Yang, Byong Guk Jeon, Hwang Bae, Hyun-Sik Park, Kwang-Won Seul*
- 1901** Thermal and Electrical Performance Analyses of a 100-W Radioisotope Thermoelectric Generator for Space Exploration  
*Shiping Wei, Jin Wang, Zhixin Ma, Ming Jin, Chunjing Li, Yuan Hu*
- 1914** Simulation of Readout Electronics for Nuclear Radiation Detector Using MATLAB Program  
*Jamal-Eddin Assaf, Zuheir Ahmad*
- 1925** Temperature-Dependent Swelling in Helium Ion Irradiated Vanadium  
*Weiping Zhang, Yiheng Chen, Wenrui Cheng, Liping Guo, FengFeng Luo*
- 1932** Best Estimate Plus Uncertainty Analysis of Station Blackout Transient in Pool-Type Research Reactor  
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*Markus Preston, Erik Branger, Sophie Grape, Olena Khotiaintseva*

**1975** Characterization of a Fast Neutron Irradiation Facility Using a Stilbene Scintillation Detector  
*Felix Pino, Jessica C. Delgado, Matteo Polo, Erica Fanchini, Anna Selva, Joana Minga, Gianmarco Torilla, Lodovico Ratti, Sandra Moretto*

**1985** Polarization of Compton-Scattered Prompt Gamma-Ray Technique for HEU Detection at 186 keV  
*Athanas Mutiso, Ayodeji B. Alajo, Xin Liu*

### NOTE

**1999** Release Behavior of Gaseous Ruthenium Tetroxide During Heating of High-Level Liquid Waste Simulant During Simulated Accident Conditions  
*Naoki Yoshida, Takuya Ohno, Yuki Amano, Ryoichiro Yoshida, Hitoshi Abe, Yuichi Yamane*