

WTNA106 - Axisymmetric modelization of the heating of an element initially saturated with water. Taking into account of the vapor.

Abstract:

This test represents the heating and the desaturation of an element initially saturated with water with taking into account with vaporization. It is about a case test of pure non regression without physical reality. The purpose of this modelization is just checking non regression coupling law LIQU_VAPE_GAZ on a modelization of the type AXI_THH*.

Modelization a:

- Modelization AXI_THHD (lumped)
- Coupling: model LIQU_VAPE_GAZ

Modelization b:

- Modelization AXI_THHS (selective)
- Coupling: model LIQU_VAPE_GAZ

Modelization C:

- Modelization AXI_THHMS (selective)
- the mechanics is blocked here everywhere.
- Coupling: model LIQU_VAPE_GAZ

Modelization D:

- Modelization AXI_THHMD (lumped)
- the mechanics is blocked here everywhere.
- Coupling: model LIQU_VAPE_GAZ

Warning : The translation process used on this website is a "Machine Translation". It may be imprecise and inaccurate in whole or in part and is provided as a convenience.

This documentation is voluntarily brief.