

Tier / Group	Randomly Selected K/A	Reason for Rejection
Tier 1/ Group 1 RO	025 Loss of Residual Heat Removal System (RHRS) AK3.03:	This K/A requires the knowledge of the immediate actions for loss of RHR. At Prairie Island, there are no immediate actions for a loss of RHR. Immediate actions are designated in procedures by the steps having circles around them. E-4, Core Cooling following Loss of RHR Flow, is the EOP for loss of residual heat removal and does not have any steps with circles around them. Randomly selected 025 AK3.01 as a replacement.
Tier 1/ Group 1 RO	055 Loss of Offsite and Onsite Power (Station Blackout) EK2.07:	This K/A is less than 2.5. All K/A values for 055 EK2 are below 2.5. Randomly selected 055 EK3.02 as a replacement.
Tier 1/ Group 1 RO	065 Loss of Instrument Air AA2.07	Prairie Island does not use backup nitrogen to control valve positions in the event of a loss of instrument air. Randomly selected 065 AA2.06.
Tier 2/ Group 1 RO	008 Component Cooling Water System (CCWS) K5.05:	This K/A is less than 2.5. All K/A values for 008 K5 are below 2.5. Randomly selected 008 A1.04 as a replacement.
Tier 2/ Group 1 RO	010 Pressurizer Pressure Control System (PZR PCS) A3.01:	All three original K/As in Category K5 in Tier 2 / Group 1 were rejected because of the K/A value being less than 2.5. Furthermore, all three of those K/As could not be replaced with a K/A in Category K5 of their respective system because Category K5 of those systems have no K/As above 2.5. Therefore, two systems within Tier 2 / Group 1 were randomly chosen to have their category changed to K5 to ensure requirement in Note 1 is met (i.e. Ensure that at least two topics from every applicable K/A category are sampled within each tier of the RO outline). Therefore, this K/A was rejected and replaced with 010 K5.02.
Tier 2/ Group 1 RO	022 Containment Cooling System (CCS) K5.01:	This K/A is less than 2.5. All K/A values for 022 K5 are below 2.5. Randomly selected 022 K2.01 as a replacement.
Tier 2/ Group 1 RO	059 Main Feedwater (MFW) System A2.07	Prairie Island does not have turbine driven main feedwater pumps; they are all electric driven. Randomly selected 059 A2.03.

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Tier 2/ Group 1 RO	061K301: Auxiliary / Emergency Feedwater (AFW) System	All three original K/As in Category K5 in Tier 2 / Group 1 were rejected because of the K/A value being less than 2.5. Furthermore, all three of those K/As could not be replaced with a K/A in Category K5 of their respective system because Category K5 of those systems have no K/As above 2.5. Therefore, two systems within Tier 2 / Group 1 were randomly chosen to have their category changed to K5 to ensure requirement in Note 1 is met (i.e. Ensure that at least two topics from every applicable K/A category are sampled within each tier of the RO outline). Therefore, this K/A was rejected and replaced with 061 K5.03.
Tier 2/ Group 1 RO	064K5.03: Emergency Diesel Generators (ED/G)	This K/A is less than 2.5. All K/A values for 064 K5 are below 2.5. Randomly selected 064K6.07 as a replacement.
Tier 2/ Group 1 RO	073K6.03: Process Radiation Monitoring (PRM) System	This K/A is less than 2.5. All K/A values for 073 K6 are below 2.5. Randomly selected 073 K4.01 as a replacement.
Tier 2/ Group 1 RO	078A2.01: Instrument Air System (IAS)	This K/A is less than 2.5. There is no other K/As in 078 A2. Randomly selected 078 A3.01 as a replacement.
Tier 2/ Group 1 RO	103K1.04: Containment System	This K/A is less than 2.5. Randomly selected 103 K1.03 as a replacement.
Tier 2/ Group 2 RO	055K2.02: Condenser Air Removal System (CARS)	This K/A is less than 2.5. All K/A values for 055 K2 are below 2.5. Randomly selected 055 A3.03 as a replacement.
Tier 2/ Group 2 RO	068K3.01: Liquid Radwaste System (LRS)	This K/A is less than 2.5. All K/A values for 068 K3 are below 2.5. Randomly selected 068 K1.07 as a replacement.
Tier 2/ Group 2 RO	079K5.02: Station Air System (SAS)	This K/A is less than 2.5. All K/A values for 068 K3 are below 2.5. Randomly selected 068 K4.01 as a replacement.
Tier 1/ Group 1 SRO	015/017: 2.1.28: Reactor Coolant Pump (RCP) Malfunctions	This K/A requires knowledge of the purpose and function of major system components; which is RO ONLY knowledge. Therefore unable to prepare a question at the SRO license level for this K/A. Randomly selected 015/017 2.1.12 as a replacement.
Tier 1/ Group 1 SRO	022A2.03: Loss of Reactor Coolant Makeup	Unable to prepare question at the SRO license level for this K/A. This K/A requires the operator to determine whether a charging line leak exists. At Prairie Island, Reactor Operators are required to diagnose leak locations on the RCS. Also, at Prairie Island, 1C4 AOP1, is used to respond to a RCS leak. We attempted to develop a SRO question regarding this AOP to meet this K/A; however, it resulted in a question that only required the knowledge of entry conditions into other AOPs. This is RO ONLY knowledge. Randomly selected 022 A2.02 as a replacement.

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Tier 1/ Group 1 SRO	025: 2.4.35: Loss of Residual Heat Removal System	Emergency Operating Procedure E-4, Core Cooling Following Loss of RHR Flow, is used by the Shift Supervisor to respond to a Loss of RHR System. In E-4, the auxiliary operator initiates containment closure. While developing a question for this K/A, we researched EAL classification pertaining to this type of event. This research revealed a discrepancy with Prairie Island's EAL matrix with inappropriately referencing a TS Bases that no longer exists. The Exam Team determined this issue had to be entered into corrective action immediately instead of waiting until the exam project was complete. As such, this question and K/A is being rejected to prevent exam compromise. See CAP-01496615. Randomly selected 055 2.4.20 as a replacement.
Tier 2/ Group 1 SRO	078A2.01: Instrument Air System (IAS)	Unable to prepare question at the SRO license level for this K/A. This K/A requires the ability to predict the impacts of a air dryer and filter malfunction and use procedures to correct, control, or mitigate the consequences. For an air dryer and filter malfunction at Prairie Island, the operators would enter 1C34 AOP1, Loss of Instrument Air, and would trip the reactor if the air loss is significant enough. Entry conditions into AOPs are RO ONLY knowledge. Also, knowing when to trip the reactor is also RO ONLY knowledge. This K/A is the only K/A in A2 for Instrument Air System; therefore, the topic and K/A were rejected. Randomly selected 063 A2.02 as a replacement.