SECTION 3 – GUIDE TO DEVELOPING A SOFTWARE LIFE CYCLE PROCESS

A. The software life cycle process

The process and information described in this section is based on IEEE #1074-1997 – Standards for Developing Life Cycle Processes.

When there is an identified need to begin an application development or maintenance effort, a framework for conducting the effort must be defined. The development and establishment of this framework is the focus and purpose of IEEE #1074-1997. This framework – specifically called Software Life Cycle Process or SLCP – is based on a model, mapped to mandatory activities, and customized to fit the specific project needs.

IEEE strictly uses the following terminology:

SLCM – Software Life Cycle Model, the basic framework used by an organization to derive an SLCP. In DENR, these models are either the full-scale life cycle method, small project method, or the RAD method described in Sections 4, 5 and 6 respectively.

SLC – Software Life Cycle, the project-specific sequence of activities that results from mapping the mandatory IEEE activities against the requirements of the organizational SLCM, and ordering them in an executable sequence.

OPA – Organizational Process Asset, an artifact that defines some portion of an organization's software project environment. Examples of DENR or statewide OPA's include a Project Management Methodology, Convenience Contract and RFP Process, and the IRMC Project Certification Policy and Procedure.

SLCP – Software Life Cycle Process, the final product of this exercise. It is the result of combining the SLC, OPA's, and project planning information to produce a project-specific development framework.

In order to be considered in compliance with the IEEE standard, a project must perform all the mandatory activities defined in the standard. IEEE 1074-1997 has 65 activities – 59 of which are mandatory and 6 have to be performed if applicable. The activities encompass the total software life cycle - pre-development, development, and post-development – as well as the project management processes and integral processes needed to support the development effort.

This section describes 2 approaches that may be taken in implementing the standard:

- Sub-section B describes the process flow should an SLCP be developed from scratch. It is to be used if the small project or RAD method is selected as the SLCM for the development project and there is a need to ensure or demonstrate compliance with the IEEE standard (eg., the project is an IRMC project).

- The 2nd approach described in sub-section C begins with a generic DENR SLC into which the project manager must combine current OPA's and project-specific information. The generic DENR SLC was derived by mapping the IEEE activities to the full-scale life cycle model described in Section 4.

B. Process Flow 1 – From the Beginning

<u>B1. Steps to develop an SLCP</u>

Step	Description	Inputs	Outputs	Resources	Notes
1	Select the SLCM	DENR System Development Methodology	Selected SLCM	Project Manager, SDT Manager	See B.2
2	Map IEEE 1074-1997 Activities against the Selected SLCM	Selected SLCM, IEEE Std. 1074-1997	SLCM-IEEE Matrix of mapped activities	Project Manager	
3	Develop and justify list of activities not used	SLCM-IEEE Matrix, IEEE Std 1074-1997 (mandatory activities)	List of Activities Not Used	Project Manager	See B.3
4	List each IEEE activity and invocation of an activity for all stages of the Selected SLCM	SLCM-IEEE Matrix	List of Activities Used (SLC)	Project Manager	See B.3
5	Place activities in executable sequence	List of Activities Used	Sequenced List of Activities (SLC)	Project Manager	
6	Verify information flow across the sequence	Sequenced List of Activities, Input-Output information from IEEE-Std 1074-1997	Adjusted List of Activities (SLC)	Project Manager	
7	Map information into deliverables	Adjusted List of activities, SLCM deliverable requirements	List of Activities with Mapped deliverables (SLC)	Project Manager	See C.3
8	Add organizational process assets (OPA's)	OPA's	Initial Project SLCP	Project Manager	See B.4
9	Add project planning information	Project-specific activities	Final SLCP		

B.2 DENR Software Life Cycle Models

DENR projects choose among the following development models:

- Full-scale development methodology for large projects
- Small project method
- RAD method

Regardless of the model chosen, and if IEEE compliance is required, mapping of the IEEE activities to the chosen model is required.

B.3 List of IEEE 1074-1997 Activities

Doc. Std. Section	Activity Group / Activities
A.1	**Project Management Activity Groups**
A.1.1	**Project Initiation Activities**
A.1.1.1	Create SLCP
A.1.1.2	Perform Estimations
A.1.1.3	Allocate Project Resources
A.1.1.4	Define Metrics
A.1.2	**Project Planning Activities**
A.1.2.1	Plan Evaluations
A.1.2.2	Plan Configuration Management
A.1.2.3	Plan System Transition (If Applicable)
A.1.2.4	Plan Installation
A.1.2.5	Plan Documentation
A.1.2.6	Plan Training
A.1.2.7	Plan Project Management
A.1.2.8	Plan Integration
A.1.3	**Project Monitoring and Control Activities**
A.1.3.1	Manage Risks
A.1.3.2	Manage the Project
A.1.3.3	Identify SLCP Improvement Needs
A.1.3.4	Retain Records
A.1.3.5	Collect and Analyze Metric Data

Doc. Std. Section	Activity Group / Activities
A.2	**Pre-Development Activity Groups**
A.2.1	**Concept Exploration Activities**
A.2.1.1	Identify Ideas or Needs
A.2.1.2	Formulate Potential Approaches
A.2.1.3	Conduct Feasibility Studies
A.2.1.4	Refine and Finalize the Idea or Need
A.2.2	**System Allocation Activities**
A.2.2.1	Analyze Functions
A.2.2.2	Develop System Architecture
A.2.2.3	Decompose System Requirements
A.2.3	**Software Importation Activities**
A.2.3.1	Identify Imported Software Requirements
A.2.3.2	Evaluate Software Import Sources (If Applicable)
A.2.3.3	Define Software Import Method (If Applicable)
A.2.3.4	Import Software (If Applicable)

Doc. Std. Section	Activity Group / Activities
A.3	**Development Activity Groups**
A.3.1	**Requirements Activities**
A.3.1.1	Define and Develop Software Requirements
A.3.1.2	Define Interface Requirements
A.3.1.3	Prioritize and Integrate Software Requirements
A.3.2	**Design Activities**
A.3.2.1	Perform Architectural Design
A.3.2.2	Design Data Base (If applicable)
A.3.2.3	Design Interfaces
A.2.3.4	Perform Detailed Design
A.3.3	**Implementation Activities**
A.3.3.1	Create Executable Code
A.3.3.2	Create Operating Documentation
A.3.3.3	Perform Integration

Doc. Std. Section	Activity Group / Activities
A.4	**Post-Development Activity Groups**
A.4.1	**Installation Activities**
A.4.1.1	Distribute Software
A.4.1.2	Install Software
A.4.1.3	Accept Software in Operational Environment
A.4.2	**Operation and Support Activities**
A.4.2.1	Operate the System
A.4.2.2	Provide Technical Assistance and Consulting
A.4.2.3	Maintain Support Request Log
A.4.3	**Maintenance Activities**
A.4.3.1	Identify Software Improvement Needs
A.4.3.2	Implement Problem Reporting Method
A.4.3.3	Reapply SLC
A.4.4	**Retirement Activities**
A.4.4.1	Notify User
A.4.4.2	Conduct Parallel Operations (If Applicable)
A.4.4.3	Retire System

Doc. Std. Section	Activity Group / Activities
A.5	**Integral Activity Groups**
A.5.1	**Evaluation Activities**
A.5.1.1	Conduct Reviews
A.5.1.2	Create Traceability Matrix
A.5.1.3	Conduct Audits
A.5.1.4	Develop Test Procedures
A.5.1.5	Create Test Data
A.5.1.6	Execute Tests
A.5.1.7	Report Evaluation Results
A.5.2	**Software Configuration Management Activities**
A.5.2.1	Develop Configuration Identification
A.5.2.2	Perform Configuration Control
A.5.2.3	Perform Status Accounting
A.5.3	**Documentation Development Activities**
A.5.3.1	Implement Documentation
A.5.3.2	Produce and Distribute Documentation
A.5.4	**Training Activities**
A.5.4.1	Develop Training Materials
A.5.4.2	Validate the Training Program
A.5.4.3	Implement the Training Program

B.4 OPA's

Current Organizational Process Assets that, if applicable, may be embedded into the SLC include but are not limited to:

- The DENR Project Tool Selection Process (under development)
- DENR Project Management Toolkit
- Statewide RFP/Convenience Contract Procedures
- The IRM Risk Assessment Process
- The IRMC Project Certification Process
- The IRMC Independent QA Review Procedure
- The IRMC Monthly Status Reporting Procedure
- The IRMC Standard and Procedure for Estimating Costs and Delivery Dates

For those projects that are considered to be under the IRMC purview, a complete and up to date list of mandatory processes can be found in the IRMC website. See the Appendix for the website addresses.

C. Process Flow 2 – Using the Generic DENR SLC

C.1 Steps to develop an SLCP from the Generic SLC

Step	Description	Inputs	Outputs	Resources	Notes
1	Review and customize generic SLC for applicability to the project	Generic DENR SLC	Customized SLC	Project Manager	See C.2, C.3, C.4
2	Add organizational process assets (OPA's)	OPA's	Initial Project SLCP	Project Manager	See B.4
3	Add project planning information	Project-specific activities	Final SLCP	Project Manager	

C.2 Customizing the Generic SLC

A generic SLC saves time and effort since much of the navigation through the mapping process has been done. A Project Manager, however, must still adapt the SLC – he must:

- determine if the "if applicable" activities should be performed
- determine the number of times an activity must be invoked
- determine the number of iterations required to complete an activity ("complete" means all input information has been processed)

C.3 The DENR Full-Scale SLCM

DENR SDLC PHASES/SEGMENTS	PRIMARY OUTPUT
Pre-Development	
Application Notification	Proposed Application Notification (PAN)
Feasibility Study	Feasibility Study Report
Requirements Definition and Conceptual Design	Business Requirements and Conceptual Design Report
Architecture	Architecture Report IRMC Review and Approval Documents
Development Processes	
Requirements Specification and Prototype	Final System Report Software Quality Assurance Plan
Program Development	Program Development Report, Software Code
Unit Testing	Unit Testing Report
Phase Testing	Phase Testing Report
User Testing	User Testing Report
Integration Testing	Integration Testing Report
System Testing	System Testing Report
Implementation	Implementation Report, Installed System
Post Development Processes	
Production System Support	System performance report, Problem and Change reports
SDLC Process Assessment	Process Assessment Report
Change Management	Change Management Report

C.4 The Generic DENR SLCP

The generic DENR SLCP was derived by mapping the IEEE activities against the segments of the DENR full-scale life cycle methodology. The project manager is responsible for ensuring that all the mandatory activities listed under each segment are performed by the project. The format presented below enables the project manager to use it as a checklist against the project plan.

DENR SDLC Segment or Phase	IEEE Activities from Standard 1074-1997		
Project Management			
	A.1.1	**Project Initiation Activities**	
	A.1.1.1	Create SLCP	
	A.1.1.2	Perform Estimations	
	A.1.1.3	Allocate Project Resources	
	A.1.1.4	Define Metrics	
	A.1.2	**Project Planning Activities**	
	A.1.2.1	Plan Evaluations	
	A.1.2.2	Plan Configuration Management	
	A.1.2.3	Plan System Transition (If Applicable)	
	A.1.2.4	Plan Installation	
	A.1.2.5	Plan Documentation	
	A.1.2.6	Plan Training	
	A.1.2.7	Plan Project Management	
	A.1.2.8	Plan Integration	

	A.1.3	**Project Monitoring and Control Activities**	
	A.1.3.1	Manage Risks	
	A.1.3.2	Manage the Project	
	A.1.3.3	Identify SLCP Improvement Needs	
	A.1.3.4	Retain Records	
	A.1.3.5	Collect and Analyze Metric Data	Focus: pre-dev and development, operational metrics
	A.4.3	**Maintenance Activities**	
	A.4.3.2	Implement Problem Reporting Method	Focus: Issues, Hardware and Software problems
	A.5.2	**Software Configuration Management Activities**	
	A.5.2.1	Develop Configuration Identification	Focus: all documents and deliverables in all phases/segments
	A.5.2.3	Perform Status Accounting	Focus: all identified objects throughout the project cycle
	A.5.1	**Evaluation Activities**	
	A.5.1.1	Conduct Reviews	Focus: Statement of Work, Project Mgt Planning Outputs
Application Notification			
	A.2.1	**Concept Exploration Activities**	
	A.2.1.1	Identify Ideas or Needs	
	A.5.3	**Documentation De velopment Activities**	
	A.5.3.1	Implement Documentation	Focus: Proposed Application Notification (PAN)
	A.5.3.2	Produce and Distribute Documentation	
Feasibility Study Phase			
	A.2.1	**Concept Exploration Activities**	
	A.2.1.2	Formulate Potential Approaches	
	A.2.1.3	Conduct Feasibility Studies	
	A.2.1.4	Refine and Finalize the Idea or Need	
	A.5.3	**Documentation Development Activities**	
	A.5.3.1	Implement Documentation	Focus: Feasibility Study report
	A.5.3.2	Produce and Distribute Do cumentation	
	A.5.2	**Software Configuration Management Activities**	Focus: Feasibility Study report
	A.5.2.2	Perform Configuration Control	
	A.5.1	**Evaluation Activities**	
	A.5.1.1	Conduct Reviews	Focus: Feasibility Study report
Business Requirements and Conceptual Design Phase			
	A.2.2	**System Allocation Activities**	
	A.2.2.1	Analyze Functions	
	A.2.2.3	Decompose System Requirements	
	A.2.3	**Software Importation Activities**	
	A.2.3.1	Identify Imported Software Requirements	Focus: Reusable software components within the enterprise, also commercially available packaged solutions

	A.2.3.2	Evaluate Software Import Sources (If Applicable)	
	A.5.3	**Documentation Development Activities**	
	A.5.3.1	Implement Documentation	Focus: Business Requirements Document
	A.5.3.2	Produce and Distribute Documentation	
	A.5.2	**Software Configuration Management Activities**	
	A.5.2.2	Perform Configuration Control	Focus: Business Requirements Document
	A.5.1	**Evaluation Activities**	
	A.5.1.1	Conduct Reviews	Focus: Business Requirements Document, Phase/segment activities
Architecture			
	A.2.2	**System Allocation Activities**	
	A.2.2.2	Develop System Architecture	
	A.2.2.3	Decompose System Requirements	
	A.2.3	**Software Importation Activities**	
	A.2.3.3	Define Software Import Method (If Applicable)	
	A.5.3	**Documentation Development Activities**	
	A.5.3.1	Implement Documentation	Focus: Architecture Report, IRMC Project Proposal Checklist, IRMC Project Concept Document
	A.5.3.2	Produce and Distribute Documentation	
	A.5.2	**Software Configuration Management Activities**	
	A.5.2.2	Perform Configuration Control	Focus: Architecture Report
	A.5.1	**Evaluation Activities**	
	A.5.1.1	Conduct Reviews	Focus: Architecture Report, Phase/segment activities
	A.5.1.2	Create Traceability Matrix	
	A.5.1.3	Conduct Audits	Focus: External/3rd Party QA Review (Project Inititiation)
	A.5.1.7	Report Evaluation Results	
Requirements Specifications and Prototype			
	A.3.1	**Requirements Activities**	
	A.3.1.1	Define and Develop Software Requirements	
	A.3.1.2	Define Interface Requirements	
	A.3.1.3	Prioritize and Integrate Software Requirements	
	A.3.2	**Design Activities**	
	A.3.2.1	Perform Architectural Design	
	A.3.2.2	Design Data Base (If applicable)	
	A.3.2.3	Design Interfaces	
	A.2.3.4	Perform Detailed Design	
	A.5.3	**Documentation Development Activities**	
	A.5.3.1	Implement Documentation	Focus: Final System Report, SQA Plan
	A.5.3.2	Produce and Distribute Documentation	

	A.5.2	**Software Configuration Management Activities**	
	A.5.2.2	Perform Configuration Control	Focus: Final System Report, SQA Plan
	A.5.1	**Evaluation Activities**	
	A.5.1.1	Conduct Reviews	Focus: Final System Report, SQA Plan, Phase/segment activities
	A.5.1.3	Conduct Audits	Focus: External/3rd Party QA Review (In-process, 1 or more may be conducted)
	A.5.1.7	Report Evaluation Results	
Program Development			
	A.2.3	**Software Importation Activities**	
	A.2.3.4	Import Software (If Applicable)	
	A.3.3	**Implementation Activities**	
	A.3.3.1	Create Executable Code	
	A.5.3	**Documentation Development Activities**	
	A.5.3.1	Implement Documentation	Focus: Program Development Report (specs)
	A.5.3.2	Produce and Distribute Documentation	
	A.5.2	**Software Configuration Management Activities**	
	A.5.2.2	Perform Configuration Control	Focus: Program Development Report (specs), coded program module
	A.5.1	**Evaluation Activities**	
	A.5.1.1	Conduct Reviews	Focus: Program Development Report (specs), coded program module, Phase/segment activities
	A.5.1.3	Conduct Audits	Focus: External/3rd Party QA Review (In-process, 1 or more may be conducted)
	A.5.1.7	Report Evaluation Results	
Unit Testing			
	A.5.1	**Evaluation Activities**	
	A.5.1.4	Develop Test Procedures	
	A.5.1.5	Create Test Data	
	A.5.1.6	Execute Tests	
	A.5.3	**Documentation Development Activities**	
	A.5.3.1	Implement Documentation	Focus: Unit Testing Report (procedures, results)
	A.5.3.2	Produce and Distribute Documentation	
	A.5.2	**Software Configuration Management Activities**	
	A.5.2.2	Perform Configuration Control	Focus: Unit Testing Report (procedures, results)
	A.5.1	**Evaluation Activities**	
	A.5.1.1	Conduct Reviews	Focus: Unit Testing Report (procedures, results), Phase/segment activities
	A.5.1.3	Conduct Audits	Focus: External/3rd Party QA Review (In-process, 1 or more may be conducted)
	A.5.1.7	Report Evaluation Results	

Phase Testing			
	A.5.1	**Evaluation Activities**	
	A.5.1.4	Develop Test Procedures	
	A.5.1.5	Create Test Data	
	A.5.1.6	Execute Tests	
	A.5.3	**Documentation Development Activities**	
	A.5.3.1	Implement Documentation	Focus: Phase Testing Report (procedures, results)
	A.5.3.2	Produce and Distribute Documentation	
	A.5.2	**Software Configuration Management Activities**	
	A.5.2.2	Perform Configuration Control	Focus: Phase Testing Report (procedures, results)
	A.5.1	**Evaluation Activities**	
	A.5.1.1	Conduct Reviews	Focus: Phase Testing Report (procedures,results), Phase/segment activities
	A.5.1.3	Conduct Audits	Focus: External/3rd Party QA Review (In-process, 1 or more may be conducted)
	A.5.1.7	Report Evaluation Results	
User Testing			
	A.5.1	**Evaluation Activities**	
	A.5.1.4	Develop Test Procedures	
	A.5.1.5	Create Test Data	
	A.5.1.6	Execute Tests	
	A.5.3	**Documentation Development Activities**	
	A.5.3.1	Implement Documentation	Focus: User Testing Report (procedures, results)
	A.5.3.2	Produce and Distribute Documentation	
	A.5.2	**Software Configuration Management Activities**	
	A.5.2.2	Perform Configuration Control	Focus: User Testing Report (procedures, results)
	A.5.1	**Evaluation Activities**	
	A.5.1.1	Conduct Reviews	Focus: User Testing Report (procedures, results), Phase/segment activities
	A.5.1.3	Conduct Audits	Focus: External/3rd Party QA Review (In-process, 1 or more may be conducted)
	A.5.1.7	Report Evaluation Results	
Integration Testing			
	A.3.3	**Implementation Activities**	
	A.3.3.3	Perform Integration	
	A.5.1	**Evaluation Activities**	
	A.5.1.4	Develop Test Procedures	
	A.5.1.5	Create Test Data	
	A.5.1.6	Execute Tests	

	A.5.3	**Documentation Development Activities**	
	A.5.3.1	Implement Documentation	Focus: Integration Testing Report (procedures, results)
	A.5.3.2	Produce and Distribute Documentation	
	A.5.2	**Software Configuration Management Activities**	
	A.5.2.2	Perform Configuration Control	Focus: Integration Testing Report (procedures, results)
	A.5.1	**Evaluation Activities**	
	A.5.1.1	Conduct Reviews	Focus: Integration Testing Report (procedures, results), Phase/segment activities
	A.5.1.3	Conduct Audits	Focus: External/3rd Party QA Review (In-process, 1 or more may be conducted)
	A.5.1.7	Report Evaluation Results	
System Testing			
	A.3.3	**Implementation Activities**	
	A.3.3.3	Perform Integration	
	A.5.1	**Evaluation Activities**	
	A.5.1.4	Develop Test Procedures	
	A.5.1.5	Create Test Data	
	A.5.1.6	Execute Tests	
	A.5.3	**Documentation Development Activities**	
	A.5.3.1	Implement Documentation	Focus: System Testing Report (procedures, results)
	A.5.3.2	Produce and Distribute Documentation	
	A.5.2	**Software Configuration Management Activities**	
	A.5.2.2	Perform Configuration Control	Focus: System Testing Report (procedures, results)
	A.5.1	**Evaluation Activities**	
	A.5.1.1	Conduct Reviews	Focus: System Testing Report (procedures, results), Phase/segment activities
	A.5.1.3	Conduct Audits	Focus: External/3rd Party QA Review (In-process, 1 or more may be conducted)
	A.5.1.7	Report Evaluation Results	
Implementation			
	A.5.4	**Training Activities**	
	A.5.4.1	Develop Training Materials	
	A.5.4.2	Validate the Training Program	
	A.5.4.3	Implement the Training Program	
	A.3.3	**Implementation Activities**	
	A.3.3.2	Create Operating Documentation	
	A.5.3	**Documentation Development Activities**	
	A.5.3.2	Produce and Distribute Documentation	Focus: Implementation Report (training plan, implementation action plan and operating documentation)

	A.4.1	**Installation Activities**	
	A.4.1.1	Distribute Software	
	A.4.1.2	Install Software	
	A.4.1.3	Accept Software in Operational Environment	
	A.4.4	**Retirement Activities**	
	A.4.4.1	Notify User	
	A.4.4.2	Conduct Parallel Operations (If Applicable)	
	A.4.4.3	Retire System	
	A.5.2	**Software Configuration Management Activities**	
	A.5.2.2	Perform Configuration Control	Focus: Implementation Report (training plan, implementation action plan and operating documentation), installed system
	A.5.1	**Evaluation Activities**	
	A.5.1.1	Conduct Reviews	Focus: Implementation Report (training plan, implementation action plan and operating documentation), installed system, Phase/segment activities
	A.5.1.3	Conduct Audits	Focus: External/3rd Party QA Review (In-process, 1 or more may be conducted)
	A.5.1.7	Report Evaluation Results	
Production System Support			
	A.4.2	**Operation and Support Activities**	
	A.4.2.1	Operate the System	
	A.4.2.2	Provide Technical Assistance and Consulting	
	A.4.2.3	Maintain Support Request Log	
	A.1.3	**Project Monitoring and Control Activities**	
	A.1.3.5	Collect and Analyze Metric Data	Focus: Operational system's performance logs, operational system's problem and change logs
	A.4.3	**Maintenance Activities**	
	A.4.3.1	Identify Software Improvement Needs	
	A.4.3.2	Implement Problem Reporting Method	Focus: Problems of the operational system
	A.4.3.3	Reapply SLC	Focus: Problem resolutions, maintenance and enhancements
	A.5.1	**Evaluation Activities**	
	A.5.1.1	Conduct Reviews	Focus: Problem reports and resolutions, maintenance activities and support process
	A.5.1.3	Conduct Audits	Focus: External/3rd Party QA Review (Post implementation)
	A.5.1.7	Report Evaluation Results	
	A.5.2	**Software Configuration Management Activities**	
	A.5.2.2	Perform Configuration Control	Focus: software and process improvements
SDLC Process Assessment			
	A.1.3	**Project Monitoring and Control Activities**	
	A.1.3.3	Identify SLCP Improvement Needs	

	A.5.3	**Documentation Development Activities**	
	A.5.3.1	Implement Documentation	Focus: Process Assessment Report
	A.5.3.2	Produce and Distribute Documentation	
	A.5.1	**Evaluation Activities**	
	A.5.1.1	Conduct Review s	Focus: Process Assessment Report, SLC process
	A.5.1.7	Report Evaluation Results	
	A.5.2	**Software Configuration Management Activities**	
	A.5.2.2	Perform Configuration Control	Focus: SLC improvements
Change Management			
	A.1.3	**Project Monitoring and Control Activities**	
	A.1.3.2	Manage the Project	Focus: Development scope, specifications and deliverables. Post-implementation software and processes
	A.5.3	**Documentation Development Activities**	
	A.5.3.1	Implement Documentation	Focus: Change Management Report
	A.5.3.2	Produce and Distribute Documentation	
	A.5.1	**Evaluation Activities**	
	A.5.1.1	Conduct Reviews	Focus: Change Management Report, change management process
	A.5.1.7	Report Evaluation Results	
	A.5.2	**Software Configuration Management Activities**	
	A.5.2.2	Perform Configuration Control	Focus: During Development: specifications documents, software and other deliverables. During post-implementation: software and support processes

End of Section 3