APPENDIX B OF PART 415—SAFETY REVIEW DOCUMENT OUTLINE

This appendix contains the format and numbering scheme for a safety review document to be filed as part of an application for a launch license as required by subpart F of part 415. The applicable sections of parts 413, 415, and 417 of this chapter are referenced in the outline below.

SAFETY REVIEW DOCUMENT

1.0 Launch Description (§ 415.109)

1.1 Launch Site Description

1.2 Launch Vehicle Description

1.3 Payload Description

1.4 Trajectory

1.5 Staging Events

1.6 Vehicle Performance Graphs

2.0 Launch Operator Organization (§ 415.111)

2.1 Launch Operator Organization (§ 415.111 and § 417.103 of this chapter)

2.1.1 Organization Summary

2.1.3 Organization Charts

2.1.4 Office Descriptions and Safety Functions

3.0 Launch Personnel Certification Program (§ 415.113 and § 417.105 of this chapter)

3.1 Program Summary

3.2 Program Implementation Document(s)

3.3 Table of Safety Critical Tasks Performed by Certified Personnel

4.0 Flight Safety (§ 415.115)

4.1 Initial Flight Safety Analysis

4.1.1 Flight Safety Sub-Analyses, Methods, and Assumptions

4.1.2 Sample Calculation and Products

4.1.3 Launch Specific Updates and Final Flight Safety Analysis Data

4.2 Radionuclide Data (where applicable)

4.3 Flight Safety Plan

4.3.1 Flight Safety Personnel

4.3.2 Flight Safety Rules

4.3.3 Flight Safety System Summary and Preflight Tests

4.3.4 Trajectory and Debris Dispersion Data

4.3.5 Flight Hazard Areas and Safety Clear Zones

4.3.6 Support Systems and Services

4.3.7 Flight Safety Operations

4.3.8 Unguided Suborbital Launch Vehicles (where applicable)

4.4 Flight Safety System Design and Operation Data (§ 415.127)

4.4.1 Flight Safety System Description

4.4.2 Flight Safety System Diagram

4.4.3 Flight Safety System Subsystem Design Information

4.4.4 Flight Safety System Analyses

4.4.5 Flight Termination System Environmental Design

4.4.6 Flight Safety System Compliance Matrix

4.4.7 Flight Termination System Installation Procedures

4.4.8 Tracking System Validation Procedures

4.4.9 Flight Safety System Crew Data (§ 415.131)

4.4.10 Position Descriptions

4.4.12 Certification and Training Program Description

4.4.13 Safety at End of Launch (§ 415.133)


PART 417—LAUNCH SAFETY

Subpart A—General and License Terms and Conditions

Sec. 417.1 General Information.

417.2 Definitions and acronyms.

417.5 Public safety responsibility.

417.9 Launch site responsibility.

417.11 Continuing accuracy of license application; application for modification of license.