

Steam line break

First seminar SH2705

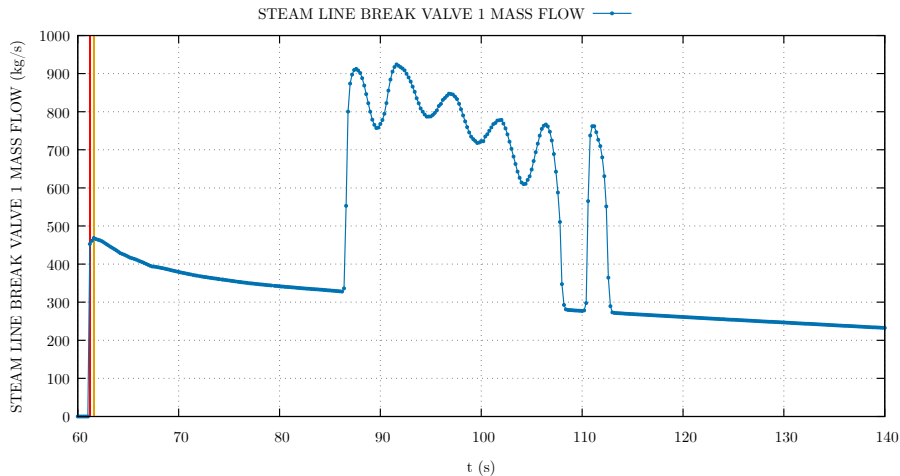
Quentin Louis Poirier, Jakub Mátl, Atilla Cakir

KTH

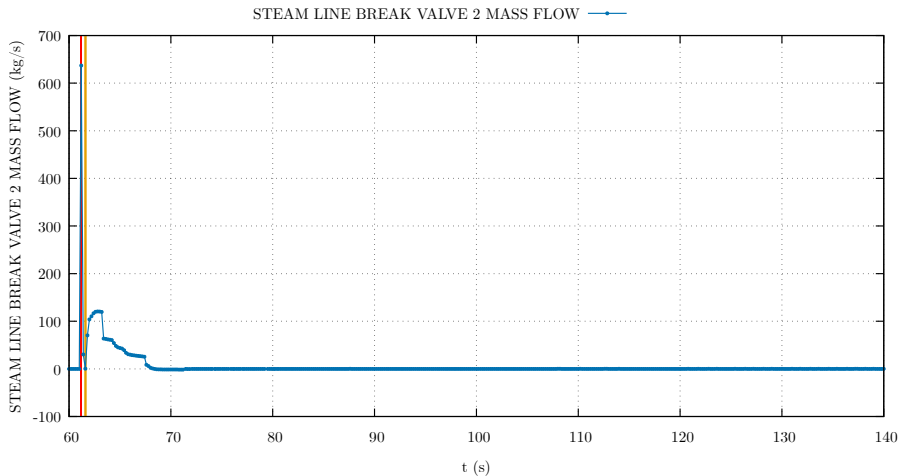
Royal Institute of Technology, Stockholm

123. 5. 2023

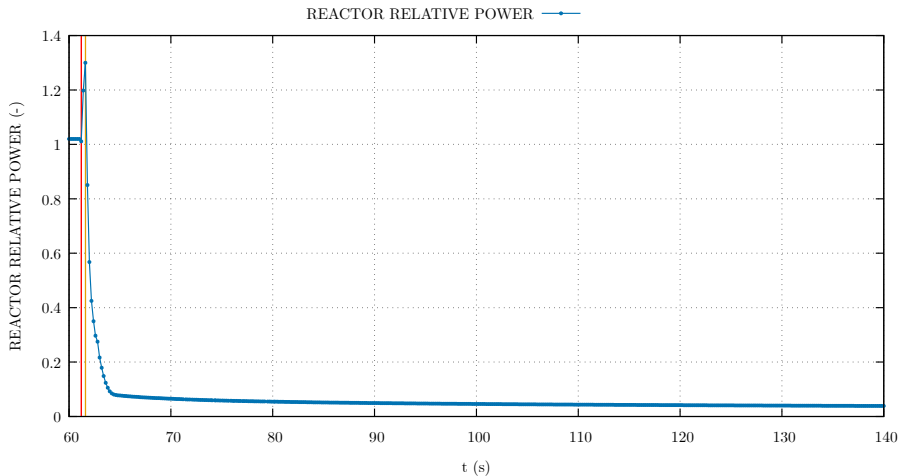
Steam line break valve 1 mass flow



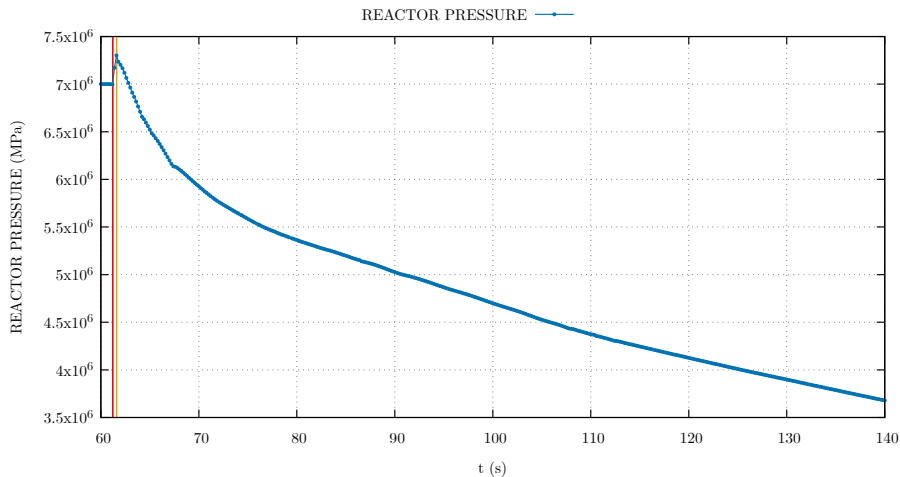
Steam line break valve 2 mass flow



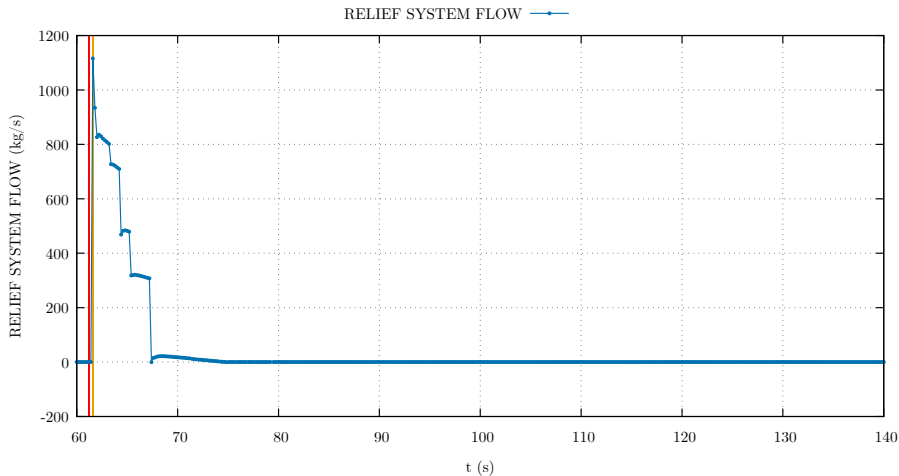
Relative power



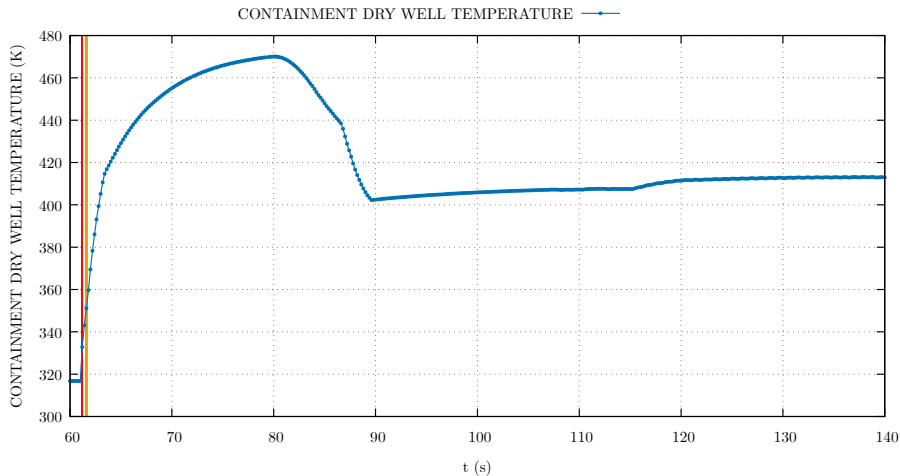
Reactor pressure



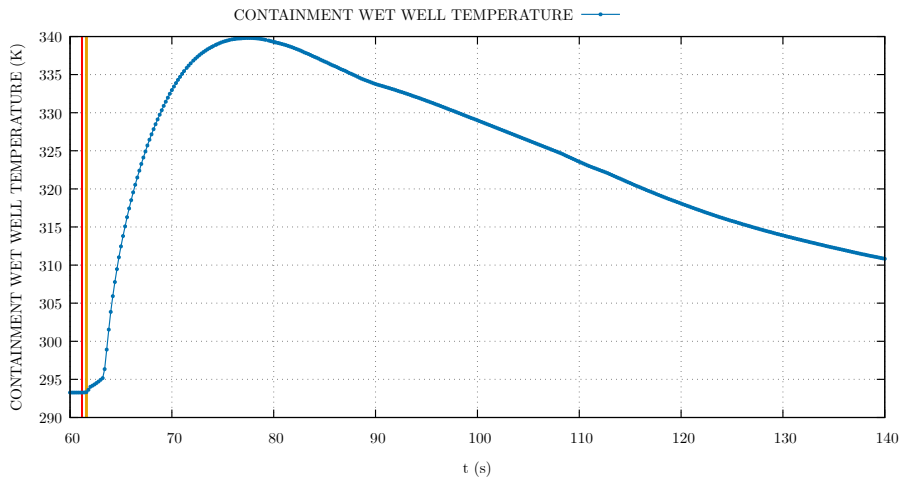
Relief system flow



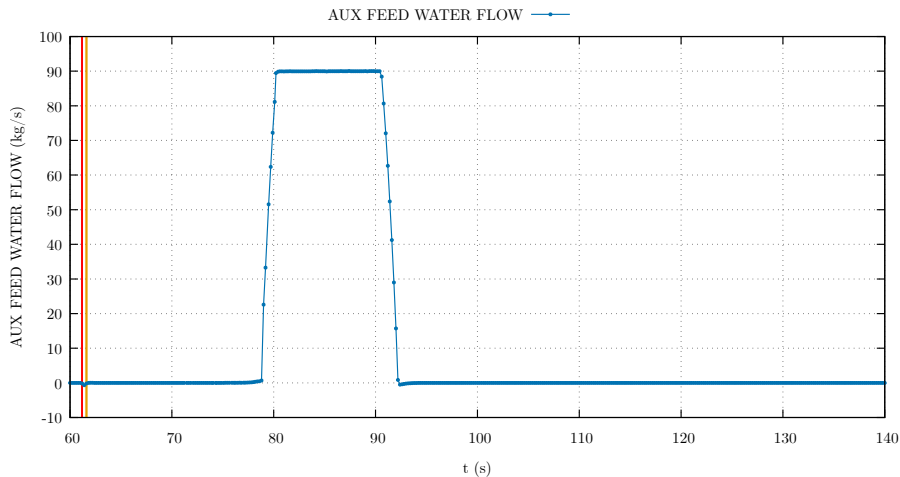
Dry well temperature



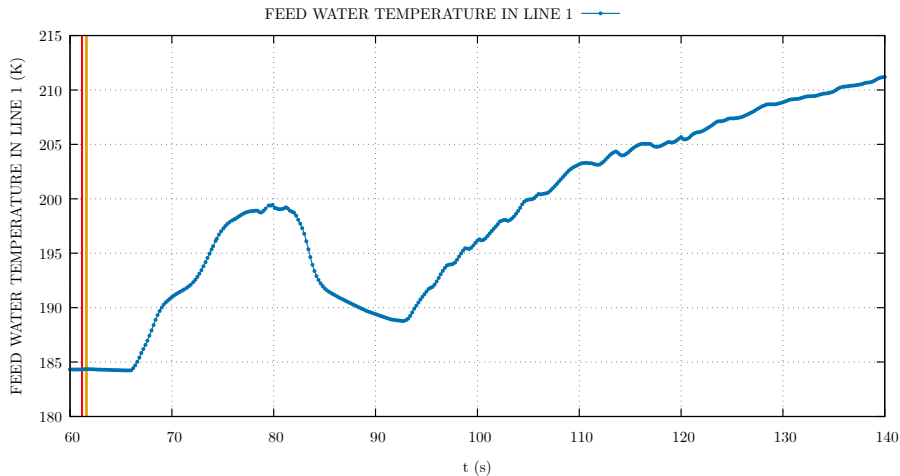
Wet well temperature



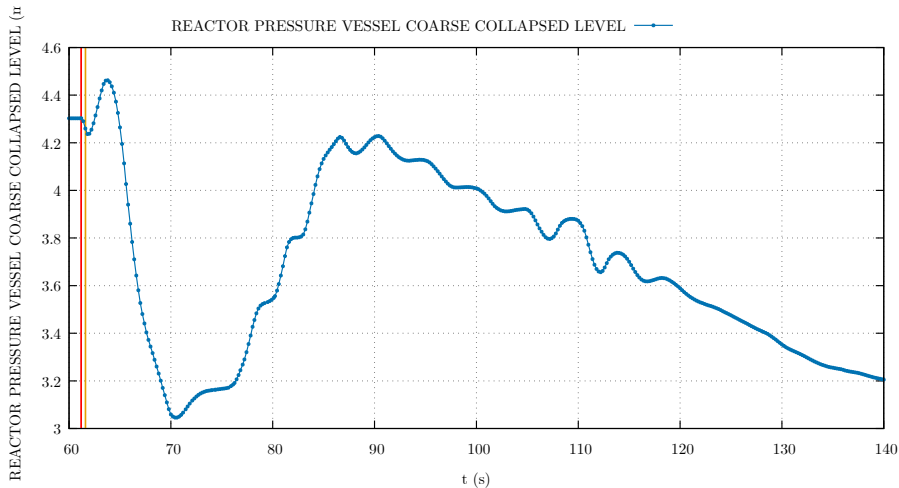
Auxiliary feed water flow



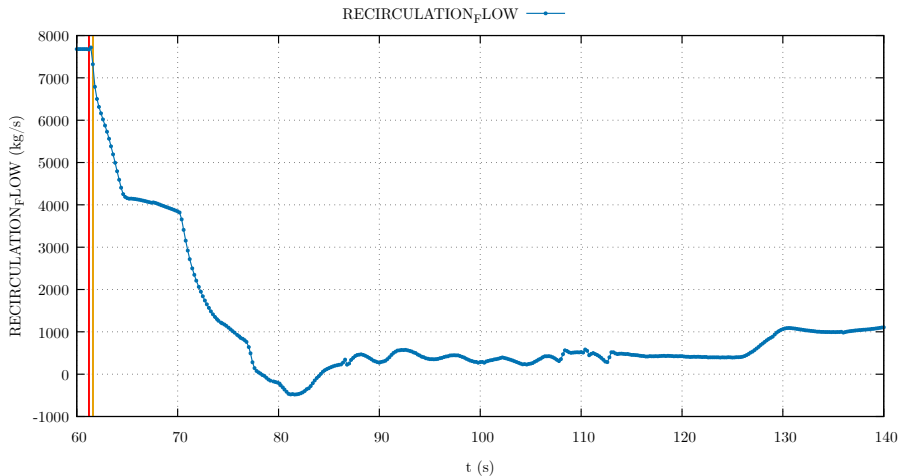
Feed water temperature 1



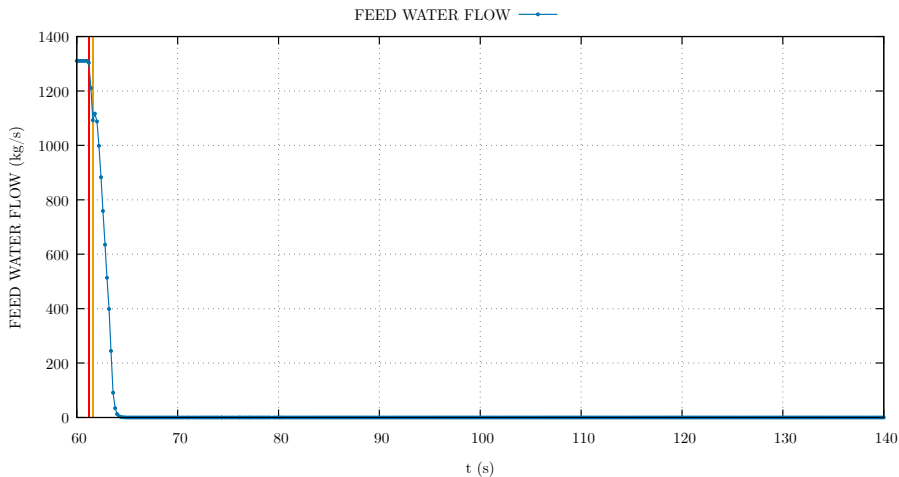
RPV coarse level measurement



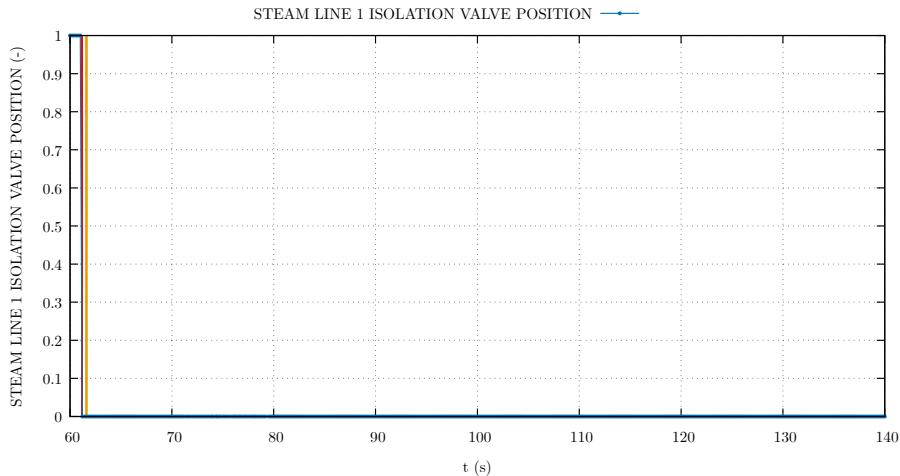
Recirculation flow



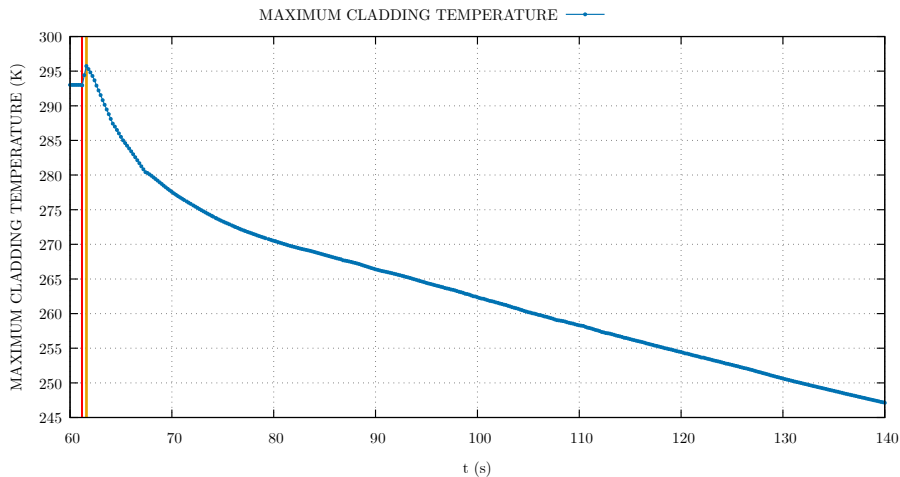
Feed water flow



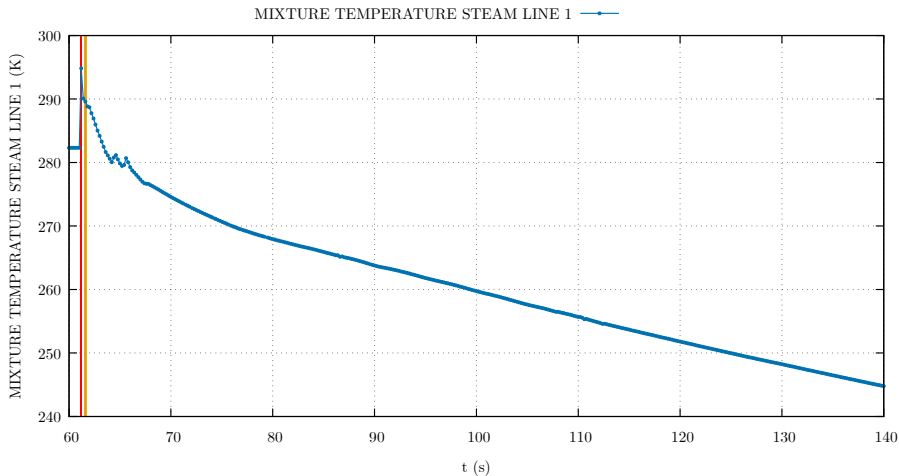
MSIV position



Maximum cladding temperature



Steam mixture temperature



Thanks for attention!
