## Correction

Article title: A Stylized 3-D Benchmark Problem Set Based on the Pin-Fueled SmAHTR
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For the above paper, it has recently come to the authors' attention that there is a discrepancy between the volumetric packing fractions stated in Secs. III.A. 1 and III.A. 3 from the actual volumetric packing fractions utilized in the stylized benchmark problem set published recently. The discrepancy is related to differences in infinite-medium and bounded-medium volumetric packing fractions for infinite lattice particle modeling. The changes listed below should be made to reflect the correct volumetric packing fractions.

No changes are required for any geometry specifications or results. Only the volumetric packing fractions that the particle lattice dimensions are stated to represent are updated. The $50 \%$ volumetric packing fraction mentioned in Sec. II in summarizing the preconceptual design as it was detailed in the original 2010 Oak Ridge National Laboratory report remains unchanged. The authors would like to apologize for the oversight and any inconvenience it may have caused.

## Correction 1

Location: In Sec. III.A.1, the paper states the following incorrectly:
They are packed at a $4 \%$ volumetric packing fraction in the graphite rods within a rectangular lattice structure with side lengths of 0.06982 cm and a height of 0.07984 cm .

## Corrected text:

They are packed at a $2.99 \%$ volumetric packing fraction in the graphite rods within a rectangular lattice structure with side lengths of 0.06982 cm and a height of 0.07984 cm .

## Correction 2

Location: In Sec. III.A.3, the paper states the following incorrectly:
The hexagonal prism used to achieve the $50 \%$ packing fraction consists of a $0.0491-\mathrm{cm}$ apothem and $0.09324-\mathrm{cm}$ height, which provides a small amount of clearance between the TRISO particles.

## Corrected text:

The TRISO particles are packed at a $50.43 \%$ volumetric packing fraction within a hexagonal lattice structure of a $0.0491-\mathrm{cm}$ apothem and $0.09324-\mathrm{cm}$ height, which provides a small amount of clearance between the TRISO particles.

