

## Enhancing Mechanisms for the Increased Performance of Nuclear Energy and Aerospace Coating- and Solid-RHEA Components

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Figure 1. Refractory-element thermal coating using atmospheric plasma spray (APS).

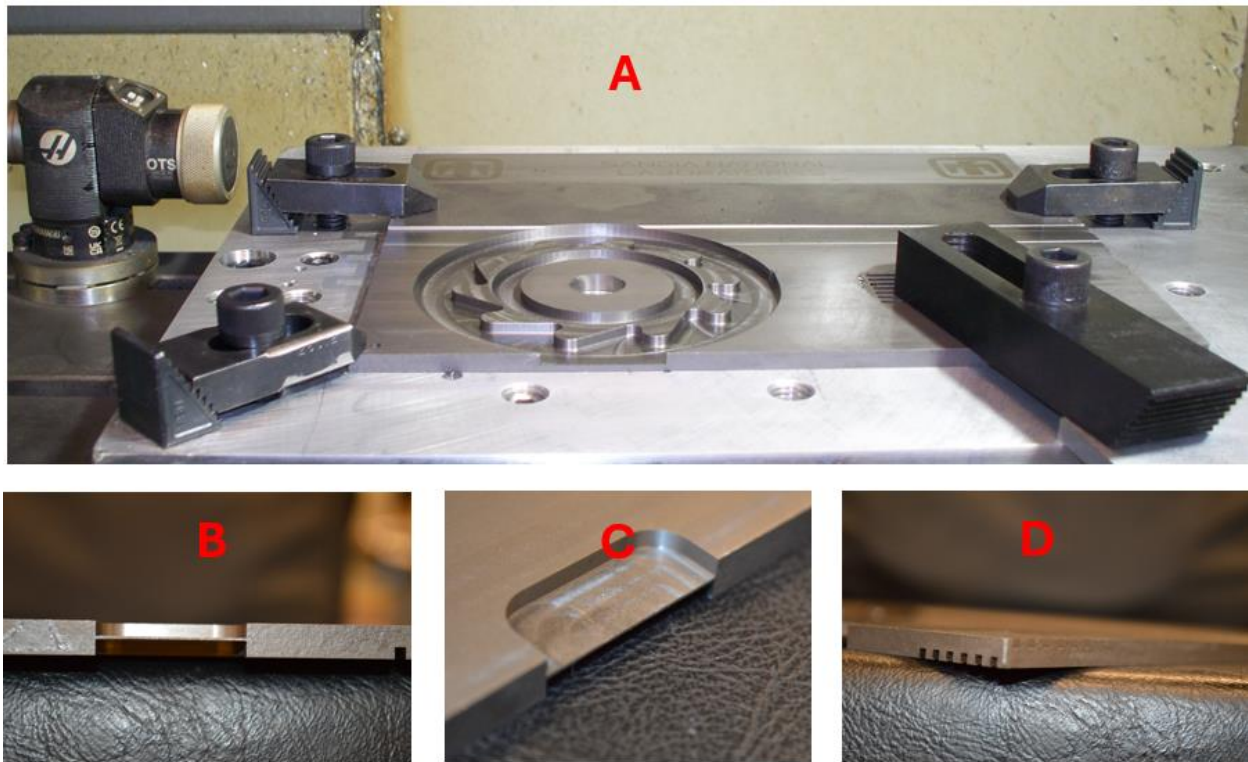


Figure 2. Solid-RHEA, industrial-grade components formed via SPS and CNC. A. turbine diffuser component with 10 vanes. B. Frontal view of thin microturbine blade. C. Side view of thin microturbine blade. D. Side view of CHE crossflow channels.