Facility: NMP2-NRC Date of Examination: 10/08
Examination Level: RO ☐ SRO ■ Operating Test Number: 1

Administrative Topic (see Note)	Type Code*	Describe activity to be performed
Conduct of Operations	N,C	***DETERMINE PERSONNEL OVERTIME AVAILABILITY*** Given a list of personnel and their previous work hours, determine who is available for overtime and why others are not available based on Tech Spec and administrative requirements. 2.1.5 (3.9) Ability to use procedures related to shift staffing, such as minimum crew requirements, overtime limitations, etc. GAP-FFD-02
Conduct of Operations	D,C	***ASSESS REPORTABILITY REQUIREMENTS FOR TRANSIENT PLANT CONDITIONS*** Given a series of plant events, determine the verbal reporting requirements per 10CFR50.72. 2.1.18 (3.0) Ability to make accurate/ clear and concise logs/ records/ status boards/ and reports. 10CFR50.72, NUREG 1022 REV 2
Equipment Control	P,C	***OFFSITE DOSE CALCULATION MANUAL (ODCM) ASSESSMENT FOR INOPERABLE EQUIPMENT*** Given conditions related to requirements within the ODCM and must determine the applicable actions. 2.2.38 (4.5) Knowledge of conditions and limitations in the facility license. ODCM
Radiation Control	M,C	***RADIOLOGICAL REQUIREMENTS RELATED TO OPERATOR INSPECTION OF HIGH RAD AREAS.*** Given radiological conditions related to an area to be inspected as shown on a survey map, and other applicable conditions such as the RWP, ensure the appropriate radiological aspects of the job are met prior to performance of the inspection. 2.3.12 (3.7) Knowledge of radiological principles related to licensed operator duties.

		GAP-RPP-01; 3.5, 3.6, 3.7, GAP-RPP-02; 3.1, 3,3, GAP-RPP-08; 3.2, 3.3, U2 HIGH RAD AREA INSPECTIONS
Emergency Plan	M,C	***CLASSIFY EMERGENCY EVENT AND PERFORM PARS*** Given plant conditions at an existing Site Area Emergency, determine the plant conditions now meet General Emergency conditions. Reclassify the event and determine PARs, based on conditions provided. (Time Critical) NRC 2002 SRO JPM A4 2.4.44 (4.4) Knowledge of emergency plan protective action recommendations. EAL Matrix, EPP-08

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: NMP2 RETAKE	Date of Examination: October 2008
Exam Level (circle one): **SRO**	Operating Test No.: 1

Control Room Systems@ (8 for RO; 2 or 3 for SRO-U, including 1 ESF)

	System / JPM Title	Type Code*	Safety Function
S-1	Recirc Flow Control/ Place RCS HPU Subloop in service, reset FCV lockout The candidate will place an HPU in service and reset the FCV lockout following a hot oil condition. K/A 202002 A4.02 2.8/2.8 N2-OP-29 Section E.1.0	N,S	1
S-2	Feedwater/ Shifting Feedwater Pumps at Power The candidate will shift Feedwater pumps at 65% power and respond to a controller failure. K/A 259001 A4.02 3.9/3.7 N2-OP-3 Section F.13.0	N,A,S	2
S-3	Reactor Core Isolation Cooling/ Initiate RCIC And Respond to Overspeed Trip The candidate will initiate RCIC. RCIC turbine will trip on overspeed during startup. Turbine must be reset and injection to the RPV re-established. K/A 217000 A4.02 3.9/3.9 N2-OP-35 H.1.0; ARP 601305	N,A,E,S	4
S-4	TBCLCW/RBCLCW/ Rotate In-Service Equipment The candidate will perform a routine equipment rotation for the TBCLCW & RBCLCW systems and respond to a temperature controller failure. K/A 400000 A4.01 3.1/3.0 N2-OP-13, 14; ARP 601244	N,A,S	8
S-5	Main Steam/ Depressurizing the RPV to the Main Condenser The candidate will depressurize the RPV to the Main Condenser to facilitate an RPV Blowdown. The MSIVs will not open requiring additional actions to depressurize. K/A 239001 A4.09 3.9/3.9 N2-EOP-6, Att.18	D,A,E,S	3
S-6	AC Electrical/ Energize Reserve Station XFRMR from Line 6 and energize NPS-SWG003 from Reserve Station XFRMR 1B The candidate will energize Reserve Station XFRMR from line 6 and energize NPS-SWG003 from Reserve Station XFRMR 1B. K/A 262001 A2.07 3.0/3.2 N2-SOP-3 (NRC 2005)	P,L,S	6
S-7	RHR/ Suppression Pool Cooling and Spray using RHS "A" The candidate will align RHS "A" to for Supression Pool Cooling and Spray. K/A 219001 A4.01 3.8/3.7 N2-EOP-6 Att.22	N,E,L,S	5

In-Plant Systems@ (3 for RO; 3 or 2 for SRO-U)			
P-1	Aligning Service Water to SFC Heat Exchanger 1A The candidate will align Service Water to Spent Fuel Pool Heat Exchanger 1A K/A 295018 AA1.01 3.3/3.4 N2-SOP-38 Att.5, Section 1.0	D,E,R	8
P-2	Control Rod Drive/ Isolate an HCU 34-23 with Cooling Water The candidate will isolate an inoperable HCU maintaining cooling water available. K/A 201001 A1.06 3.4/3.4 N2-OP-30 Section F.8.2	N,R	1
P-3	Offgas/ Offgas Recovery After Automatic Shutdown The candidate will respond to an automatic Offgas isolation and recover the system. K/A 271000 A1.08 3.1/3.1 N2-OP-42, Section H.1.0	D,R	9

@ 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 / 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	