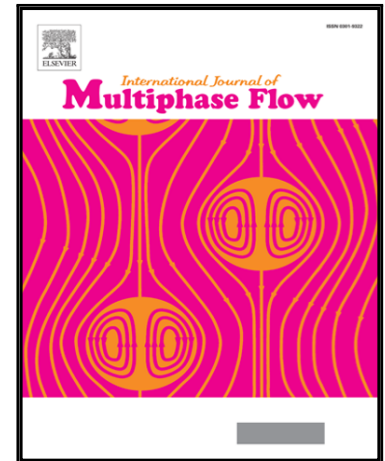


Transient Two-Phase Blowdown: Experiments and Analysis

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## HIGHLIGHTS

- Transient liquid flashing produces a highly non-uniform two-phase void distribution
- Measurements showed significant thermal non-equilibrium between liquid and vapor
- Pressure imbalance and inertia effects observed in the early stages of vapor growth
- Flow through the tube bundle was choked for the majority of the transient
- The analysis offers guidance for numerical code development and benchmarking efforts

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