

Accepted Manuscript

Simulation and transient analyses of a complete passive heat removal system in a downward cooling pool-type MTR against a complete station blackout and long-term natural convection mode using the RELAP5\3.2 code

Afshin Hedayat

PII: S1738-5733(17)30241-3

DOI: [10.1016/j.net.2017.03.009](https://doi.org/10.1016/j.net.2017.03.009)

Reference: NET 346

To appear in: *Nuclear Engineering and Technology*

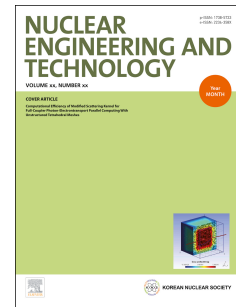
Received Date: 3 April 2016

Revised Date: 25 February 2017

Accepted Date: 31 March 2017

Please cite this article as: A. Hedayat, Simulation and transient analyses of a complete passive heat removal system in a downward cooling pool-type MTR against a complete station blackout and long-term natural convection mode using the RELAP5\3.2 code, *Nuclear Engineering and Technology* (2017), doi: 10.1016/j.net.2017.03.009.

This is a PDF file of an unedited manuscript that has been accepted for publication. As a service to our customers we are providing this early version of the manuscript. The manuscript will undergo copyediting, typesetting, and review of the resulting proof before it is published in its final form. Please note that during the production process errors may be discovered which could affect the content, and all legal disclaimers that apply to the journal pertain.



Simulation and transient analyses of a complete passive heat removal system in a downward cooling pool-type MTR against a complete station blackout and long-term natural convection mode using the RELAP5\3.2 code

Afshin Hedayat

Email Addresses: ahedayat@aeoi.org.ir; Af.Hedayat@yahoo.com

Reactor and nuclear safety school, Nuclear Science and Technology Research Institute (NSTRI), End of North Karegar Street, P.O. Box 14395-836, Tehran, Iran

Download English Version:

<https://daneshyari.com/en/article/5477923>

Download Persian Version:

<https://daneshyari.com/article/5477923>

[Daneshyari.com](https://daneshyari.com)