Accepted Manuscript

The effect of thermomechanical processing on second phase particle redistribution in U-10 \Box wt%Mo

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PII: S0022-3115(17)31109-1

DOI: 10.1016/j.jnucmat.2017.12.042

Reference: NUMA 50707

To appear in: Journal of Nuclear Materials

Received Date: 3 August 2017

Revised Date: 27 December 2017

Accepted Date: 29 December 2017

Please cite this article as: X. Hu, X. Wang, V.V. Joshi, C.A. Lavender, The effect of thermomechanical processing on second phase particle redistribution in U-10 wt% Molournal of Nuclear Materials (2018), doi: 10.1016/j.jnucmat.2017.12.042.

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Microstructure-based Plane Strain Compression FE Model

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Two Point Correlation Functions (2PCF) Calculations of Particles



Vertical 2PCF of Particles (θ =90°) and Major Peak Position Changes with Reductions

D1
D2
D3
D4

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Experimental

Simulated

Similarity between Simulated and Experimental Microstructures after 80% Reduction

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