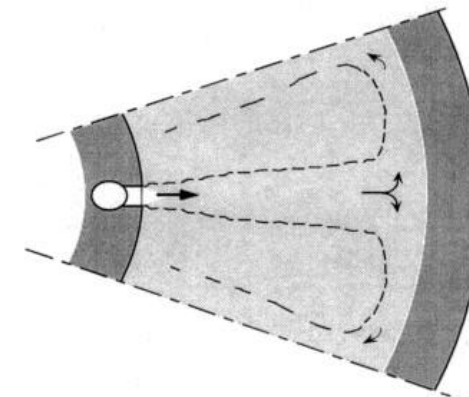
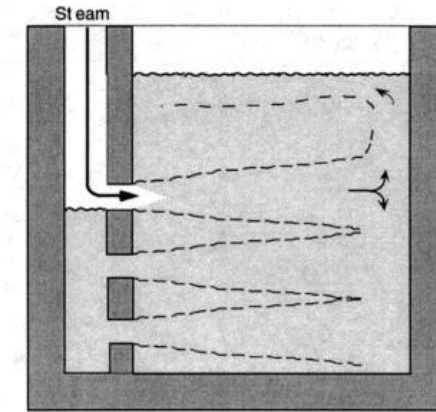


Development of a detailed model of a pressure suppression pool

- Problem: pressure suppression following a water LOCA is achieved by venting steam in a cold water pool (as in BWRs)
- Aim of the work: develop a Modelica model (in the GETTHEM library) of the transient steam condensation in the pressure suppression pool
- Prerequisites: none (but having attended the 30 hours on Modelica in this course is a big plus...)



[R. E. Gamble et al., Nucl Eng Des 204(1-3):321-336, 2001]

In collaboration with