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| 07/01/80 (80-16) 72524 Initial Fuel Loading Witnessing 01/20/84 (84-04) 72525 Reserved for Part 52 Initial Fuel Load Witnessing 72526 BWR Initial Criticality Witnessing 01/20/84 (84-04) 72532 Power Level Plateau Data Review (BWR) 01/20/84 (84-04) 72564B Pre-critical Test Procedure Review - Protective Trip Circuit or Rod Drop Measurement 07/01/80 (80-16) 72566B Pre-critical Test Procedure Review - RES Lead Test or or Pressurizer Effectiveness 07/01/80 (80-16) 72570B Initial Criticality Procedure Review (PWR) 07/01/80 (80-16) 72572B Low Power Test Procedure Review Moderator Temperature Coefficient and Boron Worth or Control Rod Worth and Pseudo Rod Ejection Worth 07/01/80 (80-16) 72576B Power Ascension Test Procedure Review - Natural Circulation or Power Reactivity Coefficient Measurement 07/01/80 (80-16) 72578B Power Ascension Test Procedure Review - Evaluation of Core Performance 07/01/80 (80-16) 72580B Power Ascension Test Procedure Review - Turbine Trip or Generator Trip 07/01/80 (80-16) 72582B Power Ascension Test Procedure Review - Loss of Offsite Power (Group A) 07/01/80 (80-16) 72584B Power Ascension Test Procedure Review: Shutdown from Outside the Control Room (Group B) 07/01/80 (80-16) 72584B Power Ascension Test Procedure Review - Evaluation of Flux Asymmetry or Pseudo Rod Ejection Test 04/30/75 (75-16) PWR Initial Criticality Witnessing 01/20/84 (84-04) 72596B Pre-critical Data Review 07/01/80 (80-16) 7260B Power Level Plateau Data Review (25% PWR) 07/01/80 (80-16) | 72517B | |
| 72525 Reserved for Part 52 Initial Fuel Load Witnessing 72526 BWR Initial Criticality Witnessing 01/20/84 (84-04) 72532 Power Level Plateau Data Review (BWR) 01/20/84 (84-04) 72564B Pre-critical Test Procedure Review - Protective Trip Circuit or Rod Drop Measurement 07/01/80 (80-16) 72566B Pre-critical Test Procedure Review - RES Lead Test or or Pressurizer Effectiveness 07/01/80 (80-16) 72570B Initial Criticality Procedure Review (PWR) 07/01/80 (80-16) 72572B Low Power Test Procedures Review Moderator Temperature Coefficient and Boron Worth or Control Rod Worth and Pseudo Rod Ejection Worth 07/01/80 (80-16) 72576B Power Ascension Test Procedure Review - Natural Circulation or Power Reactivity Coefficient Measurement 07/01/80 (80-16) 72578B Power Ascension Test Procedure Review - Evaluation of Core Performance 07/01/80 (80-16) 72580B Power Ascension Test Procedure Review - Turbine Trip or Generator Trip 07/01/80 (80-16) 72582B Power Ascension Test Procedure Review - Loss of Offsite Power (Group A) 07/01/80 (80-16) 72583B Power Ascension Test Procedure Review: Shutdown from Outside the Control Room (Group B) 07/01/80 (80-16) 72584B Power Ascension Test Procedure Review - Evaluation of Flux Asymmetry or Pseudo Rod Ejection Test 04/30/75 (75-16) 72592 PWR Initial Criticality Witnessing 01/20/84 (84-04) 72596B Pre-critical Data Review 07/01/80 (80-16) 72600B Power Level Plateau Data Review (25% PWR) 07/01/80 (80-16) | 72518B | · |
| Power Ascension Test Procedure Review - Furbine Trip or Generator Trip 07/01/80 (80-16) Power Ascension Test Procedure Review - Evaluation of Flux Asymmetry or Pseudo Rod Eview (BVR) 01/20/84 (84-04) Pre-solved Review - Protective Trip Circuit or Rod Drop Measurement 07/01/80 (80-16) Pre-critical Test Procedure Review - RES Lead Test or or Pressurizer Effectiveness 07/01/80 (80-16) Pre-critical Test Procedure Review - RES Lead Test or or Pressurizer Effectiveness 07/01/80 (80-16) Pre-critical Test Procedure Review (PWR) 07/01/80 (80-16) Power Ascension Test Procedure Review Moderator Temperature Coefficient and Boron Worth or Control Rod Worth and Pseudo Rod Ejection Worth 07/01/80 (80-16) Power Ascension Test Procedure Review - Natural Circulation or Power Reactivity Coefficient Measurement 07/01/80 (80-16) Power Ascension Test Procedure Review - Evaluation of Core Performance 07/01/80 (80-16) Power Ascension Test Procedure Review - Turbine Trip or Generator Trip 07/01/80 (80-16) Power Ascension Test Procedure Review - Loss of Offsite Power (Group A) 07/01/80 (80-16) Power Ascension Test Procedure Review: Shutdown from Outside the Control Room (Group B) 07/01/80 (80-16) Power Ascension Test Procedure Review - Evaluation of Flux Asymmetry or Pseudo Rod Ejection Test 04/30/75 (75-16) PWR Initial Criticality Witnessing 01/20/84 (84-04) Pre-critical Data Review 07/01/80 (80-16) Power Level Plateau Data Review (25% PWR) 07/01/80 (80-16) Power Level Plateau Data Review (50% PWR) 07/01/80 (80-16) | 72524 | Initial Fuel Loading Witnessing 01/20/84 (84-04) |
| Power Level Plateau Data Review (BWR) 01/20/84 (84-04) Pre-critical Test Procedure Review - Protective Trip Circuit or Rod Drop Measurement 07/01/80 (80-16) Pre-critical Test Procedure Review - RES Lead Test or or Pressurizer Effectiveness 07/01/80 (80-16) Initial Criticality Procedure Review (PWR) 07/01/80 (80-16) Low Power Test Procedures Review Moderator Temperature Coefficient and Boron Worth or Control Rod Worth and Pseudo Rod Ejection Worth 07/01/80 (80-16) Power Ascension Test Procedure Review - Natural Circulation or Power Reactivity Coefficient Measurement 07/01/80 (80-16) Power Ascension Test Procedure Review - Evaluation of Core Performance 07/01/80 (80-16) Power Ascension Test Procedure Review - Turbine Trip or Generator Trip 07/01/80 (80-16) Power Ascension Test Procedure Review - Loss of Offsite Power (Group A) 07/01/80 (80-16) Power Ascension Test Procedure Review - Shutdown from Outside the Control Room (Group B) 07/01/80 (80-16) Power Ascension Test Procedure Review - Evaluation of Flux Asymmetry or Pseudo Rod Ejection Test 04/30/75 (75-16) PWR Initial Criticality Witnessing 01/20/84 (84-04) Pre-critical Data Review 07/01/80 (80-16) Power Level Plateau Data Review (55% PWR) 07/01/80 (80-16) Power Level Plateau Data Review (55% PWR) 07/01/80 (80-16) | 72525 | Reserved for Part 52 Initial Fuel Load Witnessing |
| Power Level Plateau Data Review (BWR) 01/20/84 (84-04) Pre-critical Test Procedure Review - Protective Trip Circuit or Rod Drop Measurement 07/01/80 (80-16) Pre-critical Test Procedure Review - RES Lead Test or or Pressurizer Effectiveness 07/01/80 (80-16) Initial Criticality Procedure Review (PWR) 07/01/80 (80-16) Low Power Test Procedures Review Moderator Temperature Coefficient and Boron Worth or Control Rod Worth and Pseudo Rod Ejection Worth 07/01/80 (80-16) Power Ascension Test Procedure Review - Natural Circulation or Power Reactivity Coefficient Measurement 07/01/80 (80-16) Power Ascension Test Procedure Review - Evaluation of Core Performance 07/01/80 (80-16) Power Ascension Test Procedure Review - Turbine Trip or Generator Trip 07/01/80 (80-16) Power Ascension Test Procedure Review - Loss of Offsite Power (Group A) 07/01/80 (80-16) Power Ascension Test Procedure Review - Shutdown from Outside the Control Room (Group B) 07/01/80 (80-16) Power Ascension Test Procedure Review - Evaluation of Flux Asymmetry or Pseudo Rod Ejection Test 04/30/75 (75-16) PWR Initial Criticality Witnessing 01/20/84 (84-04) Pre-critical Data Review 07/01/80 (80-16) Power Level Plateau Data Review (55% PWR) 07/01/80 (80-16) Power Level Plateau Data Review (55% PWR) 07/01/80 (80-16) | 72526 | BWR Initial Criticality Witnessing 01/20/84 (84-04) |
| Pre-critical Test Procedure Review - Protective Trip Circuit or Rod Drop Measurement 07/01/80 (80-16) Pre-critical Test Procedure Review - RES Lead Test or or Pressurizer Effectiveness 07/01/80 (80-16) Initial Criticality Procedure Review (PWR) 07/01/80 (80-16) Low Power Test Procedures Review Moderator Temperature Coefficient and Boron Worth or Control Rod Worth and Pseudo Rod Ejection Worth 07/01/80 (80-16) Power Ascension Test Procedure Review - Natural Circulation or Power Reactivity Coefficient Measurement 07/01/80 (80-16) Power Ascension Test Procedure Review - Evaluation of Core Performance 07/01/80 (80-16) Power Ascension Test Procedure Review - Turbine Trip or Generator Trip 07/01/80 (80-16) Power Ascension Test Procedure Review - Loss of Offsite Power (Group A) 07/01/80 (80-16) Power Ascension Test Procedure Review: Shutdown from Outside the Control Room (Group B) 07/01/80 (80-16) Power Ascension Test Procedure Review - Evaluation of Flux Asymmetry or Pseudo Rod Ejection Test 04/30/75 (75-16) PWR Initial Criticality Witnessing 01/20/84 (84-04) Pre-critical Data Review 07/01/80 (80-16) Power Level Plateau Data Review (25% PWR) 07/01/80 (80-16) Power Level Plateau Data Review (50% PWR) 07/01/80 (80-16) | 72532 | |
| Circuit or Rod Drop Measurement 07/01/80 (80-16) Pre-critical Test Procedure Review - RES Lead Test or or Pressurizer Effectiveness 07/01/80 (80-16) T2570B Initial Criticality Procedure Review (PWR) 07/01/80 (80-16) Low Power Test Procedures Review Moderator Temperature Coefficient and Boron Worth or Control Rod Worth and Pseudo Rod Ejection Worth 07/01/80 (80-16) Power Ascension Test Procedure Review - Natural Circulation or Power Reactivity Coefficient Measurement 07/01/80 (80-16) Power Ascension Test Procedure Review - Evaluation of Core Performance 07/01/80 (80-16) Power Ascension Test Procedure Review - Turbine Trip or Generator Trip 07/01/80 (80-16) Power Ascension Test Procedure Review - Loss of Offsite Power (Group A) 07/01/80 (80-16) Power Ascension Test Procedure Review: Shutdown from Outside the Control Room (Group B) 07/01/80 (80-16) Power Ascension Test Procedure Review - Evaluation of Flux Asymmetry or Pseudo Rod Ejection Test 04/30/75 (75-16) PWR Initial Criticality Witnessing 01/20/84 (84-04) Pre-critical Data Review 07/01/80 (80-16) Power Level Plateau Data Review (25% PWR) 07/01/80 (80-16) Power Level Plateau Data Review (50% PWR) 07/01/80 (80-16) | 72564B | |
| Pre-critical Test Procedure Review - RES Lead Test or or Pressurizer Effectiveness 07/01/80 (80-16) Pressurizer Effectiveness 07/01/80 (80-16) Initial Criticality Procedure Review (PWR) 07/01/80 (80-16) Low Power Test Procedures Review Moderator Temperature Coefficient and Boron Worth or Control Rod Worth and Pseudo Rod Ejection Worth 07/01/80 (80-16) Power Ascension Test Procedure Review - Natural Circulation or Power Reactivity Coefficient Measurement 07/01/80 (80-16) Power Ascension Test Procedure Review - Evaluation of Core Performance 07/01/80 (80-16) Power Ascension Test Procedure Review - Turbine Trip or Generator Trip 07/01/80 (80-16) Power Ascension Test Procedure Review - Loss of Offsite Power (Group A) 07/01/80 (80-16) Power Ascension Test Procedure Review: Shutdown from Outside the Control Room (Group B) 07/01/80 (80-16) Power Ascension Test Procedure Review - Evaluation of Flux Asymmetry or Pseudo Rod Ejection Test 04/30/75 (75-16) PWR Initial Criticality Witnessing 01/20/84 (84-04) Pre-critical Data Review 07/01/80 (80-16) Power Level Plateau Data Review (25% PWR) 07/01/80 (80-16) Power Level Plateau Data Review (50% PWR) 07/01/80 (80-16) | | |
| Effectiveness 07/01/80 (80-16) 72570B Initial Criticality Procedure Review (PWR) 07/01/80 (80-16) 72572B Low Power Test Procedures Review Moderator Temperature Coefficient and Boron Worth or Control Rod Worth and Pseudo Rod Ejection Worth 07/01/80 (80-16) 72576B Power Ascension Test Procedure Review - Natural Circulation or Power Reactivity Coefficient Measurement 07/01/80 (80-16) 72578B Power Ascension Test Procedure Review - Evaluation of Core Performance 07/01/80 (80-16) 72580B Power Ascension Test Procedure Review - Turbine Trip or Generator Trip 07/01/80 (80-16) 72582B Power Ascension Test Procedure Review - Loss of Offsite Power (Group A) 07/01/80 (80-16) 72583B Power Ascension Test Procedure Review: Shutdown from Outside the Control Room (Group B) 07/01/80 (80-16) 72584B Power Ascension Test Procedure Review - Evaluation of Flux Asymmetry or Pseudo Rod Ejection Test 04/30/75 (75-16) 72592 PWR Initial Criticality Witnessing 01/20/84 (84-04) 72596B Pre-critical Data Review 07/01/80 (80-16) 72600B Power Level Plateau Data Review (25% PWR) 07/01/80 (80-16) 72608B Power Level Plateau Data Review (50% PWR) 07/01/80 (80-16) | 72566B | |
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| Coefficient and Boron Worth or Control Rod Worth and Pseudo Rod Ejection Worth 07/01/80 (80-16) 72576B Power Ascension Test Procedure Review - Natural Circulation or Power Reactivity Coefficient Measurement 07/01/80 (80-16) 72578B Power Ascension Test Procedure Review - Evaluation of Core Performance 07/01/80 (80-16) 72580B Power Ascension Test Procedure Review - Turbine Trip or Generator Trip 07/01/80 (80-16) 72582B Power Ascension Test Procedure Review - Loss of Offsite Power (Group A) 07/01/80 (80-16) 72583B Power Ascension Test Procedure Review: Shutdown from Outside the Control Room (Group B) 07/01/80 (80-16) 72584B Power Ascension Test Procedure Review - Evaluation of Flux Asymmetry or Pseudo Rod Ejection Test 04/30/75 (75-16) 72592 PWR Initial Criticality Witnessing 01/20/84 (84-04) 72596B Pre-critical Data Review 07/01/80 (80-16) 72600B Power Level Plateau Data Review (25% PWR) 07/01/80 (80-16) Power Level Plateau Data Review (50% PWR) 07/01/80 (80-16) | 72572B | |
| Pseudo Rod Ejection Worth 07/01/80 (80-16) Power Ascension Test Procedure Review - Natural Circulation or Power Reactivity Coefficient Measurement 07/01/80 (80-16) Power Ascension Test Procedure Review - Evaluation of Core Performance 07/01/80 (80-16) Power Ascension Test Procedure Review - Turbine Trip or Generator Trip 07/01/80 (80-16) Power Ascension Test Procedure Review - Loss of Offsite Power (Group A) 07/01/80 (80-16) Power Ascension Test Procedure Review: Shutdown from Outside the Control Room (Group B) 07/01/80 (80-16) Power Ascension Test Procedure Review - Evaluation of Flux Asymmetry or Pseudo Rod Ejection Test 04/30/75 (75-16) PWR Initial Criticality Witnessing 01/20/84 (84-04) Pre-critical Data Review 07/01/80 (80-16) Power Level Plateau Data Review (25% PWR) 07/01/80 (80-16) Power Level Plateau Data Review (50% PWR) 07/01/80 (80-16) | | • |
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| Circulation or Power Reactivity Coefficient Measurement 07/01/80 (80-16) Power Ascension Test Procedure Review - Evaluation of Core Performance 07/01/80 (80-16) Power Ascension Test Procedure Review - Turbine Trip or Generator Trip 07/01/80 (80-16) Power Ascension Test Procedure Review - Loss of Offsite Power (Group A) 07/01/80 (80-16) Power Ascension Test Procedure Review: Shutdown from Outside the Control Room (Group B) 07/01/80 (80-16) Power Ascension Test Procedure Review - Evaluation of Flux Asymmetry or Pseudo Rod Ejection Test 04/30/75 (75-16) PWR Initial Criticality Witnessing 01/20/84 (84-04) Pre-critical Data Review 07/01/80 (80-16) Power Level Plateau Data Review (25% PWR) 07/01/80 (80-16) Power Level Plateau Data Review (50% PWR) 07/01/80 (80-16) | 72576B | |
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| Performance 07/01/80 (80-16) 72580B Power Ascension Test Procedure Review - Turbine Trip or Generator Trip 07/01/80 (80-16) 72582B Power Ascension Test Procedure Review - Loss of Offsite Power (Group A) 07/01/80 (80-16) 72583B Power Ascension Test Procedure Review: Shutdown from Outside the Control Room (Group B) 07/01/80 (80-16) 72584B Power Ascension Test Procedure Review - Evaluation of Flux Asymmetry or Pseudo Rod Ejection Test 04/30/75 (75-16) 72592 PWR Initial Criticality Witnessing 01/20/84 (84-04) 72596B Pre-critical Data Review 07/01/80 (80-16) 72600B Power Level Plateau Data Review (25% PWR) 07/01/80 (80-16) Power Level Plateau Data Review (50% PWR) 07/01/80 (80-16) | 72578B | |
| Power Ascension Test Procedure Review - Turbine Trip or Generator Trip 07/01/80 (80-16) Power Ascension Test Procedure Review - Loss of Offsite Power (Group A) 07/01/80 (80-16) Power Ascension Test Procedure Review: Shutdown from Outside the Control Room (Group B) 07/01/80 (80-16) Power Ascension Test Procedure Review - Evaluation of Flux Asymmetry or Pseudo Rod Ejection Test 04/30/75 (75-16) PWR Initial Criticality Witnessing 01/20/84 (84-04) Pre-critical Data Review 07/01/80 (80-16) Power Level Plateau Data Review (25% PWR) 07/01/80 (80-16) Power Level Plateau Data Review (50% PWR) 07/01/80 (80-16) | 120102 | |
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| Power Ascension Test Procedure Review - Loss of Offsite Power (Group A) 07/01/80 (80-16) Power Ascension Test Procedure Review: Shutdown from Outside the Control Room (Group B) 07/01/80 (80-16) Power Ascension Test Procedure Review - Evaluation of Flux Asymmetry or Pseudo Rod Ejection Test 04/30/75 (75-16) PWR Initial Criticality Witnessing 01/20/84 (84-04) Pre-critical Data Review 07/01/80 (80-16) Power Level Plateau Data Review (25% PWR) 07/01/80 (80-16) Power Level Plateau Data Review (50% PWR) 07/01/80 (80-16) | 7200D | · · · · · · · · · · · · · · · · · · · |
| (Group A) 07/01/80 (80-16) 72583B Power Ascension Test Procedure Review: Shutdown from Outside the Control Room (Group B) 07/01/80 (80-16) 72584B Power Ascension Test Procedure Review - Evaluation of Flux Asymmetry or Pseudo Rod Ejection Test 04/30/75 (75-16) 72592 PWR Initial Criticality Witnessing 01/20/84 (84-04) 72596B Pre-critical Data Review 07/01/80 (80-16) 72600B Power Level Plateau Data Review (25% PWR) 07/01/80 (80-16) 72608B Power Level Plateau Data Review (50% PWR) 07/01/80 (80-16) | 72582B | |
| Power Ascension Test Procedure Review: Shutdown from Outside the Control Room (Group B) 07/01/80 (80-16) Power Ascension Test Procedure Review - Evaluation of Flux Asymmetry or Pseudo Rod Ejection Test 04/30/75 (75-16) PWR Initial Criticality Witnessing 01/20/84 (84-04) Pre-critical Data Review 07/01/80 (80-16) Power Level Plateau Data Review (25% PWR) 07/01/80 (80-16) Power Level Plateau Data Review (50% PWR) 07/01/80 (80-16) | 720020 | |
| Control Room (Group B) 07/01/80 (80-16) 72584B Power Ascension Test Procedure Review - Evaluation of Flux Asymmetry or Pseudo Rod Ejection Test 04/30/75 (75-16) 72592 PWR Initial Criticality Witnessing 01/20/84 (84-04) 72596B Pre-critical Data Review 07/01/80 (80-16) 72600B Power Level Plateau Data Review (25% PWR) 07/01/80 (80-16) 72608B Power Level Plateau Data Review (50% PWR) 07/01/80 (80-16) | 72583B | |
| 72584B Power Ascension Test Procedure Review - Evaluation of Flux Asymmetry or Pseudo Rod Ejection Test 04/30/75 (75-16) 72592 PWR Initial Criticality Witnessing 01/20/84 (84-04) 72596B Pre-critical Data Review 07/01/80 (80-16) 72600B Power Level Plateau Data Review (25% PWR) 07/01/80 (80-16) 72608B Power Level Plateau Data Review (50% PWR) 07/01/80 (80-16) | 72303D | |
| Flux Asymmetry or Pseudo Rod Ejection Test 04/30/75 (75-16) PWR Initial Criticality Witnessing 01/20/84 (84-04) Pre-critical Data Review 07/01/80 (80-16) Power Level Plateau Data Review (25% PWR) 07/01/80 (80-16) Power Level Plateau Data Review (50% PWR) 07/01/80 (80-16) | 72584B | |
| 72592 PWR Initial Criticality Witnessing 01/20/84 (84-04) 72596B Pre-critical Data Review 07/01/80 (80-16) 72600B Power Level Plateau Data Review (25% PWR) 07/01/80 (80-16) 72608B Power Level Plateau Data Review (50% PWR) 07/01/80 (80-16) | 123070 | |
| 72596B Pre-critical Data Review 07/01/80 (80-16) 72600B Power Level Plateau Data Review (25% PWR) 07/01/80 (80-16) 72608B Power Level Plateau Data Review (50% PWR) 07/01/80 (80-16) | 72502 | |
| 72600B Power Level Plateau Data Review (25% PWR) 07/01/80 (80-16) 72608B Power Level Plateau Data Review (50% PWR) 07/01/80 (80-16) | | |
| 72608B Power Level Plateau Data Review (50% PWR) 07/01/80 (80-16) | | |
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| 72010B POWER LEVEL PIU1/14/86 (86-U3) | | |
| | 12010B | Power Level Piu 1/14/80 (80-03) |

7300 <u>In-service Inspection</u>

| 73052 | In-service Inspection - Review of Procedures 01/14/86 (86-03) |
|-------|--|
| 73053 | Pre-service Inspection – Observation of Work and Work Activities |
| | 01/01/79 (reactivated 07-034) |

| | 73054 | Part 52, Pre-service and In-service Inspection - Review of Program |
|------|---------------------|--|
| | 73055 | 12/22/14 (14-031) Pre-service Inspection Data Review and Evaluation 01/01/79 (reactivated 07-034) |
| | 73753 | In-service Inspection 06/24/98 (98-010) |
| | 73754 | Part 52 - Preservice Inspection - Non-Destructive Examination 12/12/13 (13-028) |
| | 73755 | In-service Inspection - Data Review and Evaluation 10/27/10 (10-022) |
| | 73756 73757 | In-service Testing of Pumps and Valves 07/27/95 (95-009) Part 52 In-service Inspection - Data Review and Evaluation |
| | 10101 | 02/07/14 (14-005) |
| | 73758 | Part 52, Functional Design and Qualification, and Preservice and Inservice Testing Programs for Pumps, Valves and Dynamic Restraints 04/19/13 (13-011) |
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| 7400 | Reserved | |
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| 7500 | Reserved | |
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| 7600 | Reserved | |
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| 7700 | Reserved | |
| 1100 | 110001100 | |
| 7800 | High Lovel W | asto |
| 7000 | <u>High Level W</u> | <u>asie</u> |
| | 78010 | 10 CFR Part 21 Program 09/11/08 (08-026) |
| 7900 | Water Chemis | <u>stry</u> |
| | 79501 | LWR Water Chemistry Control and Chemical Analysis – Audits 02/24/89 |
| | | (reactivated 08-032) |
| | 79502 | Plant Systems Affecting Plant Water Chemistry 12/31/91 (reactivated 08-032) |
| | 79503 | Reserved for Part 52 LWR Water Chem. Control & Chem. Analysis (Pre- |
| | 70504 | Op and Supp) Recovered for Port 52 Plant systems Affecting Plant Water Cham |
| | 79504 79702 | Reserved for Part 52 Plant systems Affecting Plant Water Chem. Control and monitoring of Radiological Source Term 04/17/00 (00-006) |
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| 8000 | Environmenta | al Protection |
| 5500 | | |

| 80211 | Reserved for Part 52 Environmental Protection - Initial & Periodic Inspection |
|----------------|--|
| 80521 | Radiological Environmental Monitoring (Preoperational and Supplemental) 01/01/84 (reactivated 08-032) |
| 80522 | Part 52, Radiological Environmental Monitoring Program (REMP) 07/01/08 (08-019) |
| 80600 80721 | Reserved for Independent Assessment of Site Radiological Conditions Radiological Environmental Monitoring 09/17/01(01-017) |

8100 Physical Security

| 81000 | Security 08/27/13 (13-018) |
|----------|---|
| 81000.01 | Access Authorization 09/07/12 (12-020) |
| 81000.02 | Access Control 09/07/12 (12-020) |
| 81000.03 | Performance Evaluation Program 09/07/12 (12-020) |
| 81000.04 | Equipment Performance, Testing and Maintenance 09/07/12 (12-020) |
| 81000.05 | Protective Strategy Evaluation 01/03/13 (13-001) |
| 81000.07 | Security Training 09/07/12 (12-020) |
| 81000.08 | Fitness for Duty Operational Program 09/07/12 (12-020) |
| 81000.09 | Cyber Security Inspection for Construction 09/30/16 (16-025) |
| 81000.10 | Security Organization, Management Effectiveness, Program Reviews and Audits 09/07/12 (12-020) |
| 81000.11 | Material Control and Accounting 09/07/12 (12-020) |
| 81000.14 | Review of New Reactor Target Sets 12/19/13 (13-029) |
| 81018 | Physical Security Plan and Implementing Procedures |
| | 05/24/07 (07-17) |
| 81019 | Reserved for Part 52 Security Plan & Implementing Procedures |
| 81020 | Management Effectiveness - Security Program 06/13/07 (07-019) |
| 81021 | Reserved for Part 52 Management Effectiveness |
| 81023 | Reserved for Part 52 Security Organization |
| 81022 | Security Organization 06/13/07 (07-019) |
| 81034 | Security Program Audit 09/10/07 (07-027) |
| 81035 | Reserved for Part 52 Security Audit Program |
| 81038 | Records and Reports 09/10/07 (07-027) |
| 81039 | Reserved for Part 52 Records & Reports |
| 81042 | Testing and Maintenance 04/12/07 (07-013) |
| 81043 | Reserved for Part 52 Testing & Maintenance |
| 81046 | Locks, Keys, and Combinations 09/10/07 (07-027) |
| 81047 | Reserved for Part 52 Locks, Keys & Combinations |
| 81052 | Physical Barriers - Protected Areas 09/10/07 (07-027) |
| 81053 | Reserved for Part 52 Physical Barriers - Protected Areas |
| 81054 | Physical Barriers - Vital Areas, Material Access Areas, and |
| | Controlled Access Areas 09/10/07 (07-027) |
| 81055 | Reserved for Part 52 Physical Barriers - Vital Areas, Material Access |
| | Areas & Controlled Access Areas |

| 81058 | Security System Power Supply 09/10/07 (07-027) |
|----------------|---|
| 81059 | Reserved for Part 52 Security System Power Supply |
| 81062 | Lighting 09/10/07 (07-027) |
| 81063 | Reserved for Part 52 Lighting |
| 81064 | Compensatory Measures 09/10/07 (07-027) |
| 81065 | Reserved for Part 52 Compensatory Measures |
| 81066 | Assessment Aids 09/10/07 (07-027) |
| 81067 | Reserved for Part 52 Assessment Aides |
| 81070 | Access Control - Personnel 12/22/08 (08-037) |
| 81071 | Reserved for Part 52 Access Control - Personnel |
| 81072 | Access Control (Power Reactor) - Packages 05/09/84 (84-15) |
| 81073 | Access Control (Fuel Facility) - Packages, Material, and |
| 01073 | Strategic Special Nuclear Material (SSNM) 08/05/09 (09-019) |
| 81074 | Access Control - Vehicles 12/22/08 (08-037) |
| 81075 | Reserved for Part 52 Access Control - (Power Reactors) – Packages |
| 81076 | Reserved for Part 52 Access Control - Vehicles |
| 81078 | Detection Aids - Protected Areas 11/23/09 (09-028) |
| 81079 | Reserved for Part 52 Detection Aids - Protected Areas |
| 81089 | Detection Aids – MAA and CAA 12/22/08 (08-037) |
| | Reserved for Part 52 Detection Aids - VA, MAA, & CAA |
| 81081 | • • • |
| 81084 81085 | Alarm Stations 09/10/07 (07-027) Reserved for Part 52 Alarm Stations |
| | |
| 81088 | Communications 09/10/07 (07-027) Reserved for Part 52 Communications |
| 81089 81120 | |
| 01120 | Inspection Requirements and Guidance for Additional Security Measures for the Physical Protection in Transit for Radioactive Material Quantities of |
| | Concern 04/01/10 (10-010) |
| | (Note this IP contains safeguards material) |
| 81200 | |
| | Security 08/27/14 (14-019) |
| 81200.01 | Access Authorization for Decommissioning Nuclear Power Reactors |
| 94200 02 | 10/21/14 (14-025) |
| 81200.02 | Access Control for Decommissioning Nuclear Power Reactors 08/27/14 (14-019) |
| 81200.03 | Reserved for Decommissioning Force-on-Force Testing |
| 81200.03 | Equipment Performance, Testing, and Maintenance for Decommissioning |
| 01200.04 | Nuclear Power Reactors 08/27/14 (14-019) |
| 81200.05 | Protective Strategy Evaluation and Performance Evaluation Program for |
| 61200.05 | Decommissioning Nuclear Power Reactors 10/21/14 (14-025) |
| 81200.06 | Protection of Safeguards Information for Decommissioning Nuclear |
| 61200.00 | Power Reactors 08/27/14 (14-019) |
| 81200.07 | Security Training for Decommissioning Nuclear Power Reactor |
| 01200.07 | 10/21/14 (14-025) |
| 81200.08 | Reserved for Decommissioning Fitness for Duty Program |
| 81200.06 | Reserved for Decommissioning Cyber Security |
| 81200.10 | Reserved for Decommissioning Cyber Security Reserved for Decommissioning Material Control and Accounting |
| 81200.11 | Review of Decommissioning Target Sets 01/15/14 (14-001) |
| 81310 | Physical Protection of Shipments of Irradiated Fuel |
| 01010 | · |
| | 12/22/08 (08-037) |

| 81311 | Physical Security Requirements for Independent Spent Fuel Storage Installations 06/02/11 (11-009) |
|----------|--|
| 81335 | Physical Protection of Shipments of Special Nuclear Material of Moderate Strategic Significance (SNM-MSS) 12/02/09 (09-029) |
| 81340 | Physical Protection of Shipments of Special Nuclear Material of Low Strategic Significance (SNM-LSS) 11/23/09 (09-028) |
| 81360 | General Requirements for Physical Protection of Formula Quantities of Special Nuclear Material in Transit 12/02/09 (09-029) |
| 81365 | Records, Reports, and Planning for Physical Protection of Formula Quantities of Special Nuclear Material in Transit 11/23/09 (09-028) |
| 81370 | Specific Requirements for Physical Protection of Formula Quantities of Special Nuclear Materials in Transit 12/22/08 (08-037) |
| 81402 | Reports of Safeguards Events 11/23/09 (09-028) |
| 81411 | Physical Protection for Reactors with Formula Quantities of Special Nuclear Material 11/04/85 (85-34) |
| 81421 | Fixed Site Physical Protection of Special Nuclear Material of Moderate Strategic Significance 11/23/09 (09-028) |
| 81431 | Fixed Site Physical Protection of Special Nuclear |
| | Material of Low Strategic Significance 10/24/12 (12-025) |
| 81501 | Personnel Training and Qualification - General Requirements 12/02/09 (09-029) |
| 81502 | Fitness for Duty Program 12/22/08 (08-037) |
| 81503 | Reserved for Part 52 Personnel Training and Qualification - Gen. Requirements |
| 81504 | Fitness for Duty Program for Construction 10/15/09 (09-024) |
| 81601 | Safeguards Contingency Plan - Implementation Review 12/22/08 (08-037) |
| 81602 | Reserved for Part 52 Safeguards Contingency Plan - Implementation Review |
| 81700 | RESERVED for Materials Security |
| 81700.09 | Security Measures for Licensed Facilities 10/26/15 (15-021) |
| 81810 | Protection of Safeguards Information 09/10/07 (07-027) |
| 81811 | Protection of Safeguards Information By Design Certification Applicants and Vendors 09/06/16 (16-022) |
| 81815 | Authorization for Access to National Security Information (NSI) and Restricted Data (RD) 06/27/14 (14-014) |
| 81820 | Physical Protection Facility Approval and Safeguarding of National Security Information (NSI) and Restricted Data (RD) 06/27/14 (14-014) |

8200 <u>Emergency Planning</u>

| 82001 | Evaluation of Emergency Preparedness 05/22/00 (00-010) |
|----------|---|
| 82002 | Part 52, Emergency Preparedness Program 14/28/14 (14-026) |
| 82002.01 | Facilities and Equipment 11/08/11 (11-030) |
| 82002.02 | Procedure Quality 11/08/11 (11-030) |

| 82002.03 | Review of Exercise Objectives and Exercise Scenario for Power Reactors 11/08/11 (11-030) |
|----------|--|
| 82002.04 | Emergency Preparedness Exercises 11/08/11 (11-030) |
| 82002.05 | Emergency Response Organization On-Shift Staffing and Augmentation Drills 11/08/11 (11-030) |
| 82002.06 | Emergency Response Organization, Dose Assessment Drills 11/08/11 (11-030) |
| 82002.07 | Operational Status of the Emergency Preparedness Program 11/08/11 (11-030) |
| 82201 | Emergency Detection and Classification 03/23/05 (05-008) |
| 82202 | Protective Action Decision Making 03/23/05 (05-008) |
| 82301 | Evaluation of Exercises for Power Plants 04/24/13 (13-012) |
| 82302 | Review of Exercise Objectives and Scenarios for Power Reactors 04/24/13 (13-012) |
| 82401 | Decommissioning Emergency Preparedness Scenario Review and Exercise Evaluation 09/04/14 (14-020) |
| 82501 | Decommissioning Emergency Preparedness Program Evaluation 09/04/14 (14-020) |
| 82701 | Operational Status of the Emergency Preparedness Program 04/24/13 (13-012) |

8300 Radiation Protection

| 83100 | Occupational Exposure During SAFSTOR and DECON 12/30/91 (91-022) |
|----------|---|
| 83311 | Reserved for Part 52, Radiation Protection During Construction |
| 83501 | Significant Uncontrolled Radiation Exposures 04/17/00 (00-006) |
| 83502.01 | Radioactive Gaseous and Liquid Treatment and Monitoring Systems 04/17/00 (00-006) |
| 83502.02 | Radioactive Material Process and Transportation 04/17/00 (00-006) |
| 83502.03 | Radiological Environmental Monitoring Program and |
| | Radioactive Material Control Program 04/17/00 (00-006) |
| 83521 | Radiation Protection - Startup 01/01/84 (84-01) |
| 83522 | Radiation Protection, Plant Chemistry, Radwaste, and Environmental: |
| | Organization and Management Controls 12/31/91 (reactivated 08-032) |
| 83523 | Radiation Protection, Plant Chemistry, Radwaste, Transportation and |
| | Environmental: Training and Qualifications 01/01/84 (reactivated 08-032) |
| 83524 | External Occupational Exposure Control and Personal Dosimetry |
| | (Preoperational and Supplemental) 01/01/84 (reactivated 08-032) |
| 83525 | Internal Exposure Control and Assessment (Preoperational and |
| | Supplemental) 01/01/84 (reactivated 08-032) |
| 83526 | Control of Radioactive Materials and Contamination, Surveys, and |
| | Monitoring (Preoperational and Supplemental) 01/01/84 (reactivated |
| | 08-032) |
| 83527 | Facilities and Equipment (Preoperational and Supplemental) 01/01/84 |
| | (reactivated 08-032) |
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| 83529 | Reserved for Part 52 Radiation Protection – Startup |
|-------|---|
| 83531 | Part 52 Life Cycle Minimization of Contamination and Groundwater |
| | Protection Program 12/21/16 (16-035) |
| 83532 | Reserved for Part 52 Radiation Protection, Plant Chemistry, and |
| | Radwaste Training |
| 83533 | Part 52 External Occupational Exposure Control and Personal Dosimetry |
| | 10/27/10 (10-022) |
| 83534 | Part 52, Internal Exposure Control and Assessment 10/27/10 (10-022) |
| 83535 | Part 52, Control of Radioactive Materials and Contamination, Surveys, |
| | and Monitoring 10/27/10 (10-022) |
| 83536 | Part 52 Facilities and Equipment 10/27/10 (10-022) |
| 83537 | Part 52 Maintaining Occupational Exposures ALARA 10/27/10 (10-022) |
| 83722 | Radiation Protection, Plant Chemistry, and Radwaste: Organization and |
| | Management Controls (Minimum/Basic) 09/17/01 (01-017) |
| 83723 | General Employee, Radiation Safety, Plant Chemistry, |
| | Radwaste, and Transportation Training 12/16/03 (03-041) |
| 83724 | External Occupational Exposure Control and Personal |
| | Dosimetry 04/17/00 (00-006) |
| 83725 | Internal Exposure Control and Assessment 04/17/00 (00-006) |
| 83726 | Control of Radioactive Materials and Contamination, Surveys and |
| | Monitoring 11/13/14 (14-027) |
| 83727 | Facilities and Equipment (Basic) 09/17/01 (01-017) |
| 83728 | Maintaining Occupational Exposures ALARA 04/17/00 (00-006) |
| 83729 | Occupational Exposure during Extended Outages 12/31/91 (91-021) |
| 83746 | Offsite Dose Calculation Manual (ODCM) 07/29/08 (08-021) |
| 83750 | Occupational Radiation Exposure 06/06/02 (02-023) |
| 83801 | Inspection of Remedial and Final Surveys at Permanently |
| | Shutdown Reactors 07/26/16 (16-018) |
| 83822 | Radiation Protection 09/07/00 (00-016) |
| 83890 | Closeout Inspection and Survey 05/01/03 (03-013) |
| | |

8400 Radioactive Waste Management

| 84100 | Special Nuclear Material Inspections At Near Surface Low-Level |
|-------|---|
| | Waste Disposal Facilities In Agreement States 11/27/01 (01-028) |
| 84101 | Radioactive Waste Management 12/30/91 (91-022) |
| 84521 | Radwaste - Startup 01/01/84 (84-01) |
| 84522 | Solid Wastes (Preoperational and Supplemental) |
| | 01/01/84 (reactivated 08-032) |
| 84523 | Liquids and Liquid Wastes (Preoperational and Supplemental) |
| | 01/01/84 (reactivated 08-032) |
| 84524 | Gaseous Waste System (Preoperational and Supplemental) |
| | 01/01/84 (reactivated 08-032) |
| 84525 | Quality Assurance and Confirmatory Measurements for In-Plant |
| | Radiochemical Analysis (Preoperational and Supplemental) |
| | 5/23/85 (reactivated 08-032) |
| 84526 | Reserved for Part 52 Radwaste – Startup |

| 84527 | Part 52, Solid Waste Management System 07/01/08 (08-019) |
|-------|--|
| 84528 | Part 52 Liquid Waste Management Program 10/19/16 (16-027) |
| 84529 | Part 52, Gaseous Waste Management Program 10/19/16 (16-027) |
| 84750 | Radioactive Waste Treatment, and Effluent and Environmental |
| | Monitoring 03/15/94 (94-006) |
| 84850 | Radioactive Waste Management - Inspection of Waste Generator |
| | Requirements of 10 CFR 20 and 10 CFR 61 12/22/08 (08-037) |
| 84900 | Low-Level Radioactive Waste Storage 12/22/08 (08-037) |
| | (Preoperational and Supplemental) |

8500 <u>Material Control and Accountability</u>

| 85102 | Material Control and Accounting - Reactors 03/29/85 (85-10) |
|-------|---|
| 85103 | Reserved for Part 52 Material Control and Accounting - Reactor |
| 85200 | MC&A for Licensees Possessing Less Than or Equal to |
| | One Effective Kilogram of SNM 04/10/85 (85-15) |
| 85203 | Management Structure and Controls 08/10/16 (16-020) |
| 85205 | Facility Operations and Internal Controls 08/10/16 (16-020) |
| 85207 | Measurement Systems 01/17/86 (86-04) |
| 85209 | Measurement Control and Statistics 04/10/85 (85-15) |
| 85211 | Physical Inventory 01/17/86 (86-04) |
| 85303 | Material Control and Accounting Management Structure and Personnel |
| | Training and Qualification 08/10/16 (16-020) |
| 85305 | Item Monitoring 11/15/16 (16-030) |
| 85307 | Process Monitoring 11/15/16 (16-030) |
| 85309 | Measurement Systems and Control 10/20/10 (10-021) |
| 85311 | Physical Inventory Program 11/15/10 (10-023) |
| 85313 | Alarm Resolution Program 11/15/16 (16-030) |
| 85315 | Internal Control 12/21/2010 (10-027) |
| 85401 | Management Structure 11/15/16 (16-030) |
| 85402 | Measurement Program 10/20/10 (10-021) |
| 85403 | Measurement Control Program 10/20/10 (10-021) |
| 85404 | Physical Inventory Program for Low Enriched Uranium Fuel Facilities |
| | 11/15/10 (10-023) |
| 85405 | Item Control 09/09/10 (10-019) |
| 85406 | Resolution Program for Low Enriched Uranium Fuel Facilities 1 |
| | 1/15/10 (10-023) |
| 85407 | Assessment Program 11/29/10 (10-024) |
| 85408 | Recordkeeping 11/29/10 (10-024) |
| 85420 | Inspection of IAEA Safeguards for Inspectors at Power |
| | Reactors 06/22/88 (88-07) |
| 85501 | Physical Inventory Program for Uranium Enrichment Facilities |
| | 11/15/10 (10-023) |
| 85502 | Detection Program for Uranium Enrichment Facilities 12/21/2010 (10-027) |
| 85503 | Resolution Program for Uranium Enrichment Facilities |
| | 11/15/10 (10-023) |
| | |

8600 Spent Fuel and Other Radioactive Material Packaging and Shipping

| 86001 | Design, Fabrication, Testing, and Maintenance of |
|-------|--|
| | Transportation Packagings 01/16/08 (08-003) |
| 86730 | Transportation of Radioactive Materials (49 CFR Parts 100- |
| | 179 and 10 CFR Part 71) 04/17/00 (00-006) |
| 86740 | Inspection of Transportation Activities 10/30/08 (08-030) |
| 86750 | Solid Radioactive Waste Management and Transportation of Radioactive |
| | Materials 03/15/94 (94-006) |

8700 Materials Safety Inspection

| 87102 | Maintaining Effluents from Materials Facilities As Low As Is Reasonably Achievable (ALRA) 04/04/00 (00-005) |
|-------|--|
| 87103 | Inspection of Material Licensees Involved in an Incident or Bankruptcy Filing 11/03/00 (00-023) |
| 87104 | Decommissioning Inspection Procedure for Materials Licensees 07/29/02 (02-029) |
| 87121 | Industrial Radiography Programs 12/17/14 (14-030) |
| 87122 | Irradiator Programs 12/31/02 (02-047) |
| 87123 | Well Logging Programs 11/25/03 (03-037) |
| 87124 | Fixed and Portable Gauge Programs 11/25/03 (03-037) |
| 87125 | Materials Processor/Manufacturer Programs 09/28/05 (05-027) |
| 87126 | Industrial/Academic/Research Programs 09/28/05 (05-027) |
| 87127 | Radiopharmacy Programs 07/01/08 (08-018) |
| 87128 | Manufacturing and Distribution of Exempt Products 01/27/17 (17-002) |
| 87129 | Master Materials Program 09/15/03 (03-034) |
| 87130 | Nuclear Medicine Programs, Written Directive Not Required 10/24/02 (02-041) |
| 87131 | Nuclear Medicine Programs, Written Directive Required 08/24/11 (11-014) |
| 87132 | Brachytherapy Programs 02/26/15 (15-003) |
| 87133 | Medical Gamma Sterotactic Radiosurgery and Teletherapy Programs 08/24/11 (11-014) |
| 87134 | Medical Broad-Scope Programs 08/24/11 (11-014) |
| 87135 | Panoramic and Underwater Irradiator Security Program 10/30/08 (08-030) |
| 87136 | Manufacturing and Distribution (M&D) Security Program 10/30/08 (08-030) |
| 87137 | 10 CFR Part 37 Materials Security Programs 04/03/14 (14-009) |
| 87250 | Locating Missing Materials Licensees 10/29/01 (01-022) |
| 87654 | Uranium Mill, In-Situ Uranium Recovery, and 11e.(2) Byproduct Material Site Decommissioning Inspection 03/19/02 (02-010) |

8800 Fuel Facility Inspection

| 88001 | On-Site Construction 04/15/94 (94-011) |
|-------|---|
| 88003 | Reactive Inspection for Events at Fuel Cycle Facilities 03/16/15 (15-004) |
| 88004 | Reserved for Adverse Weather Protection |
| 88005 | Management Organization and Controls 09/05/06 (06-020) |
| 88010 | Training 02/07/14 (14-005) |
| 88015 | Nuclear Criticality Safety 08/11/15 (15-0215) |
| 88020 | Operational Safety 01/23/14 (14-003) |
| 88025 | Maintenance and Surveillance Testing 01/23/14 (14-003) |
| 88030 | Radiation Protection 03/06/14 (14-007) |
| 88035 | Radioactive Waste Management 02/07/14 (14-005) |
| 88045 | Effluent Control and Environmental Protection 02/07/14 (14-005) |
| 88050 | Emergency Preparedness 03/06/14 (14-007) |
| 88051 | Evaluation of Exercises and Drills 03/06/14 (14-007) |
| 88054 | Fire Protection (Triennial) 03/06/14 (14-007) |
| 88055 | Fire Protection (Annual) 01/23/14 (14-003) |
| 88070 | Plant Modification 09/20/16 (16-023) |
| 88071 | Configuration Management Program 03/06/14 (14-007) |
| 88075 | Event Follow-up 03/16/15 (15-004) |
| 88100 | Plant Operations 12/30/96 (96-026) |
| 88101 | Configuration Control 12/30/96 (96-026) |
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