

Accepted Manuscript

Monte Carlo burnup and its uncertainty propagation analyses for VERA depletion benchmarks by McCARD

Ho Jin Park, Dong Hyuk Lee, Byoung Kyu Jeon, Hyung Jin Shim



PII: S1738-5733(18)30133-5

DOI: [10.1016/j.net.2018.06.003](https://doi.org/10.1016/j.net.2018.06.003)

Reference: NET 571

To appear in: *Nuclear Engineering and Technology*

Received Date: 22 February 2018

Revised Date: 1 June 2018

Accepted Date: 3 June 2018

Please cite this article as: H.J. Park, D.H. Lee, B.K. Jeon, H.J. Shim, Monte Carlo burnup and its uncertainty propagation analyses for VERA depletion benchmarks by McCARD, *Nuclear Engineering and Technology* (2018), doi: 10.1016/j.net.2018.06.003.

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.

**Monte Carlo Burnup and Its Uncertainty Propagation Analyses
for VERA Depletion Benchmarks by McCARD**

Authors:

Ho Jin Park

Korea Atomic Energy Research Institute, 111, Daedeok-daero 989 Beon-gil,
Daejeon, 34057, Korea

Dong Hyuk Lee

Seoul National University, 1 Gwanak-ro, Gwanak-gu, Seoul, 08826, Korea

Byoung Kyu Jeon

University of Michigan, 2355 Bonisteel Bldv., Ann Arbor, MI 48109-2014,
USA

Hyung Jin Shim

Seoul National University, 1 Gwanak-ro, Gwanak-gu, Seoul, 08826, Korea

* The author to whom proofs and the page charge invoice are to be sent:

Hyung Jin Shim

Seoul National University

1 Gwanak-ro, Gwanak-gu, Seoul, 08826, Republic of Korea

Phone: +82-2-880-7203

Fax: +82-2-889-2688

Email:shimhj@snu.ac.kr

Number of Pages

Text: 39 (including abstract)

Tables: 5

Figures: 17

Download English Version:

<https://daneshyari.com/en/article/8961688>

Download Persian Version:

<https://daneshyari.com/article/8961688>

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