

Facility: <b>Grand Gulf Nuclear Station</b>		Date of Examination: <b>16 August 2005</b>
Examination Level (circle one) <b>RO</b> SRO		Operating Test Number:
Administrative Topic (see Note)	Type Code*	Describe activity to be performed
Conduct of Operations	D; S	Given plant conditions, perform the Idle Loop Startup Surveillance for Recirculation System.  GJPM-RO-ADM-1 K/A 2.1.20: 4.3 Safety Function 1
Conduct of Operations	M; S	Given plant conditions, complete documentation for Shift Turnover  GJPM-RO-ADM-2 K/A 2.1.3: 3.0
Equipment Control	M	Given a component to be isolated for a work order, prepare a tagout using the eSOMS program.  GJPM-RO-ADM-3 K/A 2.2.13: 3.6
Radiation Control	D	Complete entry and egress from the CAA with access requirements for a High Radiation Area.  GJPM-OPS-ADM-26 K/A 2.3.1: 2.6; 2.3.4: 2.5; 2.3.5: 2.3
Emergency Plan	N/A	N/A
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: <ul style="list-style-type: none"> <li>(C)ontrol Room</li> <li>(D)irect from bank (<math>\leq 3</math> for ROs; <math>\leq 4</math> for SROs &amp; RO retakes)</li> <li>(N)ew or (M)odified from bank (<math>\geq 1</math>)</li> <li>(P)revious 2 exams (<math>\leq 1</math>; randomly selected)</li> <li>(S)imulator</li> </ul>		

Facility: <b>Grand Gulf Nuclear Station</b>		Date of Examination: <b>16 August 2005</b>
Examination Level (circle one) RO <b>SRO</b>		Operating Test Number:
Administrative Topic (see Note)	Type Code*	Describe activity to be performed
Conduct of Operations	M	<p>Given a completed AC/DC Lineup following a failure of a Diesel Generator, determine the LCO action requirements and generate an eSOMS LCO.</p> <p>GJPM-SRO-ADM-1 K/A 2.1.12: 4.0 Safety Function 6</p>
Conduct of Operations	M	<p>Given a failed relay, determine the impact on plant operations using facility drawings.</p> <p>GJPM-SRO-ADM-2 K/A 2.1.24: 3.1</p>
Equipment Control	M	<p>Given a work order and prepared tagout, determine the adequacy of the tagout and the impact on plant operations.</p> <p>GJPM-SRO-ADM-3 K/A 2.2.13: 3.8; 2.2.17: 3.5</p>
Radiation Control	N	<p>Given plant conditions, determine Protective Action Recommendations and Radiological Considerations for On-Site Personnel.</p> <p>GJPM-SRO-A&amp;E-41 K/A 2.3.8: 3.2</p>
Emergency Plan	M	<p>Given plant conditions, determine entry into the Site Emergency Plan and complete the initial notification forms.</p> <p>GJPM-SRO-A&amp;E-42 K/A 2.4.41: 4.1; 2.4.38: 4.0; 2.4.40: 4.0</p>
<p>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.</p>		
<p>* Type Codes &amp; Criteria:</p> <p>(C) ontrol Room (D) irect from bank (<math>\leq 3</math> for ROs; <math>\leq 4</math> for SROs &amp; RO retakes) (N) ew or (M) odified from bank (<math>\geq 1</math>) (P) revious 2 exams (<math>\leq 1</math>; randomly selected) (S) imulator</p>		

Facility: <b>Grand Gulf Nuclear Station</b>		Date of Examination: <b>15 August 2005</b>
Exam Level (circle one) <b>RO</b> SRO-I / SRO-U		Operating Test Number:
<b>Control Room Systems</b> <sup>@</sup> (8 for RO; 7 for SRO-I; 2 or 3 for SRO-U, including 1 ESF)		
System / JPM Title	Type Code*	Safety Function
a. 202001 <u>Recirculation System</u> - Startup idle Recirculation Pump <30% power with incomplete start actuation.	S; M; A	4
b. 201001 <u>Control Rod Drive Hydraulic System</u> - Rotate operating CRD pumps, trip of newly operating pump.	S; M; A	1
c. 259001 <u>Reactor Feed Water System</u> - Startup Second Reactor Feed Pump and place on Master level control, with failure of Automatic controller.	S; N; A	2
d. 226001 <u>RHR Containment Spray</u> - Secure Containment Sprays and align for injection to RPV with failure of one RHR injection valve.	S; N; A	5 ESF
e. 264000 <u>Emergency Diesel Generators</u> – Start, parallel, and load the Diesel Generator with trip of SSW.	S; D; A	6 ESF
f. 290003 <u>Control Room HVAC System</u> – Secure Control Room Standby Fresh Air System.	C; D	9 ESF
g. 239001 <u>Main &amp; Reheat Steam System</u> - Open Main Steam Isolation Valves.	S; D; L	3 ESF
h. 201005 <u>Rod Control &amp; Information System</u> – Operate RCIS to bring the reactor critical.	S; D; L	7
<b>In-Plant Systems</b> <sup>@</sup> (3 for RO; 3 for SRO-I; 3or2 for SRO-U)		
i. 295003 <u>Partial Loss of AC</u> – Reset undervoltage lockouts on buses when power is restored, with one lockout failing to reset.	R; M; E; A	6
j. 286000 <u>Fire Protection System</u> – Manually initiate fire suppression for the Standby Gas Filter Train with the train operating.	R; N; E	8
k. 295016 <u>Control Room Abandonment</u> – Startup RHR in Suppression Pool Cooling.	N; E; L	7 ESF
@ 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.		
* 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	
(L)ow-Power	≥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: <b>Grand Gulf Nuclear Station</b>		Date of Examination: <b>15 August 2005</b>
Exam Level (circle one) RO / <b>SRO-I</b> / SRO-U		Operating Test Number:
<b>Control Room Systems</b> <sup>@</sup> (8 for RO; 7 for SRO-I; 2 or 3 for SRO-U, including 1 ESF)		
System / JPM Title	Type Code*	Safety Function
a. 202001 <u>Recirculation System</u> - Startup idle Recirculation Pump <30% power with incomplete start actuation.	S; M; A	4
b. 201001 <u>Control Rod Drive Hydraulic System</u> - Rotate operating CRD pumps, trip of newly operating pump.	S; M; A	1
c. 259001 <u>Reactor Feed Water System</u> - Startup Second Reactor Feed Pump and place on Master level control, with failure of Automatic controller.	S; N; A	2
d. 226001 <u>RHR Containment Spray</u> - Secure Containment Sprays and align for injection to RPV with failure of one RHR injection valve.	S; N; A	5 ESF
e. 264000 <u>Emergency Diesel Generators</u> – Start, parallel, and load the Diesel Generator with trip of SSW.	S; D; A	6 ESF
f. 290003 <u>Control Room HVAC System</u> – Secure Control Room Standby Fresh Air System.	C; D	9 ESF
g. 239001 <u>Main &amp; Reheat Steam System</u> - Open Main Steam Isolation Valves.	S; D; L	3 ESF
h. N/A		
<b>In-Plant Systems</b> <sup>@</sup> (3 for RO; 3 for SRO-I; 3 or 2 for SRO-U)		
i. 295003 <u>Partial Loss of AC</u> – Reset undervoltage lockouts on buses when power is restored, with one lockout failing to reset.	R; M; E; A	6
j. 286000 <u>Fire Protection System</u> – Manually initiate fire suppression for the Standby Gas Filter Train with the train operating.	R; N; E	8
k. 295016 <u>Control Room Abandonment</u> – Startup RHR in Suppression Pool Cooling.	N; E; L	7 ESF
<p><sup>@</sup> 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	
(L)ow-Power	≥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: <b>Grand Gulf Nuclear Station</b>		Date of Examination: <b>15 August 2005</b>
Exam Level (circle one) RO / SRO-I / <b>SRO-U</b>		Operating Test Number:
<b>Control Room Systems<sup>@</sup></b> (8 for RO; 7 for SRO-I; 2 or 3 for SRO-U, including 1 ESF)		
System / JPM Title	Type Code*	Safety Function
a. 202001 <u>Recirculation System</u> - Startup idle Recirculation Pump <30% power with incomplete start actuation.	S; M; A	4
b. 201001 <u>Control Rod Drive Hydraulic System</u> - Rotate operating CRD pumps, trip of newly operating pump.	S; M; A	1
c. N/A		
d. N/A		
e. N/A		
f. 290003 <u>Control Room HVAC System</u> – Secure Control Room Standby Fresh Air System.	C; D	9 ESF
g. N/A		
h. N/A		
<b>In-Plant Systems<sup>@</sup></b> (3 for RO; 3 for SRO-I; 3 or 2 for SRO-U)		
i. N/A		
j. 286000 <u>Fire Protection System</u> – Manually initiate fire suppression for the Standby Gas Filter Train with the train operating.	R; N; E	8
k. 295016 <u>Control Room Abandonment</u> – Startup RHR in Suppression Pool Cooling.	N; E; L	7 ESF
<p><sup>@</sup> 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	$\leq 9 / \leq 8 / \leq 4$	
(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		