

**Recent Updates to Code ACI 349 – Code Requirements for Nuclear Safety-Related Concrete Structures & Report ACI PRC-349.1 – Reinforced Concrete Design for Thermal Effects on Nuclear Safety-Related Structures & Guide ACI PRC-(349-359) – Design of Nuclear Safety-Related Structures for Impactive and Impulsive Loads using ACI 349 and ASME SECTION III DIV 2 Provisions**

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In this presentation, the upcoming changes to ACI 349, Code Requirements for Nuclear Safety-Related Concrete Structures will be summarized. A revision to the 2013 version of ACI 349 has been approved by the ACI 349 committee and final comments from the public commented period have been incorporated. The code ACI-349 is expected to be published this year once final editing by the publisher is complete. The major changes to the Code will be discussed in this presentation.

In addition, the upcoming changes to ACI PRC-349.1, Reinforced Concrete Design for Thermal Effects on Nuclear Safety-Related Structures will be summarized. A revision to the 2007 version of ACI 349 PRC-349.1 has been approved by the ACI 349 committee, public comments have been addressed, and this report is expected to be published this year.

Also, the newly published ACI PRC-(349-359), Design of Nuclear Safety-Related Structures for Impactive and Impulsive Loads using ACI 349 and ASME SECTION III DIV 2 Provisions, will be discussed in this presentation. The base content of this guide is taken from Appendix F of ACI 349-13 with some significant changes.