

ENCLOSURE 4

Westinghouse Presentation Materials, AP1000® Long-Term Core Cooling Margin Increase Program
(MIP)

(Non-Proprietary)

AP1000[®] Long-Term Core Cooling Margin Increase Program (MIP)

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Agenda for **AP1000** Margin Increase Program (MIP)

- Background / objectives of program
- Approach to achieving objectives
- Description and status of key activities
- Summary list of reports to be submitted
- Schedule outline
- Discussion on objectives / activities
 - Comments / feedback from NRC
- Actions

MIP Background

- **AP1000** has received NRC/ACRS review and approval of long-term core cooling with debris; GSI-191 is resolved for **AP1000**
 - Based on limiting total latent debris to 130 lb_m and the latent fiber portion to 6.6 lb_m (5% of total latent debris)
 - For operating plants the fiber amount is not separately limited but assumed to be <15% of total latent debris

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MIP Objectives and Approach

- Objectives

[] a,c

- Approach Strategy

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Outline of **AP1000** MIP Tasks

- Update **AP1000** post accident debris reports

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Long-Term Cooling Analysis, Code Mods & New Analysis

a,c

Long-Term Cooling Analysis, Code Mods & New Analysis (con't)

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Screen Testing

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AP1000 Fuel Debris Test Facility Used For Design Certification Testing



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AP1000 MIP Document List



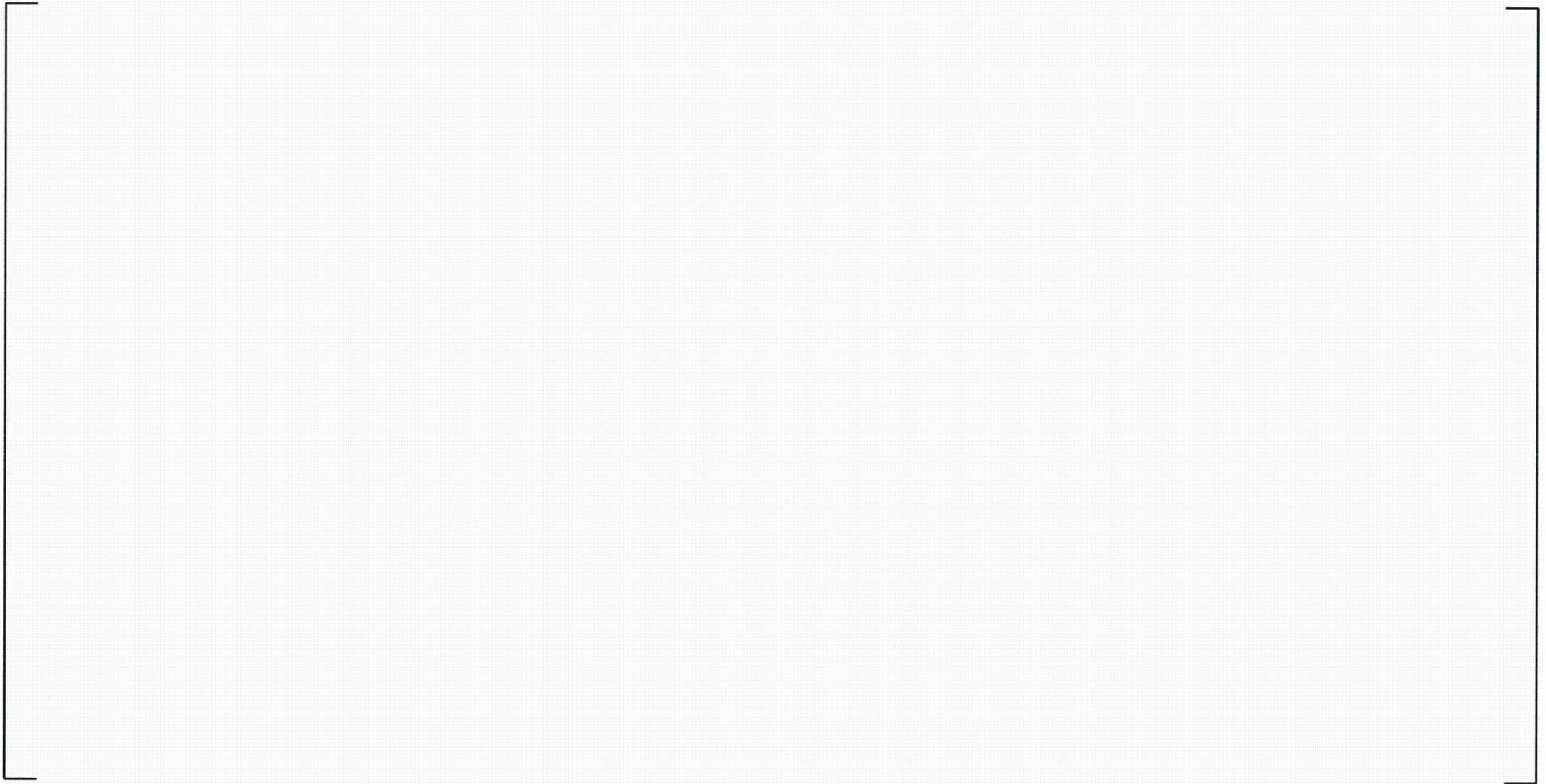
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MIP Tentative Schedule



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AP1000 Containment Debris MIP Summary



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Discussion / Feedback / Actions

