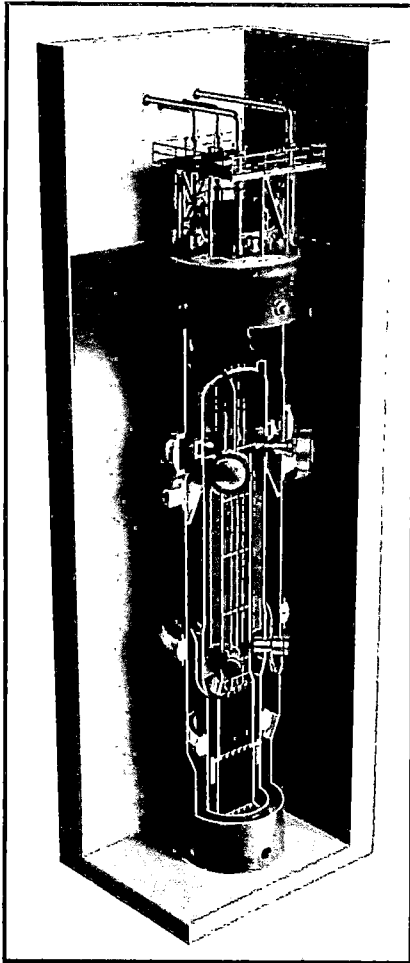


Enclosure 2:

"ECCS Valve DCA Demonstration Testing," PM-0119-64160-NP, Revision 0, nonproprietary version

NuScale Nonproprietary

ECCS Valve DCA Demonstration Testing



NRC Update 1/23/19

Dan Lassiter - Engineering
Greg Myers - Licensing

PM-0119-64160-NP
Revision: 0

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ECCS Valve DCA Demonstration Test

- **Objectives:**

- **Demonstrate main valve functionality at operating temperature and pressure fluid conditions**
 - Criteria: Moving to fully open position when actuated below IAB release
- **Demonstrate IAB functionality at operating temperature and pressure fluid conditions**
 - Criteria: Block main valve actuation above threshold pressure, permit main valve actuation below release pressure
- **Demonstrate IAB and trip line functionality at operating chemistry fluid conditions (boric acid solutions)**
 - Criteria: Negligible IAB and trip line performance compared to water only tests

ECCS Valve DCA Demonstration Test

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}}2(a),(c)

ECCS Valve DCA Demonstration Test

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ECCS Valve DCA Demonstration Test

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Main Valve and IAB Actuation Tests

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ECCS Valve DCA Demonstration Test

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ECCS Valve DCA Demonstration Test

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Boric Acid Effects Test

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Schedule 2019

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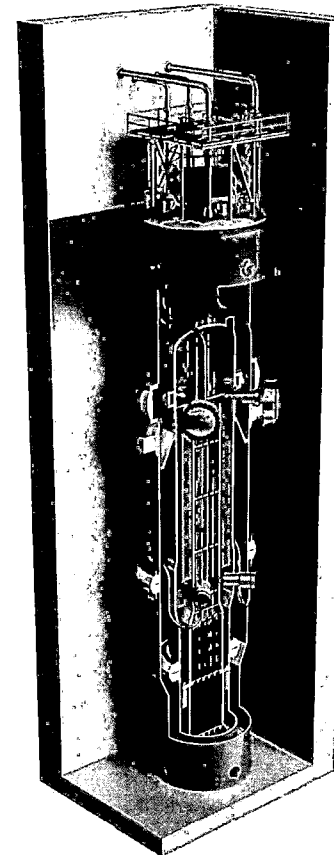
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