

Format for COLA FSARs

The ESBWR Design Centered Working Group (DCWG) is working with the AP1000 DCWG to develop a standard format for the Final Safety Analysis Reports (FSARs) that will be submitted with the Combined License Applications (COLAs) for NRC review.

The purpose of this document is to describe the format of the FSAR in order to aid individuals in reviewing the samples that are being provided for NRC feedback. This example includes links to the DCD from content that references the DCD.

The FSAR is being formatted as follows:

- Generally, the DCD and Early Site Permit (ESP), if applicable, will be incorporated by reference. A statement to this effect will be made at the beginning of each applicable section or subsection. The statement will also indicate if there are any departures or exemptions from the DCD, any variances from the ESP, or any supplemental information added to complete the COLA.

A COLA section may include the full text of the DCD or ESP if it is determined to be necessary for contextual clarity. This “full-text approach” is expected to be needed infrequently.

- FSAR content will be categorized based on its purpose for inclusion. Content categories, described in Attachment 1, will be indicated by side headings, at the left of the body text.
- In general, side headings that identify standard information (i.e., same for all applicants) will have no plant-unique identifiers. However, if the information is unique to a particular applicant, that applicant’s plant name (or abbreviation) will be shown. For example, if the side heading is “COL 4.2.1,” the text that appears to the right of this side heading addresses DCD COL Information Item 4.2.1, and the same information is being submitted by all COL applicants. However, if the side heading is “NAPS COL 4.2.1,” the text that appears in the body of the COLA addresses DCD COL Information Item 4.2.1, for which the response is unique to North Anna.
- The text with which each side heading is associated will be separated by lines from the text that precedes and follows it, so that it is clear where the text associated with a side heading begins and ends.

A draft copy of North Anna FSAR Chapter 11 is provided to illustrate the format described above. This is a draft document that has not been verified. It is provided to illustrate the proposed formatting for the FSAR.

To aid in your review, what follows are specific explanations for some of the content in the North Anna FSAR Chapter 11 format:

1. The first line on page 11-1 is:

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DCD CHAPTER 11 – RADIOACTIVE WASTE MANAGEMENT

The side heading “DCD R3 (Draft)” indicates that the source of the title “CHAPTER 11 – RADIOACTIVE WASTE MANAGEMENT” is the DCD.

2. Under “11.1 SOURCE TERMS,” is the statement:

“The information in this section of the referenced DCD is incorporated.”

This statement is used throughout the FSAR to incorporate the DCD without any departures or supplements. A similar statement is used to incorporate the ESP, when applicable.

3. The second side heading on page 11-1 is “STD COL 11.2.6-1:”

The side heading indicates that the body text addresses ESBWR DCD COL Information Item 11.2.6-1 with a response the same for all COL applicants. Lines appear above and below the associated text.

4. The text to the right of the second side heading (STD COL 11.2.6-1) states:

“The information in this section of the referenced DCD is incorporated.”

This statement addresses DCD COL Holder Item 11.2.6-1. DCD COL Holder Item 11.2.6-1 states, “The COL Holder is responsible for developing, and updating, as necessary, for the initial, and subsequently updated future, mobile systems, a Process Control Program as described in Generic Letter 89-01, January 31, 1989, specifically, Enclosure 3, Section 6.13 Process Control Program, PCP.” By incorporating this DCD statement in the COLA, the COL Holder Item is addressed by creating a license commitment.

5. The third and fourth side headings and associated text on page 11-1 are similar to the second side heading.
6. The remaining side headings and associated text in the Chapter 11 are similar to those described above.

If there are any questions, please contact Gina Borsh at Dominion (804.273.2247).

Format for Combined License Applications
Attachment 1
Categories of Side Heads

Category	Options for Side Heads	Application
DCD	DCD	Assigned to a heading or sub-heading from the DCD.
ESP	(Plant Name) ESP	Assigned to a heading or sub-heading from the ESP.
Departures from the DCD	STD DEP X.Y.Z-# (Plant Name) DEP X.Y.Z-#	Assigned to a departure from the DCD. The ‘STD DEP’ option is assigned to a departure that is identical for all parallel applicants. The other options are site-specific. Each departure is sequentially numbered based on the FSAR subsection (X.Y.Z) that contains the departure. Each subcategory of departure is numbered separately (i.e., a subsection could contain a DEP X.Y.Z-1 and GG DEP X.Y.Z-1).
Information to address generic DCD COL Information Items	STD COL # (Plant Name) COL #	Assigned to information that has been added to address a COL Information Item that is contained in the generic DCD. The ‘STD COL’ option is assigned to information that is identical for all parallel applicants. The other options are site-specific. The side head includes the COL Item number that was assigned by the DCD.
Replacement of Conceptual Design Information	STD CDI (Plant Name) CDI	Assigned to actual design information that replaces the generic DCD’s conceptual design information. The ‘STD CDI’ option is assigned to information that is identical for all parallel applicants. The other options are site-specific. The side head is not numbered.
Information to address ESP COL Items	(Plant Name) ESP COL #	Assigned to information that addresses an ESP’s FSER COL Item. The options are site-specific. The side head for each response includes the COL Item number assigned by the FSER.
Variances from the ESP	(Plant Name) VAR X.Y.Z-#	Assigned to a variance from the ESP. Each variance is sequentially numbered based on the FSAR subsection (X.Y.Z) that includes the variance.
Information to address ESP Permit Conditions	(Plant Name) PC #	Assigned to information that has been added to address an ESP permit condition. The side head for each response includes the condition number assigned by the permit.
Miscellaneous Supplemental Information	STD SUP (Plant Name) SUP	Assigned to new information that does not fit into the other categories. The ‘STD SUP’ option is assigned to information that is identical for all parallel applicants. The other options are site-specific. The side head is not numbered.

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Notes:

It is possible that the same information may be assigned more than one category.

The method for presenting supplemental information that will be in tables and figures will be similar to the method described above.