Policy 1, "Generation Control and Performance"

Policy 1 "Generation Control and Performance"	*Requirement*	*Standard Development Process – Requirement Addressed by SAR, new Standard, or by NAESB*	*Requirement Status/Comment*
A. Control Performance Standard (CPS)	Area Control Error (ACE) Equation	Balance Resource and Demand Standard	
	Control Performance Standard (CPS1)	Balance Resources and Demand Standard	
	Control Performance Standard (CPS2)	Balance Resources and Demand Standard	
	Supplemental Regulation Service		To Be Determined
	Dynamic Transfer		To Be Determined
	Overlap Regulation Service		To Be Determined
B. Disturbance Control Standard (DCS)	Disturbance Control Standard (DCS)	Balance Resources and Demand Standard	
	Contingency Reserves		To Be Determined
	Reportable Disturbances	Balance Resources and Demand Standard	
	Resource Capacity		To Be Determined
	Contingency Reserves Accounting		To Be Determined
	Operating Reserves – Spinning		To Be Determined
	Operating Reserves – Supplemental		To Be Determined
	Reserve Sharing Groups	Balance Resources and Demand Standard	Language does not specify RSGs nor prohibits BAs from participating in them
	Most Severe Single Contingency		To Be Determined
	Disturbance Recovery Criterion	Balance Resources and Demand Standard	
	Disturbance Recovery Period	Balance Resources and Demand Standard	
	Restoration of Reserves		To Be Determined
C. Frequency Response and Bias Standard	Frequency Bias Setting - Fixed Bias Setting - Variable Bias Setting - Minimum Bias Setting	Balance Resources and Demand Standard	
	Bias and Overlap Regulation		To Be Determined
	Dynamic Schedule		To Be Determined
	Pseudo-ties		To Be Determined

Policy 1 "Generation Control and Performance"	***Requirement***	***Standard Development Process – Requirement Addressed by SAR, new Standard, or by NAESB***	***Requirement Status/Comment***
	Governors - Governor Installation - Governor Droop - Governor Limits		To Be Determined
D. Time Control Standard	Interconnection frequency is normally scheduled at 60.0 Hz and controlled to that value	Balance Resources and Demand Standard	
	Interconnection Time Error Correction		To Be Determined
	Interconnection Time Monitor		To Be Determined
	Time Error Correction Off-set - Frequency Offset - Schedule Offset		To Be Determined
E. Automatic Generation Control Standard	Automatic Generation Control (AGC) automatically directs the loading of Regulating Reserve - AGC limits ACE variation to CPS bounds		To Be Determined
	Regulating Reserve Requirements - Equipment Requirements - Failure Notification - Backup Plans		To Be Determined
	Dynamic Schedules		To Be Determined
	Interchange Ramps		To Be Determined
	Actual Net Interchange - Tie Flows - Tie-line Metering - Data Filtering - Metering for Jointly Owned Generation		To Be Determined
	Verification of Tie Flows		To Be Determined
	Data Recording and Display		To Be Determined
	Data Quality		To Be Determined
	Data Retention		To Be Determined
	Calibration of Measurement Devices		To Be Determined
F. Inadvertent Interchange Standard	Inadvertent Interchange provides a measure of non-scheduled Interchange and bilaterally scheduled inadvertent payback	North American Energy Standards Board (NAESB), Inadvertent Interchange Payback Task Force (IIPTF)	
	Inadvertent Interchange Calculation	NAESB IIPTF	

Policy 1 "Generation Control and Performance"	***Requirement***	***Standard Development Process – Requirement Addressed by SAR, new Standard, or by NAESB***	***Requirement Status/Comment***
	Inadvertent Interchange Accounting	NAESB IIPTF	NAESB will eventually have the accounting responsibility. The transition Inadvertent accounting needs to be determined.
	Inadvertent Interchange Summary	NAESB IIPTF	
	Inadvertent Interchange Dispute Resolution	NAESB IIPTF	
G. Surveys Standards	Area Interchange Error (AIE) Survey - On Request		To Be Determined
	Frequency Response Characteristic (FRC) Survey - On Request		To Be Determined
	Control Performance Standard (CPS) Surveys - Ongoing, on a regular basis	Balance Resources and Demand Standard	
	Disturbance Control Standard (DCS) Surveys - Ongoing, on a regular basis	Balance Resources and Demand Standard	
	Inadvertent Interchange Summary Survey - Ongoing, on a regular basis	NAESB IIPTF	NAESB will eventually have the accounting responsibility. The transition Inadvertent accounting needs to be determined.
Appendix 1A. The Area Control Error (ACE) Equation	ACE Equation	Balance Resources and Demand Standard	
	Jointly Owned Units - Pseudo-Ties - Dynamic Schedules		To Be Determined
	Supplemental Regulating Service		To Be Determined
Appendix 1D. Time Error Correction Procedures	Time Error Correction (TEC) Specifications for "Fast" and "Slow" Adjustments		To Be Determined
Appendix 1F. Inadvertent	Inadvertent Dispute Resolution	NAESB IIPTF	
	Error Adjustment Resolution	NAESB IIPTF	

Policy 1 "Generation Control and Performance"	***Requirement***	***Standard Development Process – Requirement Addressed by SAR, new Standard, or by NAESB***	***Requirement Status/Comment***
Interchange Dispute Resolution Process, Error Adjustment Procedures, and On- and Off-Peak Periods	On- and Off-Peak Periods - Monday through Sunday - Daily On-Peak Hours - Daylight Savings Time Adjustments - Holiday Determination	NAESB IIPTF	
Appendix 1H. Minimum Data Collection Requirements for Use in Monitoring NERC Performance Standards	Minimum data collection requirements for use in monitoring NERC Performance Stndards		To Be Determined
	Required Data Records - ACE - Frequency - Net Tie Deviation from Schedule - Net Interchange - Frequency Bias (for those systems with Var Bias)	Balance Resources and Demand Standard	
	Recording Chart Speed and Width		To Be Determined
	Digital Collection		To Be Determined
	Range for ACE Chart Recorder		To Be Determined
	Range for Frequency Chart Recorder (3 Interchanges)		To Be Determined
	Range for Net Tie Deviation from Schedule Recorder		To Be Determined
	Range for Net Interchange Recorder		To Be Determined
	Measure Accuracy		To Be Determined
	Data Retention		To Be Determined

Policy 2, "Transmission"

Policy 2, "Transmission"	*Requirement*	*Standard Development Process – Requirement Addressed by SAR, new Standard, or by NAESB*	*Requirement Status/Comment*
2.A.	Transmission Operations		
2.A.1. – Standard	Single Contingency Requirement	Determine Facility Ratings, Operating Limits, and Transfer Capabilities (Determine Facility Ratings) Operate Within Interconnection Reliability Operating Limits (Operate Within IROLs)	
2.A.1.1. – Standard	Multiple Contingencies	Determine Facility Ratings, Operate Within IROLs address single contingencies	There is a disconnect between the Determine Facilities Ratings Standard and current Policy 2 "multiple outages."
2.A.1.2. – Standard	Operating Security Limits	Operate Within IROLs	OSLs are IROLs
2.A.2. – Standard	Return from OSL within 30 minutes	Operate Within IROLs	Tv must be coordinated between RAs
2.,A.2.1. – Standard	Report OSL Non-Compliance within 72 hours	Determine Facility Ratings, Operate Within IROLs	OLVR shall be filed within 5 business days of initiation of event
2.A.2.2. – Standard	OSL Report Format (Appendix 5F Form)	Operate Within IROLs	IROL Report Form – will be a Compliance Report Form
2.A.	Requirements		
2.A.1. – Requirement	Policies Dealing with Transmission Security • Equipment ratings • Monitoring and controlling voltage levels and real and reactive power flows • Switching transmission elements • Planned outages of transmission elements • Development of OSLs • Responding to OSL violations	Determine Facility Ratings, Operate Within IROLs	Assume OSL is the new IROL "Monitoring and controlling voltage levels and real and reactive power flows" needs to be evaluated – possibly is located within Certification Standard or Coordinate Operations Standard – Standard is necessary Other Bullets appear to be addressed
1.A.1.1. – Req	Restoring Transmission Security	Operate Within IROLs	207 RAs to have documented action plans 208 TOP, BA, IA required to follow RA directives

Policy 2, "Transmission"	***Requirement***	***Standard Development Process – Requirement Addressed by SAR, new Standard, or by NAESB***	***Requirement Status/Comment***
1.A.1.2. – Req	Control Areas Actions to stay within OSLs	Determine Facility Ratings, Operate Within IROLs	CAs to take action instructed by RAs
1.A.2. – Req	Establishing of Reliability Coordinators		Not Needed in Standards
1.A.2.1. – Req	Transmission Operators Shall Support Reliability Coordinators		Not Needed in Standards
1.A.3. – Req	Planned Transmission Outages Shall be Coordinated	Coordinated Operationsu	**TJV to review SARs for reference – planned transmission outages need to be captured**
2.B.	Voltage and Reactive Control	To Be Determined	**SAR is Needed for Section B, Voltage and Reactive Control** Reactive Resources, Field Stability, Monitoring, Communications, Etc. TJV - Review SARs and Standards for reference and possibly generate a Voltage and Reactive Control SAR
2.B.1. – Requirement	Each Control Area Shall Monitor and Control Voltage and MVAR (Reactive Control) Flows	RA Certification, TOP Certification	TJV Review – needs to be captured
2.B.2. – Req	Each Control Area Shall Supply Reactive Resources	To Be Determined	"Monitoring and controlling voltage levels and real and reactive power flows" needs to be evaluated – possibly is located within Certification Standard or Coordinate Operations Standard – Standard is necessary
2.B.2.1. – Req	Each Purchasing-Selling Entity shall Provide for Its Reactive Requirements		Recommend PSE requirement be submitted to NAESB for evaluation
2.B.3. – Req	Control Areas Shall Operate Its Reactive Resources to Maintain Voltages within Its Established Limits	RA and TOP Certification	"Monitoring and controlling voltage levels and real and reactive power flows" needs to be evaluated – possibly is located within Certification Standard or Coordinate Operations Standard – Standard is

Policy 2, "Transmission"	*Requirement*	*Standard Development Process – Requirement Addressed by SAR, new Standard, or by NAESB*	*Requirement Status/Comment*
			necessary
2.B.3.1. – Req	Actions to Maintain Voltage Levels	RA and TOP Certification	
2.B. 3.2. – Req	Control Areas Shall Maintain Reactive Resources Under First Contingency Conditions	RA and TOP Certification	
2.B.3.2.1. – Req	Location of Reactive Resources	RA and TOP Certification	
2.B.3.2.2. – Req	Restoration of OSL Reactive Resources Violation	Determine Facility Ratings, Operate Within IROLs	
2.B.3.3. – Req	Field Excitation Shall be Maintained	To Be Determined	**SAR is needed for Section B. Voltage and Reactive Control** See Above
2.B.4. – Req	System Operators Shall be Provided All Reactive Power Resources	To Be determined	**SAR needed** TJV to review existing SARs and draft standards
2.B.5. – Req	System Operators Shall Prevent Voltage Collapse	Operate Within IROL	
2.B.6. – Req	System Operators Shall Direct the Use of Voltage and Reactive Devices	Operate Within IROL	
2.B.	Guides		All Guides will probably be incorporated into a standard. Since these are guides and not requirements – no action necessary.
2.B.1. – Guide	Keeping Transmission Lines in Service		
2.B.2. – Guide	Keeping Transmission Line Voltages and Reactive Control Devices in Service		
2.B.3. – Guide	Transmission Line Switch-able Voltage and Reactive Flow Devices		
2.B.4. – Guide	DC Transmission Lines Voltage and Reactive Control		
2.B.5. – Guide	Reactive Resources Capability Testing		

Policy 4, “System Coordination”

Policy 4, “ System Coordination”	*Requirement*	*Standard Development Process – Requirement Addressed by SAR, new Standard, or by NAESB*	*Requirement Status/Comment*
A. Monitoring System Conditions	Monitoring of generation and transmission resources	Operate Within Interconnected Reliability Operating Limits Standard	
	Monitoring transmission status and data	Operate Within Interconnected Reliability Operating Limits Standard	
	Availability of technical information related to protective relays to system operators	Design, Install, and Coordinate Control and Protection Systems SAR	
	Availability of other “system” data (e.g. weather forecasts, daily system loads) to system operators		Organizational Certification?
	Monitoring equipment shall be used to bring to the system operator’s attention important deviations in operating conditions.		To Be Determined
	System operators shall monitor system frequency.	Balance Resources and Demand Standard	
B. Operational Security Information	Use of Electric System Security Data	Business Practice	
	Data Confidentiality, Appendix 4B, NERC Confidentiality Agreement for Electric System Security Data	Business Practice	
	Control Areas shall provide it Reliability Coordinator (RC) data that is necessary to allow the RC to perform its operational security assessments and coordinate reliable operations.	Operate Within Interconnected Reliability Operating Limits Standard, Facility Ratings, Operating Limits, and Transfer Capabilities Standard	
	Data exchange among RCs	Operate Within Interconnected Reliability Operating Limits Standard, and Coordinate Operations Standard	
	Data exchange among Control Areas	Operate Within Interconnected Reliability Operating Limits Standard	
	Information from Purchasing-Selling Entities	Coordinate Interchange Standard, Balancing Resources and Demand Standard	
C. Maintenance Coordination	Scheduled generator and transmission outages shall be planned and coordinated	Coordinate Operations Standard, Facility Ratings, Operating Limits, and Transfer Capabilities Standard	

Policy 4, " System Coordination"	*Requirement*	*Standard Development Process – Requirement Addressed by SAR, new Standard, or by NAESB*	*Requirement Status/Comment*
	Scheduled outages of voltage regulation equipment shall be coordinated.	Design, Install, and Coordinate Control and Protection Systems SAR	
	Scheduled outages of telemetering and control equipment and associated communication shall be coordinated between affected areas.	Coordinate Operations Standard	
D. System Protection Coordination	System operators shall be familiar with the purpose and limitations of protection system schemes	Design, Install, and Coordinate Control and Protection Systems SAR?	
	Notification of failure and corrective action	Design, Install, and Coordinate Control and Protection Systems SAR	
	Coordination when new or changed	Design, Install, and Coordinate Control and Protection Systems SAR	
	Coordination with the interconnected systems	Design, Install, and Coordinate Control and Protection Systems SAR	
	Notification of system changes	Design, Install, and Coordinate Control and Protection Systems SAR	
	Monitoring of Special Protection Systems	Design, Install, and Coordinate Control and Protection Systems SAR	
Appendix 4B – Electric System Security Data	Electric System Security Data	Operate Within Interconnected Reliability Operating Limits Standard, Facility Ratings, Operating Limits, and Transfer Capabilities Standard	
	Confidentiality Agreement for Electric System Security Data	Business Practice or Organizational Certification	

Policy 5, "Emergency Operations"

Policy 5, "Emergency Operations"	*Requirement*	*Standard Development Process – Requirement Addressed by SAR, new Standard, or by NAESB*	*Requirement Status/Comment*
A. Coordination with Other Systems	Notifying other systems when experiencing or anticipating an operating emergency	Prepare for and Respond to Abnormal or Emergency Conditions SAR	
	Hotline Use	Prepare for and Respond to Abnormal or Emergency Conditions SAR	
B. Insufficient Generating Capacity	Returning ACE to acceptable levels	Balance Resources and Demand Standard, Prepare for and Respond to Abnormal or Emergency Conditions SAR	
	Elevating Transmission Service Priority	Business Practice	
	Declaring Energy Emergency Alert	Prepare for and Respond to Abnormal or Emergency Conditions SAR	
	Emergency Action	Prepare for and Respond to Abnormal or Emergency Conditions SAR	
	Unilateral Action	Prepare for and Respond to Abnormal or Emergency Conditions SAR	
C. Transmission System Relief	Relieving Security Limit Violations	RA Certification, Operate Within Interconnected Reliability Operating Limits Standard	
	Operator Authority and Responsibility	RA Certification, Operate Within Interconnected Reliability Operating Limits Standard	
	Security Violation Assessment	Operate Within Interconnected Reliability Operating Limits Standard	
	Transmission Service and Energy Schedule Prioritization	Business Practice	
D. Separation from the Interconnection	No specific Operating Policy requirements, but covered in the Planning Standards	Prepare for and Respond to Abnormal or Emergency Conditions SAR	
E. System Restoration	Returning to Normal Operations	Prepare for and Respond to Abnormal or Emergency Conditions SAR	
F. Disturbance Reporting	Regional Council Reporting Procedures	Monitor and Analyze Disturbances, Events and Conditions SAR	

Policy 5, "Emergency Operations"	*Requirement*	*Standard Development Process – Requirement Addressed by SAR, new Standard, or by NAESB*	*Requirement Status/Comment*
	Analyzing Disturbances	Monitor and Analyze Disturbances, Events and Conditions SAR	
	Disturbance Reports	Monitor and Analyze Disturbances, Events and Conditions SAR	
	Notifying NERC	Monitor and Analyze Disturbances, Events and Conditions SAR	
	Notifying DOE	Monitor and Analyze Disturbances, Events and Conditions SAR	
	Assistance from NERC OC and Disturbance Analysis Working Group	Monitor and Analyze Disturbances, Events and Conditions SAR	
	Final Report Recommendations	Monitor and Analyze Disturbances, Events and Conditions SAR	
G. Sabotage Reporting	Recognizing Sabotage	Partially covered by Cyber Security Standard	
	Reporting Guidelines	Partially covered by Cyber Security Standard	
	Contact with FBI and RCMP	Partially covered by Cyber Security Standard	
Appendix 5F – Reporting Requirements for Major Electric System Emergencies	NERC Disturbance Reporting Requirements	Monitor and Analyze Disturbances, Events and Conditions SAR	
	NERC Preliminary Disturbance Report	Monitor and Analyze Disturbances, Events and Conditions SAR	
	U.S. Department of Energy Disturbance Reporting Requirements	Monitor and Analyze Disturbances, Events and Conditions SAR	

Policy 6, "Operations Planning"

Policy 6, "Operations Planning"	*Requirement*	*Standard Development Process – Requirement Addressed by SAR, new Standard, or by NAESB*	*Requirement Status/Comment*
A. Normal Operations	Planning to Meet Loads	Assess Transmission Future Needs and Develop Transmission Plans SAR	
	System Studies	Assess Transmission Future Needs and Develop Transmission Plans SAR, Facility Ratings, Operating Limits, and Transfer Capabilities Standard, Facilities Ratings Standard, Operate Within Interconnected Reliability Operating Limits Standard	
	Studies of Limits and Procedures	Assess Transmission Future Needs and Develop Transmission Plans SAR, Facility Ratings, Operating Limits, and Transfer Capabilities Standard, Operate Within Interconnected Reliability Operating Limits Standard	
B. Emergency Operations	Agreements for Emergency Assistance	Organizational Certification, Business Practice	
	Ability to Execute Procedures	Organizational Certification, Prepare for and Respond to Abnormal or Emergency Conditions SAR	
	Authority to Shed Load	Organizational Certification, Prepare for and Respond to Abnormal or Emergency Conditions SAR	
C. Automatic Load Shedding	Plans for Automatic Load Shedding	Prepare for and Respond to Abnormal or Emergency Conditions SAR	
D. System Restoration	Restoration Plan	Prepare for and Respond to Blackout or Island Conditions SAR	
E. Control Center Backup	No Operating Policy requirements specified.	Organizational Certification	

Policy 7, “Telecommunications”

Policy7, “Telecommunications”	*Requirement*	*Standard Development Process – Requirement Addressed by SAR, new Standard, or by NAESB*	*Requirement Status/Comment*
A. Facilities	Reliable and Secure Telecommunications Networks	Organizational Certification?	
	Interregional Security Network		To Be Determined
	Reliability of Telecommunications Facilities		To Be Determined
B. System Operator Telecommunications Procedures	Telecommunications Coordination		To Be Determined
	English Language Standard		To Be Determined
C. Loss of Telecommunications	Written Instructions		To Be Determined
D. Security	NERCnet Security	Cyber Security Standard?	
Appendix 7A – Regional and Interregional Telecommunications	NERC Hotline		To Be Determined
	NERCnet		To Be Determined

Policy 9, "Reliability Coordinator Procedures"

Policy 9, "Reliability Coordinator Procedures"	*Requirement*	*Standard Development Process – Requirement Addressed by SAR, new Standard, or by NAESB*	*Requirement Status/Comment*
A. Next Day Operations Planning Process	Perform Security Analysis	Coordinate Operations Standard, Facility Ratings, Operating Limits, and Transfer Capabilities Standard, Operate Within Interconnected Reliability Operating Limits Standard	
	Study Results	Coordinate Operations Standard, Facility Ratings, Operating Limits, and Transfer Capabilities Standard	
	Reliability Communication or results of Reliability Analysis	Coordinate Operations Standard, Facility Ratings, Operating Limits, and Transfer Capabilities Standard	
	Special Operating Procedures	Prepare for and Respond to Abnormal or Emergency Conditions SAR, Facility Ratings, Operating Limits, and Transfer Capabilities Standard	
B. Current Day Operations -- Energy	Control Area Generation Availability Analysis		To Be Determined
	Authority to Provide Emergency Assistance	RA Certification	
	Notification of Energy Emergency Alert	Coordinate Operations Standard	
	Interconnection Frequency Error	Balance Resources and Demand Standard	
C. Current Day Operations -- Transmission	Interchange Transaction Information	Coordinate Interchange Transactions Standard	
	Notify Reliability Coordinators of Potential Problems	Prepare for and Respond to Abnormal or Emergency Conditions SAR, Coordinate Operations Standard	
	Implementing Relief Procedures	Prepare for and Respond to Abnormal or Emergency Conditions SAR, Coordinate Operations Standard	
	Implementing Emergency Procedures	Prepare for and Respond to Abnormal or Emergency Conditions SAR, RA Certification, Coordinate Operations Standard	

Policy 9, "Reliability Coordinator Procedures"	*Requirement*	*Standard Development Process – Requirement Addressed by SAR, new Standard, or by NAESB*	*Requirement Status/Comment*
	Reestablishing Interchange Transactions	Coordinate Interchange Transactions Standard	
Appendix 9B – Energy Emergency Alerts	General Requirements	Prepare for and Respond to Abnormal or Emergency Conditions SAR	
	Energy Emergency Alert Levels	Prepare for and Respond to Abnormal or Emergency Conditions SAR	
	Energy Emergency Alert 3 Report	Prepare for and Respond to Abnormal or Emergency Conditions SAR	
Appendix 9C1 – Transmission Loading Relief Procedure – Eastern Interconnection	General Requirements		To be determined or business practice
	Transmission Loading Relief (TLR) Levels		To be determined or business practice
	Interchange Transaction Curtailment Order		To be determined or business practice
	Transaction Management and Curtailment Process		To be determined or business practice
	Principles for Mitigating Constraints On and Off the Contract Path		To be determined or business practice
	Transaction Contribution Factor Calculation		To be determined or business practice
	Transaction Curtailment Formula		To be determined or business practice
	NERC Transmission Loading Relief Procedure Event Log		To be determined or business practice
Appendix 9C1B – Interchange Transaction Reallocation During TLR Levels 3a and 5a	Basic Principles		To be determined or business practice
	Communications and Timing Requirements		To be determined or business practice
	How the IDC Handles Reallocation		To be determined or business practice
	Attachment A – Summary of IDC and E-Tag Features that Support Reallocation		To be determined or business practice
	Attachment B – Timing Requirements		To be determined or business practice
Appendix 9C1C – Interchange Transaction	Basic Principles		To be determined or business practice

Policy 9, "Reliability Coordinator Procedures"	***Requirement***	***Standard Development Process – Requirement Addressed by SAR, new Standard, or by NAESB***	***Requirement Status/Comment***
Curtailments During TLR Level 3b	Considerations for Interchange Transactions using Firm Point-to-Point Transmission Service		To be determined or business practice
Appendix 9C2 – WECC Unscheduled Flow Reduction Procedure	Transfer Path Qualification		To be determined or business practice
	Transfer Path Re-qualification		To be determined or business practice
	Transfer Path Deletion		To be determined or business practice
	Actions Required Following Addition of a New Qualified Transfer Path		To be determined or business practice
	Controllable Device Qualification		To be determined or business practice
	Controllable Device Deletion		To be determined or business practice
	Accommodation Limits		To be determined or business practice
	General Terms		To be determined or business practice
	General Action Rules		To be determined or business practice
	Action Steps		To be determined or business practice
	Further Action		To be determined or business practice
	Term		To be determined or business practice
Appendix 9C3 – ERCOT Operating Guide III, Operation to Maintain Transmission System Security	Significant Transmission Overload		To be determined or business practice
	Violation of "First Contingency" Criteria		To be determined or business practice
	Violation of Voltage/Reactive Criteria		To be determined or business practice
Appendix 9D – Reliability Coordinator Criteria and Functions	Criteria for Reliability Coordinators	RA Certification	
	Functions of Reliability Coordinators	RA Certification	