

**CHAPTER 15: ACCIDENT ANALYSES**  
**TABLE OF CONTENTS**

<b>CHAPTER 15</b>	<b>ACCIDENT ANALYSES .....</b>	<b>15.0-1</b>
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
15.7.6	COMBINED LICENSE INFORMATION .....	15.7-1
15.8	ANTICIPATED TRANSIENTS WITHOUT SCRAM .....	15.8-1
APPENDIX 15A	EVALUATION MODELS AND PARAMETERS FOR ANALYSIS OF RADIOLOGICAL CONSEQUENCES OF ACCIDENTS .....	15A-1
15A.3.3	Atmospheric Dispersion Factors .....	15A-1
APPENDIX 15B	REMOVAL OF AIRBORNE ACTIVITY FROM THE CONTAINMENT ATMOSPHERE FOLLOWING A LOCA .....	15B-1

## **CHAPTER 15 ACCIDENT ANALYSES**

### **15.0 ACCIDENT ANALYSES**

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

Turkey Point Units 6 & 7  
COL Application  
Part 2 — FSAR

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.

Turkey Point Units 6 & 7  
COL Application  
Part 2 — FSAR

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.

### 15.3 DECREASE IN REACTOR COOLANT SYSTEM FLOW RATE

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

Turkey Point Units 6 & 7  
COL Application  
Part 2 — FSAR

15.4 REACTIVITY AND POWER DISTRIBUTION ANOMALIES

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

Turkey Point Units 6 & 7  
COL Application  
Part 2 — FSAR

15.5 INCREASE IN REACTOR COOLANT INVENTORY

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

## 15.6 DECREASE IN REACTOR COOLANT INVENTORY

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

---

### 15.6.5.3.7.3 Atmospheric Dispersion Factors

---

PTN COL 2.3-4 Add the following paragraph at the end of **DCD Subsection 15.6.5.3.7.3**.

Site-specific X/Q (atmospheric dilution factor) values provided in **Subsection 2.3.4** are bounded by the values given in **DCD Table 15A-5** and **Table 15A-6**

---



## 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.

---

### 15.7.6 COMBINED LICENSE INFORMATION

---

PTN COL 15.7-1 This COL Item is addressed in **Section 2.4.13**.

---

Turkey Point Units 6 & 7  
COL Application  
Part 2 — FSAR

15.8 ANTICIPATED TRANSIENTS WITHOUT SCRAM

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

## **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.

---

### **15A.3.3 ATMOSPHERIC DISPERSION FACTORS**

---

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

PTN COL 2.3-4 Site-specific X/Q values provided in **Subsection 2.3.4** are bounded by the values given in **DCD Table 15A-5** and **Table 15A-6**.

---

## **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.