

# 2015 Davis-Besse Initial Licensed Operator Examination Outline Review

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## I. Operating Test

### A. RO Admin JPMs

#### 1. JPM A1.1

K/A 2.1.43 was selected and tested on the last RO Exam; was the K/A randomly selected?

RESPONSE:

The previous two exams included reactivity calculations all of which test similar knowledge and abilities. Recommend replacement of the selected K/A with one that does not involve a reactivity calculation.

RESPONSE: Selected another K/A (2.1.20) Reactor Water Inventory Balance

#### 2. JPM A2

K/A 2.2.13 has been selected and tested on two of the last three exams; was the K/A randomly selected?

RESPONSE:

These exams tested the preparation/review of tagouts/clearances. Recommend selecting a different K/A that doesn't involve safety tagging/clearances.

RESPONSE: Selected another K/A (2.2.15) Use plant drawings to determine how to isolate a leak.

### B. SRO Admin JPMs

#### 1. JPM A1.1

K/A 2.1.43 was selected and tested on the last SRO Exam; was the K/A randomly selected.

RESPONSE:

The previous two exams included review of reactivity calculations all of which test similar knowledge and abilities. Recommend replacement of the selected K/A with one that does not involve a reactivity calculation/review.

RESPONSE: Selected another K/A (2.1.20) Review Reactor Water Inventory Balance

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## 2. **JPM A4**

Two of the last three SRO exams have included JPMs to classify emergency events and make notifications. Recommend selecting a JPM that does not involve an emergency classification.

RESPONSE: Selected another K/A Task to initiate notification of ERO.

## C. **Control Room Systems/In-Plant JPMs – No Comments** D. **Simulator Scenarios**

### 1. **ES-301-5**

Recommend testing a crew with two ROs and the Upgrade SRO and a crew with two of the SROs using a Surrogate in the BOP position.

### 2. **Scenario 1, Event 6**

Evaluate whether BOP should get a NORMAL credit for power reduction.

RESPONSE: Determined that BOP should NOT get a NORMAL credit for power reduction.

### 3. **Scenario 1, Event 7**

Are the automatic reactor trip functions also disabled? Auto trips must be disabled to take credit for the Critical Task.

RESPONSE: AUTO trips are disabled.

### 4. **Scenario 2, Event 7**

What is the feasibility of three Nis failing at the same time?

RESPONSE: Highly unlikely, but only way to exercise the AOP action.

### 5. **Scenario 2, Event 6/Scenario 3, Event 5**

The BOP should probably get credit for a NORMAL evolution associated with the Power Reduction

RESPONSE: Will evaluate during validation.

RESPONSE: Determined that BOP should NOT get a NORMAL credit for power reduction.

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## 6. Scenario 3, Event 2

Why is response to the PORV leak a Critical Task? Does the leak exceed the capacity of the MU/ECCS?

RESPONSE: Leak does not exceed capacity of MU/ECCS. Reclassified as a non-critical task.

POST EXAM COMMENT – Should have remained a Critical Task, since failure to complete task significantly impacts the mitigation of the subsequent Steam Generator Tube Rupture.

## II. Written Exam – No Comments