
2014 K/A Selection Methodology and Suppression Report

1. The systematic and random sampling of K/As for the Palisades Nuclear Plant October 2014 NRC Written Exam was performed in accordance with the following:
 - NUREG-1021, Rev. 9 Supplement 1, ES-401, Attachment 1, "Example Systematic Sampling Methodology"
 - NUREG-1021, Rev. 9 Supplement 1, ES-401, D.1.b

2. K/A Suppression:

Suppression of K/As was minimal and in accordance with the guidance mentioned in Step 1 of this methodology document. K/A suppression was as follows:

Fifteen Tier 1 K/A topics were suppressed that are vendor specific to a plant design other than Combustion Engineering. The following are the Tier 1 K/A topics that were suppressed:

- W/E04 LOCA Outside Containment / 3
- W/E11 Loss of Emergency Coolant Recirc. / 4
- BW/E04; W/E05 Inadequate Heat Transfer - Loss of Secondary Heat Sink / 4
- W/E01 & E02 Rediagnosis & SI Termination / 3
- W/E13 Steam Generator Over-pressure / 4
- W/E15 Containment Flooding / 5
- W/E16 High Containment Radiation / 9
- BW/A01 Plant Runback / 1
- BW/A02&A03 Loss of NNI-X/Y / 7
- BW/A04 Turbine Trip / 4
- BW/A05 Emergency Diesel Actuation / 6
- BW/A07 Flooding / 8
- BW/E03 Inadequate Subcooling Margin / 4
- BW/E08; W/E03 LOCA Cooldown - Depress. / 4
- BW/E13&E14 EOP Rules and Enclosures

One Tier 2 K/A topic, "025 Ice Condenser System," was suppressed due to prior knowledge that Palisades design does not use Ice Condensers.

3. K/A Selection:

- Numbered tokens were used in the K/A selection process.
 - These tokens were manually and randomly selected from a large cup.
 - Automatic generation software was not used in the selection process.
4. SRO Only questions - K/As were randomly selected from either the "A2" or "G" categories. This was completed per ES-401, Attachment 1, item 4.
 5. Tier 1 and Tier 2 randomly selected generic category ("G") K/As were selected from the 41 generic K/As listed in ES-401, section D.1.b.
 6. After initial random selection, a total of 27 K/As were rejected for various reasons, as documented on Form ES-401-4, "Record of Rejected K/As," as required.