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Greetings,

On behalf of my co-authors and myself, I am hereby re-submitting our manuscript, entitled ``Analyzing the effect of pressure on the properties of point defects in gamma UMo through atomistic simulations”, for publication in the *MRS Advances.*

This article provides the first investigation of the effect of applied pressure on point defect properties in U-Mo. This work provides the first step towards a quantitative and qualitative understanding of how the induced stress fields in U-Mo nuclear fuel will affect microstructural phenomena dependent upon point defect behaviors. We feel this work greatly adds to the scientific community and provides a starting point for expansion into more complex interactions of pressure with point defects.

We thank the reviewers for their time and for their constructive feedback. We believe that we have answered all their points, both in the response document and in the manuscript, where applicable. We believe that the manuscript has been improved by their comments.

Sincerely,

Benjamin Beeler