

Facility: DresdenDate of Examination: 2/6/06Examination Level (circle one): RO / SROOperating Test Number: ILT 05-1

Administrative Topic (See Note)	Type Code*	Describe activity to be performed
Conduct of Operations	N	JPM: Reactivation of SRO License REF: OP-AA-105-102 KA: 2.1.5, 3.5
Conduct of Operations	N	JPM: Determine actions required for a security threat REF: SY-AA-101-132 KA: 2.1.6, 4.3 <i>This JPM was not included in ADAMS due to SISP review</i>
Equipment Control	N	JPM: Verify LPCI Valve Operability and Timing Paperwork REF: DOS 1500-01 KA: 2.2.12, 3.4
Radiation Control	D,P	JPM: CCSW Activity Calculation REF: DOS 1500-08 KA: 2.3.11, 3.2
Emergency Plan	D	JPM: Determine Emergency Classification REF: EP-AA-1004 KA: 2.4.38, 4.0

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

\* Type Codes & Criteria:

- (C)ontrol room
- (D)irect from bank ( $\leq 3$  for ROs;  $\leq 4$  for SROs & RO retakes)
- (N)ew or (M)odified from bank ( $\geq 1$ )
- (P)revious 2 exams ( $\leq 1$ ; randomly selected)
- (S)imulator

Facility: DresdenDate of Examination: 2/6/2006Exam Level (circle one): RO (SRO-I)/ SRO-UOperating Test Number: ILT 05-1

Control Room Systems® (8 for RO; 7 for SRO-I; 2 or 3 for SRO-U)

System / JPM Title	Type Code*	Safety Function
a. Control Rod and Drive Mechanism – Daily/Weekly Control Rod Drive Exercise DOS 0300-01; K/A: 201003 A4.02, 3.5/3.5	D,S	(1) Reactivity Control
b. Low Pressure Core Spray – CS Pump Test with Torus Available DOS 1400-05; K/A: 209001 A4.01, 3.8/3.6	D,S,A	(2) Reactor Water Inventory Control
c. Isolation Condenser – Manually Operate the Isolation Condenser DOP 1300-03; K/A: 207000 A4.07, 4.2/4.3	D,S	(3) Reactor Pressure Control
d. Primary Containment Isolation System – Verify spurious group 3 isolation – incomplete DAN 902-5 D-5; K/A: 223002 A4.01, 3.6/3.5	P,S,L,A,D	(5) Containment Integrity
e. A.C. Electrical Distribution – Transfer Aux Power from TR-22 to TR-21 DOP 6500-1; K/A: 262001 A4.04, 3.6/3.7	N,S,L	(6) Electrical
f. Traversing In-Core Probe – Driving TIP Detectors to Isolation Test Position DOP 0700-06; K/A: 215001 A4.03, 3.0/3.1	N,S,A	(7) Instrumentation
g. Standby Gas Treatment – Post Maintenance Testing with receipt of an Auto Initiation Signal DOP 7500-01; K/A: 261000 A2.10, 3.1/3.2  The above JPM was only given to one candidate due to technical problems with the simulator the other four candidates were administered the following JPM.  g. Rev. 1 Start Standby Gas Treatment DOP 7500-01; K/A: 261000 A4.03, 3.0/3.0	P,S,L,A,D       P,S, L, D	(9) Radioactivity Release
h. N/A		

In-Plant Systems <sup>@</sup> (3 for RO; 3 for SRO-I; 3 or 2 for SRO-U)		
i. Recirc System – Seal Purge Isolation DOP 0202-11; K/A: 202001 2.1.30, 3.9/3.4	D,R	(4) Heat Removal from Reactor Core
k. Emergency Generators – Perform Local Manual Start of the U3 D/G DSSP 0200-T2; K/A: 264000 A4.04, 3.7/3.7	P,A,D,R,E	(6) Electrical
j. Breathing Air Supply – Valve in Control Room Emergency Breathing Air Supply DOP 4650-01; K/A: 290003 A2.02, 3.1/3.4	D,E	(9) Radioactive Release
<p>@ All control room (and in-plant) systems must be different and 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	$\leq 9 / \leq 8 / \leq 4$	
(E)mergency or abnormal in-plant	$\geq 1 / \geq 1 / \geq 1$	
(L)ow-Power	$\geq 1 / \geq 1 / \geq 1$	
(N)ew or (M)odified from bank including 1(A)	$\geq 2 / \geq 2 / \geq 1$	
(P)revious 2 exams	$\leq 3 / \leq 3 / \leq 2$ (randomly selected)	
(R)CA	$\geq 1 / \geq 1 / \geq 1$	
(S)imulator		

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Control Room Systems® (8 for RO; 7 for SRO-I; 2 or 3 for SRO-U)

System / JPM Title	Type Code*	Safety Function
c. Isolation Condenser – Manually Operate the Isolation Condenser DOP 1300-03; K/A: 207000 A4.07, 4.2/4.3	D,S	(3) Reactor Pressure Control
f. Traversing In-Core Probe – Driving TIP Detectors to Isolation Test Position DOP 0700-06; K/A: 215001 A4.03, 3.0/3.1	N,S,A	(7) Instrumentation
g. Standby Gas Treatment – Post Maintenance Testing with receipt of an Auto Initiation Signal DOP 7500-01; K/A: 261000 A2.10, 3.1/3.2  The above JPM was only given to one candidate due to technical problems with the simulator the other four candidates were administered the following JPM.	P,S,L,A,D	(9) Radioactivity Release
g. Rev. 1 Start Standby Gas Treatment DOP 7500-01; K/A: 261000 A4.03, 3.0/3.0	P, S, L, D	

In-Plant Systems <sup>@</sup> (3 for RO; 3 for SRO-I; 3 or 2 for SRO-U)		
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k. Emergency Generators – Perform Local Manual Start of the U3 D/G DSSP 0200-T2; K/A: 264000 A4.04, 3.7/3.7	P,A,D,R,E	(6) Electrical
<p>@ All control room (and in-plant) systems must be different and serve different safety functions; in-plant systems and functions may overlap those tested in the control room.</p>		
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(D)irect from bank	$\leq 9 / \leq 8 / \leq 4$	
(E)mergency or abnormal in-plant	$\geq 1 / \geq 1 / \geq 1$	
(L)ow-Power	$\geq 1 / \geq 1 / \geq 1$	
(N)ew or (M)odified from bank including 1(A)	$\geq 2 / \geq 2 / \geq 1$	
(P)revious 2 exams	$\leq 3 / \leq 3 / \leq 2$ (randomly selected)	
(R)CA	$\geq 1 / \geq 1 / \geq 1$	
(S)imulator		