

SUpport to SAfety ANalysis of Hydrogen and Fuel Cell Technologies

Verification type	Sensitivity Studies (Grid and Parameter sensitivity)
Database reference	SEN-5
Topic / Application	Nuclear Safety Hydrogen Release Helium
Physics	Release Jets Stratification Froude number
Summary	Primarily a validation study on the MiniPanda experimental facility but with useful grid refinement investigation
Description	This is primarily a validation paper exploring jet and stratified flows of application to nuclear safety engineering. Primarily the paper concerns validation of results with experimental data from the MiniPanda facility at ETH Zurich. However the paper also explores best practice approaches to CFD model development.
Case Title	APPLICATION OF THE MINIPANDA TEST CASE 'EROSION OF A STRATIFIED LAYER BY A VERTICAL JET' FOR CFD VALIDATION
Authors	Stephan Kelm et al
Year	2013
Online reference	
Case image	
Governing equations	
Results	