

# **The Results of Fragility Analysis for PRA-Based SMA of APR1400 PRA**

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**KHNP**

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## **PRESENTERS**

- **Kevin Hwang : Seismic PRA Consultant (SGH)**
- **JeongGuk Song : PRA Group Leader (Seismic)**
- **EunSil Song : PRA Group Supervisor**

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## 1. Methodology

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## 2. Seismic Input Motion

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## 3. APR1400 SSCs with design-specific HCLPF capacities

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## 4. Approach for HCLPF capacity evaluation

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## 4. Approach for HCLPF capacity evaluation (cont'd)

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## 5. Reactor building HCLPF evaluation

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## 6. Auxiliary building HCLPF evaluation

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## 7. Global stability of NI structure

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## 8. HCLPF capacities of building structures

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## 9. RCS components

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## 9. RCS components (cont'd)

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## 10. HCLPF capacities of RCS components

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## 11. HCLPF capacities of other SEL components

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## 12. Conclusion

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**THANK YOU!**