

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

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### 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.