

Waterford III 2002 SRO/RO Initial License Examination
Justifications for Changes from Initial Approved Outlines

Written Examination

RO Outline

1. Corrected typo for K/A for 000040 Steam Line Rupture. This changed the K/A number to AK3.03 to match the description of the K/A per Rev. 2 of K/A catalog.
2. Changed K/A for 026 Containment Spray in Tier 2/Group 2 to A3.01 from 2.1.12. The original K/A was more appropriate for the SRO examination. Two K/As were selected for Containment Spray on the SRO examination one of which was more appropriate for the RO examination (A3.01).

SRO Outline

1. Corrected typo for K/A for 000040 Steam Line Rupture. This changed the K/A number to AK3.03 to match the description of the K/A per Rev. 2 of K/A catalog.
2. Changed K/A for 000065 Loss of Instrument Air in Tier 1/Group 2 to AK3.08 from AK3.04. This was done to eliminate overlap with the K/A selected for 079 Station Air in Tier 2/Group 2.
3. Changed K/A for 000003 Dropped Control Rod in Tier 1/Group 1 to AK3.04 from AK3.06. This was done to develop an SRO Level question.
4. Changed K/A for 000028 Dropped Control Rod in Tier 1/Group 3 to AK3.05 from AK3.03. This was done to develop an SRO Level question.

Category C Outline

1. Moved Event 4 to Event 1 in Scenario 3 of Op-Test 2. This was done to ensure the Charging pumps would trip on low suction pressure. The original order of events had another source of suction aligned to the pumps when the VCT valve failed closed. Although the other source is not necessarily adequate the suction pressure would cycle vice go to a low value that would meet the 10 second time delay on the Low Suction Pressure trip.
2. Eliminated the Seismic Event initiator for Event 5 of Scenario 1 of Op-Test 1. The event was intended to be a reason for a second non-mechanistic break; however, it is not needed because there is a probability of rupturing tubes in a dry S/G following an ESD event. Additionally, the scenario is long and has a higher difficulty than the other scenarios even without the Seismic Event.

RO Category A Outline

1. Deleted A3 JPM and replaced it with a question at the lead examiner's request.