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COMPUSEC CRITICAL SYSTEMS: SAFEGUARDS APPLICABILITY

<u>SAFEGUARD</u>	<u>APPLICABILITY</u>	<u>DOABLE WITH FY 85 MONEY</u>	<u>TECH. FEASIBLE BY FY 90</u>
Safeguard 1: Mandatory Access Control	7	3	3
Safeguard 2: Discretionary Access Control	10	7	8
Safeguard 3: Object Reuse	9	4	9
Safeguard 4: Labels	7	3	4
Safeguard 5: Label Integrity	7	3	4
Safeguard 6: Exportation of Labeled Information	7	3	4
Safeguard 7: Exportation to Multilevel Devices	7	3	4
Safeguard 8: Exportation to Single-Level Devices	6	2	3
Safeguard 9: Labeling Human-Readable Output	8	3	3
Safeguard 10: Subject Sensitivity Levels	5	2	2
Safeguard 11: Device Levels	7	3	3
Safeguard 12: Identification and Authentication	9	3	3
Safeguard 13: Trusted Path	10	3	3
Safeguard 14: Audit	11	3	3
Safeguard 15: System Architecture	7	0	0
Safeguard 16: System Integrity	11	4	2
Safeguard 17: Covert Channel Analysis	10	1	1
Safeguard 18: Trusted Facility Management	8	3	3
Safeguard 19: Security Testing	10	7	7
Safeguard 20: Design Specification	8	2	2
Safeguard 21: Configuration Management	11	3	3

**Numbers represent the total of 11 Critical Systems

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Safeguard 22: System Security Plan	11	11	11
Safeguard 23: External Marking of Removable Storage Media	11	11	11
Safeguard 24: Intelligent Terminals and Personal Computers	11	11	11
Safeguard 25: Clearance of Maintenance Personnel	11	6	6
Safeguard 26: Annual Accreditation Requirement	11	11	11
Safeguard 27: Accreditation Authority for Automated Message Processing Systems	7	7	7
Safeguard 28: Accreditation of Automated Message Handling Systems	7	7	7
Safeguard 29: Accreditation Recording	11	11	11
Safeguard 30: Control Mechanisms in Automated Message Handling Systems	5	3	4
Safeguard 31: Automated Message Handling System Auditing Capabilities	5	3	4
Safeguard 32: Prohibition on Use of Unencrypted and Dial-up Lines	11	10	10
Safeguard 33: Protection of Security-Related Software	11	3	3
Safeguard 34: Separation of Duties	10	10	10
Safeguard 35: Access Authorization Approvals	11	10	10
Safeguard 36: Awareness of and Compliance with Appropriate Security Policies (including training)	11	11	10
Safeguard 37: Two Independent Access Authorization Mechanisms	4	3	3
Safeguard 38: Physical Security	11	11	11
Safeguard 39: Personnel Security	11	10	10
Safeguard 40: TEMPEST	11	10	10
Safeguard 41: COMPUSEC	11	11	11