

Facility: <u>Point Beach Nuclear Plant U1/U2</u>	Date of Examination: <u>July 2021</u>	
Exam Level: RO <input checked="" type="checkbox"/> SRO-I <input type="checkbox"/> SRO-U <input type="checkbox"/>	Operating Test Number: <u>2021</u>	
Control Room Systems: * 8 for RO, 7 for SRO-I, and 2 or 3 for SRO-U		
System/JPM Title	Type Code*	Safety Function
a. Control Rod Drive System / Perform Rod Exercise Test 001A3.05 (3.5/3.5) <i>Bank Rods exercised, overlap counter discrepancy corrected and returned to original position</i> Previous 2017	A, D, P, S	1
b. Chemical and Volume Control System / Shift Charging Pump Suction Between the VCT and RWST 004A3.01 (3.5/3.7) <i>Attempt normal boration to target load, end with charging pump suction to the RWST per RNO</i>	A, D, S	2
c. Emergency Core Cooling System / Adjust Accumulator Pressure 006A1.13 (3.5/3.7) <i>Lower accumulator pressure without to the target range</i>	D, EN, S	3
d. Residual Heat Removal / Stroke Open Test 1SI-852A, Low Head SI Core Deluge Isolation 005A1.07 (2.5/3.1*) <i>Perform a partial stroke test</i> Previous 2019	D, EN, P, S	4P
e. Containment Spray System / Align Containment Spray Pump for Containment Sump Recirc with Suction Supplied by the RHR Pump 026A4.01 (4.5/4.3) <i>Align containment spray with Spray pump suction supplied from RHR and throttle RHR recirc to as high as possible and less than the limit (time critical)</i>	A, D, EN, L, S	5
f. Emergency Diesel Generator / Island EDG Per 1-SOP-4KV-001 064A4.01 (4.0/4.3) <i>Island G01, Emergency Diesel Generator to IA-05, Safeguards Bus</i>	D,S	6
g. Nuclear Instrumentation System / Perform a partial flux map using incore instrumentation 015A3.01 (3.8/3.8) or 015A4.02 (3.9/3.9)	N, S	7
h. Control Room Ventilation (Accidental Gaseous Radwaste Release) / Shift Ventilation Lineups for Various Modes 060AA1.02 (2.9/3.1) <i>Restore ventilation system from Mode 5 to Mode 1</i>	D, S	9
In-Plant Systems: * 3 for RO, 3 for SRO-I, and 3 or 2 for SRO-U		
i. Service Water System / Determine SW Flow as a Function of Header DP 076A2.02 (2.7/3.1) <i>Record data and determine and take required actions to ensure required Service Water Flow</i>	A, N	4S
j. Emergency Diesel Generator / Transfer Fuel Oil Between Day Tanks 064K1.03 (3.6/4.0) Transfer fuel oil from T-175B to T-175A with Fuel Oil Transfer pump Previous 2017	D, P	6
k. Spent Fuel Pool Cooling System / Respond to Loss of Spent Fuel Pool Cooling 033A2.02 (2.7/3.0) <i>Restore SFP cooling by shifting to 'B' train pump and heat exchanger</i>	A, 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 five SRO-U systems must serve different safety functions, and in-plant systems and functions may overlap those tested in the control room.</p>	
* Type Codes	Criteria for R /SRO-I/SRO-U
<p>(A)lternate path (C)ontrol room (D)irect from bank (E)mergency or abnormal in-plant (EN)gineered safety feature (L)ow-Power/Shutdown (N)ew or (M)odified from bank including 1(A) (P)revious 2 exams (R)CA (S)imulator</p>	<p>4-6/4-6 /2-3 $\leq 9/\leq 8/\leq 4$ $\geq 1/\geq 1/\geq 1$ $\geq 1/\geq 1/\geq 1$ (control room system) $\geq 1/\geq 1/\geq 1$ $\geq 2/\geq 2/\geq 1$ $\leq 3/\leq 3/\leq 2$ (randomly selected) $\geq 1/\geq 1/\geq 1$</p>

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