

Contents

	Page
1. Scope	7
2. Definitions	7
3. Design Basis	7
4. Requirements	8
4.1 General Functional Requirement	8
4.2 Single Failure Criterion	8
4.3 Quality of Components and Modules	8
4.4 Equipment Qualification	8
4.5 Channel Integrity	8
4.6 Channel Independence	8
4.7 Control and Protection System Interaction	9
4.8 Derivation of System Inputs	9
4.9 Capability for Sensor Checks	9
4.10 Capability for Test and Calibration	9
4.11 Channel Bypass or Removal from Operation	10
4.12 Operating Bypasses	10
4.13 Indication of Bypasses	10
4.14 Access to Means for Bypassing	10
4.15 Multiple Set Points	10
4.16 Completion of Protective Action Once It Is Initiated	10
4.17 Manual Initiation	10
4.18 Access to Set Point Adjustments, Calibration, and Test Points	10
4.19 Identification of Protective Actions	10
4.20 Information Read-Out	10
4.21 System Repair	10
4.22 Identification	10