

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

15.0 ACCIDENT ANALYSES

TABLE OF CONTENTS

<u>Section</u>	<u>Title</u>	<u>Page</u>
15.0	ACCIDENT ANALYSES	15.0-1
15.1	INCREASE IN HEAT REMOVAL FROM THE PRIMARY SYSTEM .	15.1-1
15.2	DECREASE IN HEAT REMOVAL BY THE SECONDARY SYSTEM	15.2-1
15.3	DECREASE IN REACTOR COOLANT SYSTEM FLOW RATE	15.3-1
15.4	REACTIVITY AND POWER DISTRIBUTION ANOMALIES	15.4-1
15.5	INCREASE IN REACTOR COOLANT INVENTORY	15.5-1
15.6	DECREASE IN REACTOR COOLANT INVENTORY	15.6-1
15.7	RADIOACTIVE RELEASE FROM A SUBSYSTEM OR COMPONENT	15.7-1
15.8	ANTICIPATED TRANSIENTS WITHOUT SCRAM	15.8-1
APP. 15.A	EVALUATION MODELS AND PARAMETERS FOR ANALYSIS OF RADIOLOGICAL CONSEQUENCES OF ACCIDENTS	15.A-1
15A.3.3	Atmospheric Dispersion Factors.....	15.A-1
APP. 15.B	REMOVAL OF AIRBORNE ACTIVITY FROM THE CONTAINMENT ATMOSPHERE FOLLOWING A LOCA	15.B-1

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

LIST OF TABLES

<u>Number</u>	<u>Title</u>
15.0-4a	Protection and Safety Monitoring System Setpoints and Time Delays to Trip Assumed in Accident Analyses

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

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

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

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

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

15.4 REACTIVITY AND POWER DISTRIBUTION ANOMALIES

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

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

15.5 INCREASE IN REACTOR COOLANT INVENTORY

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

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

15.6 DECREASE IN REACTOR COOLANT INVENTORY

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

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

15.7 RADIOACTIVE RELEASE FROM A SUBSYSTEM OR COMPONENT

This section is still under development.

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

15.8 ANTICIPATED TRANSIENTS WITHOUT SCRAM

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

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

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

**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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