

Facility: <u>PERRY NUCLEAR POWER PLANT</u>		Date of Examination: <u>11/29/2004</u>
Examinations Developed by: Facility / NRC (circle one)		
Target Date*	Task Description (Reference)	Chief Examiner's Initials
-180	1. Examination administration date confirmed (C.1.a; C.2.a and b)	drm
-120	2. NRC examiners and facility contact assigned (C.1.d; C.2.e)	drm
-120	3. Facility contact briefed on security and other requirements (C.2.c)	drm
-120	4. Corporate notification letter sent (C.2.d)	drm
[-90]	[5. Reference material due (C.1.e; C.3.c; Attachment 2)]	drm
-75	6. Integrated examination outline(s) due, including Forms ES-201-2, ES-201-3, ES-301-1, ES-301-2, ES-301-5, ES-D-1's, ES-401-1/2, ES-401-3, and ES-401-4, as applicable (C.1.e and f; C.3.d)	drm
-70	7. Examination outline(s) reviewed by NRC and feedback provided to facility licensee (C.2.h; C.3.e)	n/a
-45	8. Proposed examinations (including written, walk-through JPMs, and scenarios, as applicable), supporting documentation (including Forms ES-301-3, ES-301-4, ES-301-5, ES-301-6, and ES-401-6), and reference materials due (C.1.e, f, g and h; C.3.d)	drm
-30	9. Preliminary license applications (NRC Form 398's) due (C.1.i; C.2.g; ES-202)	drm
-14	10. Final license applications due and Form ES-201-4 prepared (C.1.i; C.2.i; ES-202)	drm
-14	11. Examination approved by NRC supervisor for facility licensee review (C.2.h; C.3.f)	drm
-14	12. Examinations reviewed with facility licensee (C.1.j; C.2.f and h; C.3.g)	drm
-7	13. Written examinations and operating tests approved by NRC supervisor (C.2.i; C.3.h)	drm
-7	14. Final applications reviewed; examination approval and waiver letters sent (C.2.i; Attachment 4; ES-204)	drm
-7	15. Proctoring/written exam administration guidelines reviewed with facility licensee (C.3.k)	drm
-7	16. Approved scenarios, job performance measures, and questions distributed to NRC examiners (C.3.i)	drm
<p>* Target dates are keyed to the examination date identified in the corporate notification letter. They are for planning purposes and may be adjusted on a case-by-case basis in coordination with the facility licensee.</p> <p>[] Applies only to examinations prepared by the NRC.</p>		

Facility: PERRY U1 Date of Examination: 11/29/2004
 Examination Level (circle one): **RO** SRO Operating Test Number: 2004301

Administrative Topic (see Note)	Type Code*	Describe activity to be performed
Conduct of Operations	C/P/M	Verify a Working Copy of a Procedure Current Prior to Use
Conduct of Operations	C/D	Turnover Panel Walkdown
Equipment Control	C/M	Review Clearance for Adequacy
Radiation Control	N	Verify Applicable Radiological Controls
Emergency Plan		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:
 (C)ontrol room
 (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)
 (S)imulator

Facility: <u>PERRY U1</u>		Date of Examination: <u>11/29/2004</u>
Examination Level (circle one): RO / SRO		Operating Test Number: <u>2004301</u>
Administrative Topic (see Note)	Type Code*	Describe activity to be performed
Conduct of Operations	C/P/M	Verify a Working Copy of a Procedure Current Prior to Use
Conduct of Operations	C/N	Review HPCS Surveillance Run
Equipment Control	C/M	Review Clearance for Adequacy
Radiation Control	C/M	Inventory Control Room High Rad Series Keys/Missing Key (Verify Applicable Radiological Controls for SRO(U))
Emergency Plan	C/M	Complete Event Classification Checklist (EPI-A2)
<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 & Criteria:</p> <ul style="list-style-type: none"> (C)ontrol room (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) (S)imulator 		

Facility: <u>PERRY U1</u>		Date of Examination: <u>11/29/2004</u>
Exam Level (circle one): RO / SRO-I / SRO-U		Operating Test No.: <u>2004301</u>
Control Room Systems® (8 for RO; 7 for SRO-I; 2 or 3 for SRO-U)		
	System / JPM Title	Type Code* Safety Function
a.	RCIS/Bypass a control rod position at the RACS.	N/C 1
b.	HPCS/Shift HPCS from Full Flow Test to CST Mode to Injection Mode	N/S/A 2
c.	EDG/Shutdown a Divisional EDG to Standby	N/S/A 6
d.	LPCI/Place RHR B in Suppression Pool Feed and Bleed	N/S/L 4
e.	MT/Establish a Vacuum in the Main Condenser with the Mechanical Vacuum Pumps	N/C 9
f.	NIS/Respond to a Stuck SRM During Withdrawal of Detectors	N/S/L/A 7
g.	RHR/Start RHR Pump "B" in Suppression Pool Cooling	M/S 5
h.	MS/Attempt to Close a Stuck Open SRV	N/C/A 3
In-Plant Systems® (3 for RO; 3 for SRO-I; 3 or 2 for SRO-U)		
i.	PC/Vent the Primary Containment Through RHR	N/R 5
j.	DC/Shed Non-Essential DC Loads	N/R 6
k.	CCW/Shift Component Cooling Water Heat Exchangers	N/R 8
@ 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.		
* 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: PERRY U1 Date of Examination: 11/29/2004
 Exam Level (circle one): RO / **SRO-I** / SRO-U Operating Test No.: 2004301

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

System / JPM Title	Type Code*	Safety Function
a. RCIS/Bypass a control rod position at the RACS.	N/C	1
b. HPCS/Shift HPCS from Full Flow Test to CST Mode to Injection Mode	N/S/A	2
c. EDG/Shutdown a Divisional EDG to Standby	N/S/A	6
d. LPCI/Place RHR B in Suppression Pool Feed and Bleed	N/S/L	4
e. MT/Establish a Vacuum in the Main Condenser with the Mechanical Vacuum Pumps	N/C	9
f. NIS/Respond to a Stuck SRM During Withdrawal of Detectors	N/S/L/A	7
g. n/a	n/a	5
h. MS/Attempt to Close a Stuck Open SRV	M/S/A	n/a

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

i. PC/Vent the Primary Containment Through RHR	N/R	5
j. DC/Shed Non-Essential DC Loads	N/R	6
k. CCW/Shift Component Cooling Water Heat Exchangers	N/R	8

@ 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.

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(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: PERRY U1 Date of Examination: 11/29/2004
 Exam Level (circle one): RO / SRO-I / **SRO-U** Operating Test No.: 2004301

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

System / JPM Title	Type Code*	Safety Function
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b. HPCS/Shift HPCS from Full Flow Test to CST Mode to Injection Mode	N/S/A	2
c. EDG/Shutdown a Divisional EDG to Standby	N/S/A	6
d. n/a	n/a	n/a
e. n/a	n/a	n/a
f. n/a	n/a	n/a
g. n/a	n/a	n/a
h. n/a	n/a	n/a

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

i. PC/Vent the Primary Containment Through RHR	N/R	5
j. DC/Shed Non-Essential DC Loads	N/R	6
k. n/a	n/a	n/a

@ 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.

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