

**Limited Scope High Burnup  
Lead Test Assemblies  
WCAP-15604-NP**

WOG and Industry Presentation  
Meeting

**December 6, 2000**

# Limited Scope LTA Program

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## Topical Development

- Westinghouse Owners Group initiated draft topical.
- Topical revised based on Industry comments to satisfy Vendor requirements.
- Industry peer review, consensus gained.
- Final approved report will be referenced by broad spectrum of the Industry in pursuing LTA programs.

# Limited Scope LTA Program

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## Topical Implementation


- Provides structured process for LTAs while maintaining safety.
- Provides licensing certainty for licensees.
- Provides licensees with core design flexibility.
- Generates valuable fuel data above the current burnup limits in support of ultimate high burnup licensing.

# Limited Scope LTA Program



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Provides structured process for LTAs while maintaining safety

- Logical and uniform constraints on LTA programs.
  - Ensures public confidence through a distinct process.
  - Ensures structured process for data feedback to NRC including developmental model performance.
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# Limited Scope LTA Program

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## Provides licensing certainty for licensees

- NRC approval ensures licensing certainty for licensees.
  - Provides guidance for licensees to evaluate LTAs.
  - Reduces regulatory burden for both NRC and licensees.
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# Limited Scope LTA Program

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## Provides licensees with core design flexibility


- LTAs no longer have to be a loading pattern economic penalty.
- Incentive for licensees to pursue high burnup LTA programs.

# Limited Scope LTA Program



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Generates valuable fuel data above the current burnup limits in support of high burnup licensing

- Commitment to inspect fuel taken to higher burnups.
  - Populate intermediate and peak burnup range with data.
  - Program allows LTAs to experience typical fuel duty profiles.
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# Limited Scope LTA Program

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## Summary

- Extensive effort completed to reach Industry consensus document.
- Topical provides a uniform process for any licensee to pursue a Limited Scope LTA program.
- Provides benefit to all parties involved in licensing high burnup fuel.