

| Safety Basis Competency-to-Training Matrix | | |
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| Competency | Required Training or Activity | Remarks |
| 1. Demonstrate a familiarity level knowledge of purpose and intent of the safety basis requirements, as described in 10 CFR 830, Subpart B, and the related DOE orders, standards, and guides. | ORO Safety Basis Fundamentals Self-Study Guide | This is a self-study guide with review questions. |
| 2. Demonstrate a working level knowledge of the general content of the safety basis requirements, as described in 10 CFR 830, Subpart B, and the related DOE orders, standards, and guides. | Part 1 - ORO Safety Basis Fundamentals Self-Study Guide AND Part 2 - 10 CFR 830, Subpart B, and Supporting Standards and Guidance Overview Self-Study Guide | This is a self-study guide with review questions. TBD - This is a self-study guide with review questions that builds on the fundamentals provided in Part 1 to achieve a general working level knowledge of the requirements mainly for those in approval/ concurrence and support roles. |
| 3. Demonstrate an expert level knowledge of the detailed content of the safety basis requirements, as described in 10 CFR 830, Subpart B, and the related DOE orders, standards, and guides. | Part 1 - Formal 10 CFR 830, Subpart B, Courses: a. 830 Safe Harbor Methodologies b. USQ c. TSR AND Part 2 - Required reading of 10 CFR 830 and related DOE directives, standards, guides, and ORO directives, and guides | Expert level training provided in DOE Complex on the requirements and implementation of: <ul style="list-style-type: none"> • DOE stds/directives 3009, 3011, 1120, & 460.1A (2 to 3 days) • USQ process (3 days) • TSR documents/process (2 to 3 days) Required reading list is available from the ORO Training Center. (The DOE and ORO listed documents are available on the DOE and ORO websites.) |
| 4. Demonstrate a familiarity level knowledge of the process for preparing, reviewing, approving, and updating safety basis documents. | ORO SB Review Process Self-Study Guide | TBD - This is a self-study guide with review questions that provides the fundamentals of DOE Std 1104. |

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| 5. Demonstrate a working level knowledge of the process for preparing, reviewing, approving, and updating safety basis documents. | Part 1 - ORO SB Review Process Self-Study Guide AND | TBD - This is a self-study guide with review questions that provides the fundamentals of DOE Std 1104. Required reading list and applicable AM SB Review/ Approval process are available from the AM's Organization. Required reading list and the SB List are available from the applicable ORO Line Organization. |
| | Part 2 - Required Reading of the applicable ORO AM's process for reviewing and approving SB documents AND | |
| | Part 3 - Required Reading of SB List for applicable ORO Facilities (Job aid listing of the facilities, SB documents associated with each facility, brief facility/operations description, their major hazards, and their major controls) | |
| 6. Demonstrate an expert level knowledge of the process for preparing, reviewing, approving, and updating safety basis documents. | Part 1 - ORO SB Review Process Self-Study Guide AND | TBD - This is a self-study guide with review questions that provides the fundamentals of DOE Std 1104. Required reading list and applicable AM SB Review/ Approval process are available from the AM's Organization. Required reading list and the SB List are available from the applicable ORO Line Organization. |
| | Part 2 - Required Reading of the applicable ORO AM's process for reviewing and approving SB documents AND | |
| | Part 3 - Required Reading of SB List for applicable ORO Facilities (Job aid listing of the facilities, SB documents associated with each facility, brief facility/operations description, their major hazards, and their major controls) AND | |
| | Part 4 - Required Reading of applicable Prime Contractor's Safety Basis Processes including DSA/TSR Preparation and Maintenance, USQ Process | |

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| 7. Demonstrate a familiarity level knowledge of how the safety basis documents flow down to operating procedures, processes, and programs and how these flow downs are maintained through the change control process. | ORO SB Document Flow Down Fundamentals Self-Study Guide | TBD - This is a self-study guide with review questions that provides the fundamentals of how SB documents are flowed down to operating procedures, processes, and programs. |
| 8. Demonstrate a working level knowledge of how the safety basis documents flow down to operating procedures, processes, and programs and how these flow downs are maintained through the change control process. | Part 1 - ORO SB Document Flow Down Fundamentals Self-Study Guide AND Part 2 - Required Reading of the applicable ORO Line Organization's process for evaluating the DSA/TSR implementation. AND Part 3 - Required Reading of applicable Prime Contractor's change control processes | TBD - This is a self-study guide with review questions that provides the fundamentals of how SB documents are flowed down to operating procedures, processes, and programs. Required reading list and applicable process for evaluating DSA/TSR implementation are available from the AM's Organization. Required reading list and the contractor's change control process procedures are available from the applicable ORO Line Organization. |
| 9. Demonstrate an expert level knowledge of the assigned facilities and the operating procedures, processes, and programs that flow down from the facility-specific safety basis documents and the change control process for flow downs. | Completion and maintenance of facility representative qualification. | Facility Representative Qualification Program |