

SMR-160 I&C Architecture Overview



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Agenda



- Purpose
- Architecture Overview
- Major Systems
- Key Design Features

Objective

- The objective is to familiarize NRC staff with the I&C design of the SMR-160 including soliciting feedback on :
 - The compliance of the design with applicable regulations
 - Areas that have higher potential licensing risk that require a more thorough discussion.

Acronyms

- MELCO Mitsubishi Electric Corporation
- PSS Plant Safety System
- PCS Plant Control System
- DAS Diverse Actuation System
- MELTAC Mitsubishi Electric Total Advanced Control
- ATWS Anticipated Transient Without Scram
- HSI Human System Interface

Architecture Overview



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Plant Safety System



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Diverse Actuation System



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Plant Control System



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Main Control Room HSI



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Main Control Room HSI



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Questions or Comments?

