

**Bellefonte Nuclear Plant, Units 3 & 4
COL Application
Part 2, FSAR**

15.0 ACCIDENT ANALYSES

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15.0 ACCIDENT ANALYSES

This **section** of the DCD is incorporated with the following departure(s) and/or supplement(s).

TABLE 15.0-4a
PROTECTION AND SAFETY MONITORING SYSTEM
SETPOINTS AND TIME DELAYS TO TRIP ASSUMED IN
ACCIDENT ANALYSES

STD DEP 15.0-1 This table is modified as identified in the DCD markup section of **APP-GW-GLR-016**, Rev. 0 (TR36), AP1000 Pressurizer Design.

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15.1 INCREASE IN HEAT REMOVAL FROM THE PRIMARY SYSTEM

This **section** of the DCD is incorporated with no departures and/or supplements.

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15.2 DECREASE IN HEAT REMOVAL BY THE SECONDARY SYSTEM

This **section** of the DCD is incorporated with no departures and/or supplements.

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15.3 DECREASE IN REACTOR COOLANT SYSTEM FLOW RATE

This **section** of the DCD is incorporated with no departures and/or supplements.

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15.4 REACTIVITY AND POWER DISTRIBUTION ANOMALIES

This **section** of the DCD is incorporated with no departures and/or supplements.

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15.5 INCREASE IN REACTOR COOLANT INVENTORY

This **section** of the DCD is incorporated with no departures and/or supplements.

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15.6 DECREASE IN REACTOR COOLANT INVENTORY

This **section** of the DCD is incorporated with no departures and/or supplements.

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15.7 RADIOACTIVE RELEASE FROM A SUBSYSTEM OR COMPONENT

This section is still under development.

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15.8 ANTICIPATED TRANSIENTS WITHOUT SCRAM

This **section** of the DCD is incorporated with no departures and/or supplements.

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

This **section** of the DCD is incorporated with the following departure(s) and/or supplement(s).

15A.3.3 Atmospheric Dispersion Factors

At the end of the third paragraph add the following statement:

BLN SUP

Site-specific χ/Q values are bounded by the values given in **Table 15A-6** of the DCD and are provided in **Section 2.3**.

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

This **section** of the DCD is incorporated with no departures and/or supplements.

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