

Suphongs Khetkeeree 2006: Temperature Calculation on Thai-Research-Reactor  
Fuel Rod by Using COOLOD-N2 and EUREKA-2/RR Computer Codes. Master of  
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Assistant Professor Teerasak Veerapasong, D.Eng. 106 pages.  
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Thermal and hydraulics analysis of Thai-Research Reactor have been calculated by  
using COOLOD-N2 and EUREKA-2/RR computer code in order to obtain fuel temperature,  
heat flux, mass flow and coolant velocity in the reactor core.

The analyses have been done at the power ascending to 2MW thermal. The results have  
been compared to recently measured ones and previous measured values from standard TRIGA  
MARK III safety analysis report.

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