

**V. C. Summer Nuclear Station, Units 2 and 3  
COL Application  
Part 2, FSAR**

CHAPTER 15  
ACCIDENT ANALYSES

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**CHAPTER 15**  
**ACCIDENT ANALYSES**

15.0 ACCIDENT ANALYSES

This **section** of the referenced DCD is incorporated by reference with no departures or supplements.

**V. C. Summer Nuclear Station, Units 2 and 3**  
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15.1 INCREASE IN HEAT REMOVAL FROM THE PRIMARY SYSTEM

This **section** of the referenced DCD is incorporated by reference with no departures or supplements.

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15.2 DECREASE IN HEAT REMOVAL BY THE SECONDARY SYSTEM

This **section** of the referenced DCD is incorporated by reference with no departures or supplements.

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15.3 DECREASE IN REACTOR COOLANT SYSTEM FLOW RATE

This **section** of the referenced DCD is incorporated by reference with no departures or supplements.

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15.4 REACTIVITY AND POWER DISTRIBUTION ANOMALIES

This **section** of the referenced DCD is incorporated by reference with no departures or supplements.

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15.5 INCREASE IN REACTOR COOLANT INVENTORY

This **section** of the referenced DCD is incorporated by reference with no departures or supplements.

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15.6 DECREASE IN REACTOR COOLANT INVENTORY

This **section** of the referenced DCD is incorporated by reference with the following departures and/or supplements.

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15.6.5.3.7.3 Atmospheric Dispersion Factors

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Add the following paragraph at the end of **DCD Subsection 15.6.5.3.7.3**.

VCS COL 2.3-4 Site-specific  $\chi/Q$  values provided in **Subsection 2.3.4** are bounded by the values given in **DCD Tables 15A-5** and **15A-6**.

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15.7 RADIOACTIVE RELEASE FROM A SUBSYSTEM OR COMPONENT

This **section** of the referenced DCD is incorporated by reference with the following departures and/or supplements.

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15.7.6 COMBINED LICENSE INFORMATION

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VCS COL 15.7-1 This COL item is addressed in **Subsection 2.4.13**.

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15.8 ANTICIPATED TRANSIENTS WITHOUT SCRAM

This **section** of the referenced DCD is incorporated by reference with no departures or supplements.

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APPENDIX 15A  
EVALUATION MODELS AND PARAMETERS FOR ANALYSIS OF  
RADIOLOGICAL CONSEQUENCES OF ACCIDENTS

This **section** of the referenced DCD is incorporated by reference with the following departures and/or supplements.

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15A.3.3      Atmospheric Dispersion Factors

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Replace the third paragraph in **DCD Subsection 15A.3.3** with the following:

VCS COL 2.3-4    Site-specific  $\chi/Q$  values provided in **Subsection 2.3.4** are bounded by the values given in **DCD Tables 15A-5** and **15A-6**.

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APPENDIX 15B  
REMOVAL OF AIRBORNE ACTIVITY FROM THE CONTAINMENT  
ATMOSPHERE FOLLOWING A LOCA

This **section** of the referenced DCD is incorporated by reference with no departures or supplements.