

Facility: Dresden Units 2 and 3Date of Examination: October 21, 2013Examination Level: RO SRO Operating Test Number: 2013-301

Administrative Topic (see Note)	Type Code*	Describe activity to be performed
Conduct of Operations 2.1.25	N, S	Determine Generator operating limits from Capability Curve.
Conduct of Operations 2.1.26	N, R	Calculate stay time for work in high temperature area.
Equipment Control 2.2.14	N, R	Perform APRM Calibration Surveillance.
Radiation Control		N/A
Emergency Procedures/Plan 2.4.27	N, R	Perform actions related to a Fire in the Plant.

NOTE: All items (5 total) are required for SROs. RO applicants require only 4 items unless they are retaking only the administrative topics, when all 5 are required.

* Type Codes & Criteria:
 (C)ontrol room, (S)imulator, or Class(R)oom
 (D)irect from bank (≤ 3 for ROs; ≤ 4 for SROs & RO retakes)
 (N)ew or (M)odified from bank (≥ 1)
 (P)revious 2 exams (≤ 1 ; randomly selected)

Facility: Dresden Units 2 and 3 Date of Examination: October 2013
 Examination Level: RO SRO Operating Test Number: _____

Administrative Topic (see Note)	Type Code*	Describe activity to be performed
Conduct of Operations 2.1.1	D, R	Reportability Determination
Conduct of Operations 2.1.5	N, R	Authorize a Waiver for 10CFR Work Hour Limits
Equipment Control 2.2.12	D, R	Declare EDG Operable After Surveillance Review
Radiation Control 2.3.4	D, R	Select Personnel for Radiation Work
Emergency Procedures/Plan 2.4.40	P, D, R	Authorize Use of KI (2011 Exam)

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 (P)revious 2 exams (≤ 1; randomly selected)

Facility: <u>Dresden Units 2 and 3</u>	Date of Examination: <u>October 2013</u>	
Exam Level: RO <input checked="" type="checkbox"/> SRO-I <input type="checkbox"/> SRO-U <input type="checkbox"/>	Operating Test No.: <u>2013301</u>	
Control Room Systems [@] (8 for RO); (7 for SRO-I); (2 or 3 for SRO-U, including 1 ESF)		
System / JPM Title	Type Code*	Safety Function
a. 211000 SBLC - Injection with Pump and RWCU Failures	A, D, EN, S	1
b. 209001 Core Spray - Perform Pump Test with Pump Trip	A, D, L, P, S	2
c. 239001 Main Steam - Unisolate a Line using Alternate Method	D, P, S	3
d. 207000 Iso Cond – Startup with Failure of the M/U System	A, D, S	4
e. 219000 Start Torus Cooling with Initiation Signal Present (LPCI), LPCI NOT injecting into the Vessel	L, N, S	5
f. 264000 Perform Diesel Generator Full Load Reject Testing	M, S	6
g. 215002 Clear Rod Block Monitor Malfunction	N, S	7
h. 261000 SBGT - Post Maintenance Testing, with Auto Initiation	A, D, L, S	9
In-Plant Systems [@] (3 for RO); (3 for SRO-I); (3 or 2 for SRO-U)		
i. 295031 Line Up Reactor Head Cooling for Alternate Water Injection	D, E, L, R	2
j. 207000 Iso Cond - Valve in Local Sightglass	D, E, L, R	4
k. 2.1.30 Service Water - Reverse Service Water Flow Through X-Area Coolers	D, E, R	8
<p>[@] All RO and SRO-I control room (and in-plant) systems must be different and serve different safety functions; all 5 SRO-U systems must serve different safety functions; in-plant systems and functions may overlap those tested in the control room.</p>		
* Type Codes	Criteria for RO / SRO-I / SRO-U	
(A)lternate path	4-6 / 4-6 / 2-3	
(C)ontrol room		
(D)irect from bank	≤ 9 / ≤ 8 / ≤ 4	
(E)mergency or abnormal in-plant	≥ 1 / ≥ 1 / ≥ 1	
(EN)gineered safety feature	- / - / ≥ 1 (control room system)	
(L)ow-Power / Shutdown	≥ 1 / ≥ 1 / ≥ 1	
(N)ew or (M)odified from bank including 1(A)	≥ 2 / ≥ 2 / ≥ 1	
(P)revious 2 exams	≤ 3 / ≤ 3 / ≤ 2 (randomly selected)	
(R)CA	≥ 1 / ≥ 1 / ≥ 1	
(S)imulator		

Facility: Dresden Units 2 and 3 Date of Examination: October 2013
 Exam Level: RO SRO-I SRO-U Operating Test No.: _____

Control Room Systems[®] (8 for RO); (7 for SRO-I); (2 or 3 for SRO-U, including 1 ESF)

System / JPM Title	Type Code*	Safety Function
a. 211000 SBLC - Injection with Pump and RWCU Failures	A, EN, D, S	1
b. N/A		
c. N/A		
d. 207000 Iso Cond – Startup with Failure of the M/U System	A, D, S	4
e. 219000 Start Torus Cooling with Initiation Signal Present (LPCI), LPCI NOT injecting into the Vessel	L, N, S	5
f. N/A		
g. N/A		
h. N/A		

In-Plant Systems[®] (3 for RO); (3 for SRO-I); (3 or 2 for SRO-U)

i. 295031 Line Up Reactor Head Cooling for Alternate Water Injection	D, E, L, R	2
j. N/A		
k. 2.1.30 Service Water - Reverse Service Water Flow Through X-Area Coolers	D, E, R	8

@ All RO and SRO-I control room (and in-plant) systems must be different and serve different safety functions; all 5 SRO-U systems must serve different safety functions; in-plant systems and functions may overlap those tested in the control room.

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(C)ontrol room	
(D)irect from bank	≤ 9 / ≤ 8 / ≤ 4
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(EN)gineered safety feature	- / - / ≥ 1 (control room system)
(L)ow-Power / Shutdown	≥ 1 / ≥ 1 / ≥ 1
(N)ew or (M)odified from bank including 1(A)	≥ 2 / ≥ 2 / ≥ 1
(P)revious 2 exams	≤ 3 / ≤ 3 / ≤ 2 (randomly selected)
(R)CA	≥ 1 / ≥ 1 / ≥ 1
(S)imulator	

