



**Enclosure 4:**

NuScale audit response, nonproprietary version

## Response to NuScale Topical Report Audit Question

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**Question Number:** A-MBDBE.LTR-8

**Receipt Date:** 03/04/2024

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**Question:**

Clarify whether any active components credited in the TR for BDBEE have performance requirements that exceed the safety-related design and performance criteria established in the design bases.

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**Response:**

The performance requirements for active components credited for beyond-design-basis events in the topical report are consistent with the safety-related design and performance criteria established in the design bases. Section 5.0 describes the safety functions during the shutdown of a NuScale Power Module. These systems initiate a safe-shutdown condition as required by their design functions and corresponding basis. After the initiation of safe-shutdown in response to an event, no additional active systems are required to maintain a safe condition as a result of a beyond-design-basis event. {{

}}<sup>2(a),(c)</sup>

No changes to the LTR are necessary.