

Facility: <u>Braidwood Station</u> Exam Level: RO <input checked="" type="checkbox"/> SRO-I <input type="checkbox"/> SRO-U <input type="checkbox"/>	Date of Examination: <u>11/10/14</u> Operating Test Number: <u>2014 301</u>
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Control Room Systems[@] (8 for RO); (7 for SRO-I); (2 or 3 for SRO-U, including 1 ESF)

System / JPM Title	Type Code*	Safety Function
a. SIM-102 Perform Movable Control Assembly Quarterly Surveillance	D, S, P	1
b. SIM-205 Raise SI Accumulator level using 1B SI pump	A, N, S	2
c. SIM-302 Transfer to Cold Leg Recirculation	A, D, L, S	3
d. SIM-416S CD/CB Pump Trip	N, S	4S
e. SIM-510 Start 1A CS pump for Surveillance	M, S	5
f. SIM-608A Synchronize 1A DG and respond to Gov Adj and overspeed trip failures	A, D, S	6
g. SIM-711 Place Channel Service Status from "Out of Service" to "In Service"	N, S	7
h. SIM-801 Respond to a RCP Thermal Barrier Leak	A, D, P, S	8

In-Plant Systems[@] (3 for RO); (3 for SRO-I); (3 or 2 for SRO-U)

i. IP-104 Local Reactor Trip	A, D, E	1
j. IP-206 Local reset of Phase A	D, E	2
k. IP-409S Locally start the 2B AF pump	D, R	4S

[@] 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	

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