

Tier / Group	Randomly Selected K/A	Reason for Rejection
RO Tier 1 / Group 1	APE 022AK1.04	<p>Loss of Reactor Coolant Makeup Reason for changing from manual to automatic control of charging flow valve controller PBNP does not have a Charging Flow Valve Controller which has an automatic feature Reselected 022AK1.03</p>
RO Tier 1 / Group 1	EPE 038EK1.04	<p>Steam Generator Tube Rupture (SGTR) Reflux boiling Reflux boiling is not used as a mitigation strategy for SGTR at PBNP Reselected 038EK1.01</p>
RO Tier 1 / Group 1	APE 054K2.*	<p>Loss of Main Feedwater (MFW) No K2.* K/A with an RO Importance Rating ≥ 2.5 Reselected 054G2.2.36</p>
RO Tier 1 / Group 1	EPE 055EK2.*	<p>Loss of Offsite and Onsite Power (Station Blackout) No K2.* K/A with an RO Importance Rating ≥ 2.5 Reselected 055G2.4.8</p>
RO Tier 1 / Group 1	W/E04EA2.1	<p>LOCA Outside Containment Facility conditions and selection of appropriate procedures during abnormal and emergency operations Determined to be an SRO level question due to selection of procedures while within the EOP network Reselected W/E04EA2.2</p>
RO Tier 1 / Group 2	APE 059AK1.05	<p>Accidental Liquid Radioactive-Waste Release The calculation of offsite doses due to a release from the power plant This is not an RO responsibility/job at PBNP Reselected 059AK1.01</p>
RO Tier 1 / Group 2	W/E13EA2.1	<p>Steam Generator Overpressure Facility conditions and selection of appropriate procedures during abnormal and emergency operations This is not an RO responsibility at PBNP due to being a "Yellow" Critical Safety Function Path. Reselected W/E13EA2.2</p>
RO Tier 2 / Group 1	SYS 010A3.01	<p>Pressurizer Pressure Control System (PZR PCS) PRT temperature and pressure during PORV testing No PORV testing is performed at PBNP which causes a temperature change in the PRT Reselected 010A3.02</p>
RO Tier 2 / Group 1	SYS 078K5.*	<p>Instrument Air System (IAS) No K5.* K/A with an RO Importance Rating ≥ 2.5 Reselected 078K1.04, see explanation below (061K1.*)</p>

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RO Tier 2 / Group 1	SYS 061K1.*	<p>Auxiliary / Emergency Feedwater (AFW) System</p> <p>Was not used due to no 078K5.* K/A with an RO Importance Rating ≥ 2.5, randomly selected the available K/As within 078 (Instrument Air) which had a K/A ≥ 2.5, and then randomly exchanged it with an already selected K/A (i.e., 061K1.*)</p> <p>Reselected 061K5.05</p>
RO Tier 2 / Group 1	SYS103K5.*	<p>Containment System</p> <p>No K5.* K/A with an RO Importance Rating ≥ 2.5</p> <p>Reselected 103K3.01, see explanation below (073K3.*)</p>
RO Tier 2 / Group 1	SYS 073K3.*	<p>Process Radiation Monitoring (PRM) System</p> <p>Was not used due to no 103K5.* K/A with an RO Importance Rating ≥ 2.5, randomly selected the available K/As within 103 (Containment) which had a K/A ≥ 2.5, and then exchanged it with an already selected K/A (i.e., 073K3.*)</p> <p>Reselected 073K5.01</p>
RO Tier 2 / Group 1	SYS 076K4.01	<p>Service Water System (SWS)</p> <p>Conditions initiating automatic closure of closed cooling water auxiliary building header supply and return valves</p> <p>The Auxiliary Building at PBNP does not have header supply and return valves with an automatic closure</p> <p>Reselected 076K4.06</p>
RO Tier 2 / Group 1	SYS 076K4.06	<p>Service Water System (SWS)</p> <p>Service water train separation</p> <p>Train separation is only achieved by Service Water Pump power supplies at PBNP</p> <p>Reselected 076K4.02</p>
RO Tier 2 / Group 2	SYS 029A4.04	<p>Containment Purge System (CPS)</p> <p>Containment evacuation signal</p> <p>Unable to construct a question with the required level of difficulty</p> <p>Reselected 029A4.01</p>
RO Tier 2 / Group 2	SYS 029A4.01	<p>Containment Purge System (CPS)</p> <p>Containment purge flow rate</p> <p>Purge flow rate of the Containment Purge System is not monitored</p> <p>No further A4.* K/A exist with an RO Importance Rating ≥ 2.5, selected 029A3.01 due to A3 not being sampled within Tier 2/Group2</p>
RO Tier 2 / Group 2	SYS 041K1.02	<p>Steam Dump System (SDS) and Turbine Bypass Control</p> <p>S/G level</p> <p>Unable to construct a question with the required level of difficulty</p> <p>Reselected 041K1.05</p>
SRO Tier 1 / Group 1	APE 026G2.2.4	<p>Loss of Component Cooling Water (CCW) (multi-unit license) Ability to explain the variations in control board/control room layouts, systems, instrumentation, and procedural actions between units at a facility</p> <p>No differences between the units which can be leveraged as a question to the requirements of an SRO level question (meeting the requirements of 10CFR55.43(b))</p> <p>Reselected 026G2.2.38</p>

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SRO Tier 1 / Group 1	APE 040AA2.02	<p>Steam Line Rupture Conditions requiring a reactor trip</p> <p>Unable to write a question to the requirements of an SRO level question (meeting the requirements of 10CFR55.43(b))</p> <p>Reselected 040AA2.04</p>
SRO Tier 1 / Group 2	APE 036G2.1.25	<p>Fuel Handling Incidents Ability to interpret reference materials, such as graphs, curves, tables, etc</p> <p>Unable to write a question to the requirements of an SRO level question (meeting the requirements of 10CFR55.43(b))</p> <p>Reselected 036G2.1.31</p>
SRO Tier 1 / Group 2	APE 036G2.1.31	<p>Fuel Handling Incidents Ability to locate control room switches, controls, and indications, and to determine that they correctly reflect the desired plant lineup.</p> <p>Unable to write a question to the requirements of an SRO level question (meeting the requirements of 10CFR55.43(b))</p> <p>Reselected 036G2.1.23</p>
SRO Tier 2 / Group 1	SYS 007A2.06	<p>Pressurizer Relief Tank/Quench Tank System (PRTS) Bubble formation in PZR</p> <p>Unable to write a question to the requirements of an SRO level question (meeting the requirements of 10CFR55.43(b))</p> <p>Reselected 007A2.07</p>
SRO Tier 2 / Group 1	SYS 007A2.07	<p>Pressurizer Relief Tank/Quench Tank System (PRTS) Recirculating quench tank</p> <p>There are no procedures at PBNP which accomplish this task. Unable to write a question to the requirements of an SRO level question (meeting the requirements of 10CFR55.43(b))</p> <p>Reselected 007A2.01</p>
SRO Tier 2 / Group 2	SYS 011G2.1.31	<p>Pressurizer Level Control System (PZR LCS) Ability to locate control room switches, controls, and indications, and to determine that they correctly reflect the desired plant lineup</p> <p>Unable to write a question to the requirements of an SRO level question (meeting the requirements of 10CFR55.43(b))</p> <p>Reselected 011G2.1.32</p>
RO Tier 2 / Group 2	SYS 022G2.2.4	<p>Containment Spray System (CSS) (multi-unit license) Ability to explain the variations in control board/control room layouts, systems, instrumentation, and procedural actions between units at a facility</p> <p>Unable to write a question to meet this K/A due to no major differences between units for this system</p> <p>Reselected 022G2.2.39</p>
RO Tier 2 / Group 1	SYS 078K1.04	<p>Instrument Air System (IAS) Cooling water to compressor</p> <p>Unable to write a question to meet this K/A due only one station air compressor has cooling water supplied to it, and there is a question focused on this in the test already (SRO Tier 1/Group 1, 065A204 - Typical conditions which could cause a compressor trip (e.g., high temperature)</p> <p>Reselected 078K1.05</p>