

Comments on FCS 6/2001 Initial Exam Draft Outlines

Written Exam Outlines

- Written Exam Outline for Ros appears appropriate.
- Written Exam Outline for SROs appears ok except for sampling from the 55.43 area. 55.43 states that the written examination for a senior operator ... will include a representative sample from among the following seven items... The draft outlines submitted only sample in 4 of the 7 areas. The outline should be changed to incorporate some additional sample areas in 55.43.

Job Performance Measures

I am assuming that the B.1 grouping of JPMs are conducted in the simulator. The Type Codes do not indicate this. Nor do the JPMs listed in B.2

Need to verify that JPM "Transfer PZR Pressure Control from Manual to Auto" is not just a repeat of actions taken in Scenario 2, Event 5.

Also, all the SRO JPMs are identical to the RO. What differentiate between the two. Suggest a couple JPMs for the SROs that are different.

Scenarios

Need to submit 301-5 and 301-6 with draft operating exams.

At least one (1) scenario should either have a "loss of SPDS" malfunction or in the initial conditions have it OOS. This forces the crew to use alternative indications.

All Scenarios—Ensure TS actions incorporated for the SROs such as taking actions to Bypass a failed Channel.

Scenario 2 has an ATWS (3 rods stuck out and emergency boration as the reactivity manipulation. Need to change this such that a larger ATWS is seen and the reactivity change by emergency boration is greater and makes an actual power reduction. Or change the malfunction to something else.

Spare Scenario has a reactivity manipulation as "realignment of a rod with a group". This would be alright if this was a recovery of a dropped rod. The reactivity change needs to be greater.

SRO actions look buried in the outlines, such as TS actions. DO the SROs have involvement in all malfunctions?

Admin

RP area same for SRO and RO. Suggest make different for SRO with great difficulty.