

Crosswalk for NUREG-1021 Rewrite

NUREG-1021 Revision 11		NUREG-1021 Draft Revision 12	
Section	Title or Comment	Section	Title or Comment
ES-101	Purpose and Format of Operator Licensing Examination Standards	ES 1.1	Using the Operator Licensing Examination Standards
ES-102	Regulations and Publications Applicable to Operator Licensing	NRC Operator Licensing website	NRC operator licensing public website has a list of applicable regulations and publications
ES-201	Initial Operator Licensing Examination Process	ES-2.1	Preparing for Operator Licensing Initial Examinations
Attachment 1	Examination Security and Integrity Considerations	ES 1.3 main body	Examination Security
Attachment 2	Guidelines for Freezing Plant Procedures	ES 2.1 main body	Preparing for Operator Licensing Initial Examinations
Attachment 3	Reference Material Guidelines for Initial Licensing Examinations	ES 2.1 main body	Preparing for Operator Licensing Initial Examinations
Attachment 4	Sample Corporate Notification Letter	Letter 2.1-1	Sample Corporate Notification Letter
Attachment 5	Sample Examination Approval Letter	Form 2.3-1	Sample Examination Approval Letter
Form ES-201-1	Examination Preparation Checklist	Form 2.1-1	Examination Preparation Checklist
Form ES-201-2	Examination Outline Quality Checklist	Form 2.3-1	Examination Outline Quality Checklist
Form ES-201-3	Examination Security Agreement	Form 1.3-1	Examination Security Agreement
Form ES-201-4	List of Applicants	Form 2.2-1	List of Applicants
ES-202	Preparing and Reviewing Operator Licensing Applications	ES-2.2	Applications, Medical Requirements, and Waiver and Excusal of Examination and Test Requirements
Attachment 1	Sample Initial Application Denial from Region	Form 2.2-1	List of Applicants
		Letter 2.2-1	Sample Initial Application Denial from Region
		Letter 2.2-2	Sample Application Withdrawal Notification Letter
		Letter 2.2-3	Sample Application Withdrawal Response Letter
ES-204	Processing Excusals and Waivers Requested By Reactor Operator and Senior Reactor Operator Applicants	ES-2.2	Applications, Medical Requirements, and Waiver and Excusal of Examination and Test Requirements
ES-205	Procedure for Administering the Generic Fundamentals Examination Program	Deleted	Discontinued Generic Fundamentals Examination
ES-301	Preparing Initial Operating Tests	ES-3.1, -3.2, -3.4, -2.3	Overview of the Operating Test for Operator Licensing Initial Examinations, Developing JPMs, Developing Scenarios, Reviewing and Approving Operator Licensing Initial Examinations
Attachment 1	Open Reference Question Guidelines	Deleted	Guidelines not included in REV 12 because they were part of older test format which used and credited questions like this.
Attachment 2	Verifiable Action Guidelines	Glossary, ES-3.2 main body, ES-3.4	Added definition to Glossary
Form ES-301-1	Administrative Topics Outline	Form 3.2-1	Administrative Topics Outline
Form ES-301-2	Control Room/In Plant Systems Outline	Form 3.2-2	Control Room/In Plant Systems Outline
Form ES-301-3	Operating Test Quality Checklist	Form 2.3-2	Operating Test Quality Checklist
Form ES-301-4	Simulator Scenario Quality Checklist	Merged into Form 2.3-2	Operating Test Quality Checklist
Form ES-301-5	Transient and Event Checklist	Form 3.4-1	Events and Evolutions Checklist
Form ES-301-6	Competencies Checklist	Deleted	Use of ES-3.3 and ES-3.4 ensures competencies are tested
Form ES-301-7	Operating Test Review Worksheet	Form 2.3-3	Operating Test Review Worksheets
ES-302	Administering Operating Tests to Initial License Applicants	ES-3.5	Administering Operating Tests
ES 303		ES-3.6	Grading and Documenting Operating Tests
Form ES 303 1	Individual Examination Report	Form 5.1-2 and:	Individual Examination Report
		Form 3.6-2	JPM Grade Report
		Form 3.6-3	RO Simulator Scenario Grade Report
		Form 3.6-4	SRO Simulator Scenario Grade Report
Form ES 303:2	Operating Test Comments	Form 3.6-5	Operating Test Comments
Form ES 303:3	RO Competency Grading Worksheet for the Simulator Operating Test	Form 3.6-6	RO Competency Grading Worksheet for the Simulator Operating Test
Form ES 303 4	SRO Competency Grading Worksheet for the Simulator Operating Test	Form 3.6-7	SRO Competency Grading Worksheet for the Simulator Operating Test
ES 401/401N	Preparing Initial Site Specific Written Examinations	ES-4.1 and ES-4.2 and ES-2.3	Information from Rev 11 Appendix D competency descriptions merged onto these worksheets and changed the format Developing Written Examination Outlines and Developing Written Examinations and Reviewing and Approving Operator Licensing Initial Examinations
Attachment 1	Example Systematic Sampling Methodology	ES-4.1 main body	
Attachment 2	Clarification Guidance for SRO-Only Questions	ES-4.2 main body and example SRO questions to Appendix B	
Form ES-401-1	BWR Examination Outline	Form 4.1-BWR	BWR Examination Outline
Form ES-401-2	PWR Examination Outline	Form 4.1-PWR	PWR Examination Outline
Form ES-401N-1	ABWR Examination Outline	Form 4.1-ABWR	ABWR Examination Outline
Form ES-401N-2	AP1000 Examination Outline	Form 4.1-AP	AP1000 Examination Outline
Form ES-401-3	Generic Knowledge and Abilities Outline (Tier 3)	Form 4.1-COMMON	Common Examination Outline
Form ES-401-4	Record of Rejected K/As	Form 4.1-1	Record of Rejected K/As
Form ES-401-5	Sample Written Examination Question Worksheet	Form 4.2-1	Written Examination Question Worksheet
Form ES-401-6	Written Examination Quality Checklist	Form 2.3-4	Written Examination Quality Checklist
Form ES-401-7	Site-Specific RO Written Examination Cover Sheet	Form 4.2-3	RO Written Examination Cover Sheet
Form ES-401-8	Site-Specific SRO Written Examination Cover Sheet	Form 4.2-4	SRO Written Examination Cover Sheet
Form ES-401-9	Written Examination Review Worksheet	Form 2.3-5	Written Examination Review Worksheet
ES-402	Administering Initial Written Examinations	ES-4.3	Administering Written Examinations
ES-403	Grading Initial Site-Specific Written Examinations	ES-4.4	Grading Written Examinations
Form ES-403-1	Written Examination Grading Quality Checklist	Deleted	This form is not used in REV 12. The steps on the form are integrated into the main body of ES-4.4 and more closely match what is done in practice.
ES-501	Initial Post-Examination Activities	ES-5.1	Issuing Operator Licenses and Other Post Examination Activities
Attachment 1	Sample Facility/Applicant Comments and NRC Resolutions	Moved to OLMC 510	
Attachment 2	Sample Simulator Fidelity Report	Moved to OLMC 510	
Attachment 3	Sample License Letters	Letter 5.1-1 and Letter 5.1-2	Sample RO License and Sample SRO License
Attachment 4	Sample Preliminary Results Letter	Letter 5.1-3	Sample Preliminary Results Letter
	Sample Informal NRC Staff Review Acknowledgement Letter	deleted	Duplicated in OLMC 500, remains in OLMC 500
	Sample Denial Letter	Letter 5.1-4	Sample Denial Letter
Attachment 5	Sample Notification Letter	Letter 5.1-5	Sample Pass Letter
Attachment 6	Sample Application Withdrawal Notification Letter	Letter 2.2-2	Sample Application Withdrawal Notification Letter
	Sample Application Withdrawal Response Letter	Letter 2.2-3	Sample Application Withdrawal Response Letter
Form ES-501-1	Post Examination Check Sheet	Form 5.1-1	Post-Examination Check Sheet
Form ES-501-2	Power Plant Examination Results Summary	Form 5.1-3	Power Plant Examination Results Summary
ES-502	Application Denials and Processing Requests for Informal NRC Staff Reviews	ES-5.2 and OLMC 500	Application Denials and Requests for Informal NRC Staff Review

Revision 11		Revision 12	
Section	Title or Comment	Section	Title or Comment
ES-601	Conducting NRC Requalification Examinations	ES-6.1	Conducting NRC Requalification Examinations
Attachment 1	Examination Timetable	Form 6.1-1	Examination Timetable
Attachment 2	Sample Corporate Notification Letter	Letter 6.1-1	Sample Corporate Notification Letter
Attachment 3	Examination Sample Plan	Form 6.1-2	Examination Sample Plan
Form ES-601-1	Examination Security Agreement	Form 6.1-3	Examination Security Agreement
Form ES-601-2	Evaluation Checklist for Facility Reference Material	Form 6.1-4	Evaluation Checklist for Facility Reference Material
Form ES-601-3	Power Plant Requalification Results Summary Sheet	Form 6.1-5	Power Plant Requalification Results Summary Sheet
Form ES-601-4	Power Plant Requalification Results Summary Continuation Sheet	Deleted	
Form ES-601-5	Individual Requalification Examination Report	Form 6.1-6	Individual Requalification Examination Report
ES-602	Requalification Written Examinations	ES-6.2	Requalification Written Examinations
Attachment 1	Guidelines for Developing and Reviewing Open Reference Examinations	Merged into main body of ES-6.2 and separate tables:	
		Table 1	Examples of Different Types of Questions
		Table 2	Example Formats for Open Reference Questions
		Table 3	Developing Open-Reference Test Items
Form ES-602-1	NRC Checklist for Open Reference Test Items	Form 6.2-1	NRC Checklist for Open Reference Test Items
Form ES-602-2	Written Requalification Examination Cover Sheet	Form 6.2-2	Written Requalification Examination Cover Sheet
ES-603	Requalification Walkthrough Examinations	ES-6.3	Requalification Walkthrough Examinations
Form ES 603 1	JPM Summary Matrix	Form 6.3-1	JPM Summary Matrix
ES-604	Dynamic Simulator Requalification Examinations	ES-6.4	Dynamic Simulator Requalification Examinations
Form ES 604 1	Simulator Scenario Review Checklist	Form 6.4-1	Simulator Scenario Review Checklist
Form ES 604 2	Simulator Crew Evaluation Form	Form 6.4 2	Simulator Crew Evaluation Form
ES-605	License Maintenance, License Renewal Applications, and Requests for Administrative Reviews and Demands for Hearings parts on Requalification Exam results	ES-5.3 and ES-6.1	Maintaining, Changing, and Renewing Operator Licenses Conducting NRC Requalification Examinations
ES-701	Administration of Initial Examinations for Senior Operators Limited to Fuel Handling	ES-7.1	Administration of Initial Examinations for Senior Operators Limited to Fuel Handling
Form ES 701.1	LSRO BWR Written Examination Outline	Form 7.1-BWR	LSRO BWR Written Examination Outline
Form ES 701.2	LSRO PWR Written Examination Outline	Form 7.1-PWR	LSRO PWR Written Examination Outline
Form ES 701.3	LSRO ABWR Written Examination Outline	Form 7.1-ABWR	LSRO ABWR Written Examination Outline
Form ES 701.4	LSRO AP-1000® Written Examination Outline	Form 7.1-AP	LSRO AP1000 Written Examination Outline
Form ES 701.5	LSRO Generic Knowledge and Abilities Outline (Tier 3)	Form 7.1-GEN	LSRO Generic Knowledge and Abilities Outline (Tier 3)
Form ES 701.6	LSRO Operating Test Outline	Form 7.1-2	LSRO Operating Test Outline
Form ES 701.7	LSRO Examination Outline Quality Checklist	Form 7.1-3	LSRO Examination Outline Quality Checklist
Form ES 701.8	LSRO Written Examination Quality Checklist	Form 7.1-4	LSRO Written Examination Quality Checklist
Form ES 701 9	LSRO Operating Test Quality Checklist	Form 7.1-5	LSRO Operating Test Quality Checklist
Form ES 701 10	LSRO Written Examination Cover Sheet	Form 7.1-6	LSRO Written Examination Cover Sheet
ES-702	Administration of NRC Requalification Examinations for Senior Operators Limited to Fuel Handling	ES-7.2	Administration of NRC Requalification Examinations for Senior Operators Limited to Fuel Handling
Form ES 702.1	Individual LSRO Requalification Examination Report	Form 7.2-1	Individual LSRO Requalification Examination Report
Form ES 702 2	Power Plant LSRO Requalification Results Summary	Form 7.2-2	Power Plant LSRO Requalification Results Summary
Form ES 702 3	LSRO Written Requalification Examination Cover Sheet	Form 7.2-3	LSRO Written Requalification Examination Cover Sheet
Appendix A	Overview of Generic Examination Concepts	Appendix A	Overview of Generic Examination Concepts
Appendix B	Written Examination Guidelines	ES-4.2 and Appendix B	Developing Written Examinations and Examples of Written Examination Questions
Attachment 1	Question Development Checklist	Form 4.2-2	Question Development Checklist
Attachment 2	Examples	Appendix B main body	Examples of Written Examination Questions
Attachment 3	References	Appendix B main body	Examples of Written Examination Questions
Appendix C	Job Performance Measure Guidelines	ES-3.2	Developing JPMs
Form ES-C-1	Job Performance Measure Worksheet	Form 3.2-3	Job Performance Measure Template
Form ES-C-2	Job Performance Measure Quality Checklist	Form 3.2-4	Job Performance Measure Development Job-Aid
Appendix D	Simulator Testing Guidelines	ES-3.3	Testing Guidelines for Dynamic Simulator Scenarios
Attachment 1	Example Initial Dynamic Simulator Scenarios	Deleted	
Attachment 2	Example Requalification Dynamic Simulator Scenarios	Deleted	
Form ES-D-1	Scenario Outline	Form 3.3-1	Scenario Outline
Form ES-D-2	Required Operator Actions	Form 3.3-2	Required Operator Actions
Appendix E	Policies and Guidelines for Taking NRC Examinations	ES-1.2	Guidelines for Taking NRC Examinations
Appendix F	Glossary	ES-8	Glossary