

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

Summary:

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 not regression without physical reality. The purpose of this modeling is just to check to it not regression of the mixing rate LIQU_VAPE_GAZ on a modeling of the type AXI_THH*.

Modeling a:

- Modeling AXI_THHD (lumpé)
- Coupling: law LIQU_VAPE_GAZ

Modeling b:

- Modeling AXI_THHS (selective)
- Coupling: law LIQU_VAPE_GAZ

Modelisation C:

- Modeling AXI_THHMS (selective)
- Mechanics is blocked here everywhere.
- Coupling: law LIQU_VAPE_GAZ

Modeling D:

- Modeling AXI_THHMD (lumpé)
- Mechanics is blocked here everywhere.
- Coupling: law LIQU_VAPE_GAZ

This documentation is voluntarily brief.