



ESBWR Design Control Document

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Design Control Document (DCD) Tier 2 Shells

- GENE Regulatory Services is in the process of “Ghost Writing” the DCD Tier 2 and Tech Spec “shells” to facilitate consistency and NRC review
- Tier 2 is based on the ABWR Tier 2 Table of Contents and level of detail, and latest NUREG-0800 SRPs
- To the fullest extent possible, data is contained in tables rather than text to facilitate maintenance
- The “Ghost Writing” process will assure consistency in:
 - > format
 - > style
 - > wording/spelling/grammar conventions
 - > section/subsection nomenclature

DCD Tier 2 Contents Guidelines

- GE will attempt to limit references to documents that were developed for submittal to the NRC (i.e., NEDO, NEDC, and NEDE licensing topical reports), or industry codes and standards
- GE internal engineering documents (P&IDs, FCDs, etc.) will not be referenced
- To facilitate NRC review, drawings will be simplified to show only the function(s) of interest

DCD Improved Configuration Management

- The DCD will be submitted in electronic format
- GE's internal Configuration Management process will facilitate accurate revision control
- DCD revisions will identify only changes from the previous revision
- GE will annotate the entire DCD to facilitate internal change control

Summary

- GE has incorporated several processes to facilitate NRC review of the DCD
- GE's internal Configuration Management process has improved significantly since ABWR DCD submittal