

C.1.2 – Part 2 – Safety Analysis Report

[Second paragraph]

The safety analysis report submitted as part of a design certification ~~an~~ application should adhere...

[insert new paragraph after the second paragraph]

For a COL application (COLA) referencing a design certification, the safety analysis report submitted as part of an application should adhere to the standardized format and content of the referenced design certification Design Control Document (DCD). For site-specific content, the COLA should include the information identified in Appendix C or D of this regulatory guide.

Table 2, Note 4:

The FSAR for a COLA ~~COL application that incorporating by~~ references a DCD ~~correlates in both~~ should generally follow the format and content of the DCD being referenced, recognizing that some of those DCDs used previous regulatory guidance to develop their format and content (e.g., Regulatory Guide 1.70, Revision 3, "Standard Format and Content of Safety Analysis Reports for Nuclear Power Plants - LWR Edition," November 1978). The FSAR for these COLAs may require some organization and numbering differences in order to include additional plant or site-specific material. This site-specific information should describe interfaces with the referenced DCD as well as departures, supplements and exemptions from the content of the DCD.¹ ~~to a COL FSAR (Note 1). One key distinction is that the detailed site-specific information must describe all interfaces with the referenced design, as well as all departures/supplements/exemptions from the referenced design certification.~~

The COLA may incorporate the ~~The~~ detailed reactor design information ~~which is wholly unchanged in content~~ from the DCD FSAR [and the site information from the ESP Site Safety Analysis Report (SSAR) if applicable] in one of two ways:

1. The information may be "incorporated by reference" rather than duplicated in the COLA FSAR; or
2. The COLA FSAR may incorporate the DCD content (and ESP content, if applicable) by incorporating the DCD content (and ESP content, if applicable) and the site-specific content into a single integrated FSAR. Site-specific content may be based on prior licensing experience with the same design.

¹ The existing DC rules (10 CFR 52 appendices) require that a COLA that references a certified design include a plant-specific DCD containing the same type of information and using the same organization and numbering as the generic DCD, as modified and supplemented by the applicant's exemptions and departures. Where necessary to present additional information, new sections may be added following the logical structure of the generic DCD.

For both options above, the COLA should provide a method for distinguishing between COLA FSAR content (standard or site-specific²), generic DCD content, and ESP SSAR content (if applicable). The COLA should also provide a method for identifying information related to COLA action items, departures, conceptual design information, ESP variances, etc.

A COLA adopting either option above should utilize a distinctive method for plant-specific tables and figures that distinguishes them from DCD tables and figures. Similarly, if the COLA revises a DCD table or figure, the table or figure number should be uniquely identified. These measures will aid the NRC staff in identifying changes to the certified design.

Appendix D (or C, if applicable) provides guidance regarding the additional content, beyond that contained in the referenced DCD (and referenced ESP, if applicable), which should be addressed in the COLA.

~~is identified as “incorporated by reference” rather than duplicated in the COL FSAR. Guidance for the FSAR format and content is provided in Appendix D of this regulatory guide.~~

- ~~• Chapters 1 and 2 — content is analogous to Chapters 1 and 2 for a COL FSAR (Note 1) and, additionally, content includes detailed site-specific information related to interfaces with the certified design~~
- ~~• Chapters 3 through 19 — contain detailed plant-specific and site-specific information and, additionally, detailed information pertaining to departures/supplements/exemptions from the referenced certified design. For information that is wholly unchanged from the referenced design-certification FSAR, the phrase “incorporated by reference” is inserted in the appropriate COL FSAR chapter/section.~~

[Delete Note 5 as this information is now addressed in the revised Note 4]

² The term “standard” refers to COLA FSAR content that would apply to all COLAs referencing the same DCD; while the term “site-specific” applies to content that would be unique to a particular plant.