

2017 RELAP5-3D Publications

From Journals and Conferences only

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- A. Zoino, A. Alfonsi, C. Rabiti, R.H. Szilard, F. Giannetti, and G. Caruso, "Performance-based ECCS Cladding Acceptance Criteria: A New Simulation Approach," *Annals of Nuclear Energy*, Vol. 100, Part 2, pp. 204-216, February 2017.
- J. T. Murgatroyd, S. Owen, A. Grief, D. Panayotov, and C. Saunders, "Qualification of MELCOR and RELAP5 Models for EU HCPB TBS Accident Analysis," *Fusion Engineering and Design*, TBD (available online March 2017).
- A. Alfonsi, G. Mesina, A. Zoino, N. Anderson, and C. Rabiti, "Combining RAVEN, RELAP5-3D, and PHISICS for Fuel Cycle and Core Design Analysis for New Cladding Criteria," *Journal of Nuclear Engineering and Radiation Science*, Vol.3(2), p.021005, April 2017.
- C. Wang, K. Sun, L-W Hu, D. Zhang, W. Tian, S. Qiu, and G. H. Su, "Transient Safety Analysis of a Transportable Fluoride-Salt-Cooled High-Temperature Reactor Using RELAP5-3D," *Nuclear Technology*, Vol. 198, No. 1, pp. 1-16, April 2017.
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- P. Balestra, A. Alfonsi, G. Strydom, C. Rabiti, F. Giannetti, C. Gianfranco, "Improvements to PHISICS/RELAP5-3D© Capabilities for Simulating HTGRs," *Transactions of the American Nuclear Society*, Vol. 116, San Francisco, California, June 11–15, 2017.
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