THE SECOND SAUDI INTERNATIONAL CONFERENCE ON NUCLEAR POWER ENGINEERING (SCOPE-2)

Contribution ID: 25314

Type: **Student Competition**

Modelling the Consequences of SGTR Accident Scenarios in a Typical PWR with the MELCOR Code

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Study involving the modeling of various SGTR accident scenarios (including MSGTR) using the MELCOR thermal-hydraulic code. The analysis focuses on quantifying the potential radiological release and assessing the risk of core degradation. The results aim to enhance the understanding of accident progression and core damage risk associated with tube rupture scenarios.

Technical Track

Student Competition

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