

TABLE OF CONTENTS

3148B Reserved..... 446
 3149B Reserved..... 446
 3150B Reserved..... 446
 3151B Reserved..... 446
 3152B Reserved..... 446
 3153B Reserved..... 446
 3154B Reserved..... 446
 3155B Reserved..... 446
 3156B Reserved..... 446
 3157B Reserved..... 446
 3158B Reserved..... 446
 3159B Reserved..... 446
 3160B 446
 3161B 447

CHAPTER 31C RADIATION..... 451

Section
 3101C Scope 451
 3102C Radiation Shielding Barriers..... 451
 3103C Medical Radiographic and
 Photofluorographic Installations 451
 3104C Medical Therapeutic X-ray Installations 451

CHAPTER 31D FOOD ESTABLISHMENTS 455

Section
 3101D Scope 455
 3102D Definitions 455
 3103B Building and Structures..... 455

**CHAPTER 31E TENTS AND MEMBRANE
 STRUCTURES..... 459**

Section
 3101E General Provisions..... 459
 3102E Definitions 459
 3103E Tents Having an Occupant of
 Load 10 or More 459
 3104E Location of Tents..... 459
 3105E Structural Requirements 460
 3106E Exit Requirements 460
 3107E Heating Equipment 460
 3108E Membrane (Air-supported and
 Air-inflated) Structures..... 460
 3109E Alternative Means of Protection..... 460

CHAPTER 31F MARINE OIL TERMINALS..... 465

Section
 3101F Introduction 465
 3102F Audit and Inspection..... 466
 3103F Structural Loading Criteria..... 476
 3104F Seismic Analysis and
 Structural Performance 488
 3105F Mooring and Berthing Analysis and
 Design 494
 3106F Geotechnical Hazards and Foundations 499
 3107F Structural Analysis and
 Design of Components 502
 3108F Fire Prevention, Detection and Suppression .. 514
 3109F Piping and Pipelines 518
 3110F Mechanical and Electrical Equipment 520
 3111F Electrical Systems 523

**CHAPTER 32 ENCROACHMENTS INTO THE
 PUBLIC RIGHT-OF-WAY..... 527**

Section
 3201 General..... 527
 3202 Encroachments..... 527

**CHAPTER 33 SAFEGUARDS DURING
 CONSTRUCTION..... 531**

Section
 3301 General..... 531
 3302 Construction Safeguards 531
 3303 Demolition 531
 3304 Site Work 531
 3305 Sanitary 531
 3306 Protection of Pedestrians..... 531
 3307 Protection of Adjoining Property 533
 3308 Temporary Use of Streets, Alleys and
 Public Property 533
 3309 Fire Extinguishers 533
 3310 Exits 533
 3311 Standpipes 533
 3312 Automatic Sprinkler System..... 534

CHAPTER 34 EXISTING STRUCTURES 537

Section
 3401 General..... 537
 3402 Definitions 537
 3403 Additions, Alterations or Repairs..... 537
 3404 Fire Escapes 539