



Downstream Fuel Effects – Methodology Approach Overview

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Discussion Points

- Alternate application of SAFER/GESTR-LOCA methodology
- SAFER model logic & correlations capture phenomena correctly
 - No technical changes to the evaluation model
- Functionality added to enhance input capability
 - Blockage at pre-determined time
 - Blockage simulated with flow area input at hot bundle SEO, LEAKAGE, and UTP paths
- Change within constraints & limitations of approved method
- SAFER nominal temperatures higher than TRACG
 - as expected
- Limiting LOCA reference case remains valid for setting blockage test criteria

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