



**RIC 2010
Anticipated Post-COL Licensing
Actions to Address Engineering Issues**

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**Anticipated Post-COL Licensing
Engineering Issues**

Types of Licensing Actions

- License Conditions
- License Amendments
- ASME Code Relief Requests/Alternatives

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Anticipated License Conditions

- Pressurized Thermal Shock 12 months from acceptance of reactor vessel. 10 CFR 50.61
- Implementation of Operational programs (ISI, IST, RSVP, EQ, PSI, PST) with NRC inspections.
- Implementation of plant specific turbine Maintenance/Inservice Inspection program based on as built rotor materials with NRC inspections.

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Anticipated Relief Requests/Alternatives

- Risk Informed – Inservice Inspection
- High Density Polyethylene/Fiberglass Pipe if ASME Code Case is not approved in applicable Regulatory Guides
- Other alternatives to ASME Code, Section III requirements (Class 2 and 3)

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Anticipated License Amendments

- Piping DAC and Pipe Break Hazard Analysis are Tier 2* items for which changes require NRC approval.
 - Designs have option to use a topical report to address/change Piping DAC and Pipe Break Hazard Analysis after COL issuance.
- Digital I&C Implementation for which changes may require NRC approval. Changes include:
 - Selection of I&C platforms after COL issuance
 - Take advantage of technology advancement

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Anticipated License Amendments

- Technical Specification Task Force (TSTF)
 - Implement new or revised TSTF (e.g., TSTF-510 Steam Generator Program)

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Summary

- These potential Post-COL Licensing Actions are still being evaluated.
- Some of these potential Post-COL Licensing Actions are optional.
- Other potential issues may emerge during COL review and construction.

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