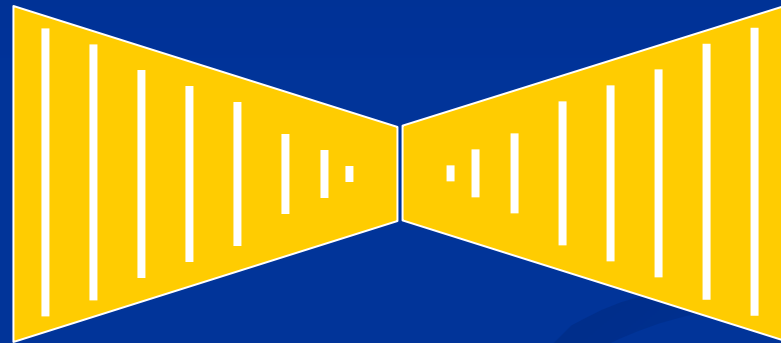


DG 1145 – Section C.I.10

Steam and Power Conversion System



17 May 2006

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U.S. Nuclear Regulatory Commission

Overview

- Section outline.
- Section references.
- Response to early public feedback.
- “To Do List.”

Section 10 Outline

1. Summary Description.
2. Turbine Generator.
3. Main Steam Supply System.
4. Other features (i.e., condensers, circulating water, condensate and feedwater systems).

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References

- 10 CFR Part 50.
- Regulatory Guides.
- NUREGs.
- Generic Letters.
- Industry Codes and Standards.

Early Public Feedback

- Submittal of pre-service and inservice inspection procedures and acceptance criteria (sections 10.2.3.3 and 10.2.3.5).
- General Design Criteria for section 10.4.
- Design-specific ‘To Do Lists.’

“ To Do List ”

If a COL application references a certified design,^{*} which areas remain to be reviewed by the NRC staff?

** assume no deviation from the certified design*

Steam and Power Conversion

- Chemistry control.
- Erosion-corrosion monitoring.
- Turbine maintenance and inspection (pre-service and inservice inspection).
- Site-specific configuration of the circulating water system, cooling tower, or other site-specific heat sink.

Questions...?

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