

Facility: <u>Brunswick</u>		Date of Examination: <u>October 2014</u>
Examination Level: RO <input type="checkbox"/> SRO <input type="checkbox"/>		Operating Test Number: <u>FINAL</u>
Administrative Topic (see Note)	Type Code*	Describe activity to be performed
Conduct of Operations (COO-01) (RO, then SRO)	R, M	<b>Calculate GAFS and T.S. Assessment</b>  2.1.23 Ability to perform specific system and integrated plant procedures during all modes of operation.
Conduct of Operations (COO-02) (RO)	R, M	<b>Verifying SLC Operating Parameters</b>  2.1.7 Ability to evaluate plant performance and make operational judgments based on operating characteristics, reactor behavior, and instrument interpretation.
Conduct of Operations (COO-03) (SRO)	R, D	<b>Evaluate Plant Chemistry Limits During Condenser Tube Leak</b>  2.1.34 Knowledge of primary and secondary plant chemistry limits.
Equipment Control (RO and SRO)	R, D	<b>Evaluate a CRD Clearance</b>  2.2.13 Knowledge of tagging and clearance procedures.
Radiation Control (RO and SRO)	R, D, P	<b>Determine Total Dose for ALARA</b>  2.3.7 Ability to comply with radiation work permit requirements during normal or abnormal conditions
Emergency Procedures/Plan (SRO Only)	R, N	<b>Classify an Emergency per PEP-2.1</b>  2.4.29 Knowledge of the emergency plan.
NOTE: All items (5 total) are required for SROs. RO applicants require only 4 items unless they are retaking only the administrative topics, when all 5 are required.		
* Type Codes & Criteria: <ul style="list-style-type: none"> <li>(C)ontrol room, (S)imulator, or Class(R)oom</li> <li>(D)irect from bank (<math>\leq 3</math> for ROs; <math>\leq 4</math> for SROs &amp; RO retakes)</li> <li>(N)ew or (M)odified from bank (<math>\geq 1</math>)</li> <li>(P)revious 2 exams (<math>\leq 1</math>; randomly selected)</li> </ul>		

**Conduct of Operations (COO-01) (RO, then SRO)**

Calculate GAFs and Tech Spec Assessment

R, M

K/A 2.1.23 Ability to perform specific system and integrated plant procedures during all modes of operation.

This is a modified JPM that requires the Examinee to calculate Gain Adjustment Factors (GAFs) per OPT-01.8C, and then the SRO determines the Tech Spec implications based on the calculations. Numbers were modified to provide different values for calculated GAFs and different GAFs that were out of spec.

**Conduct of Operations (COO-02) (RO)**

Verifying SLC Operating Parameters

K/A 2.1.7 Ability to evaluate plant performance and make operational judgments based on operating characteristics, reactor behavior, and instrument interpretation.

This is a modified JPM that requires the RO to verifying SLC Tank operating parameters. This is part of the RO DSR. Parameters were changed to provide satisfactory results.

**Conduct of Operations (COO-03) (SRO)**

Evaluate Plant Chemistry Limits during Condenser Tube Leak

R, M

2.1.34 Knowledge of primary and secondary plant chemistry limits.

This is a bank JPM that was used on the 2008 NRC Exam. It requires the Examinee to evaluate plant chemistry limit IAW 0AOP-26.0, High Reactor Coolant Or Condensate Conductivity and then determine the determine applicable actions required by 0AI-81, Water Chemistry Guidelines, related to plant operations.

**Equipment Control (RO and SRO)**

Evaluate a Clearance Boundary – 2A CRD Pump

R, D

K/A 2.2.13 Knowledge of tagging and clearance procedures.

This is a bank JPM that was used on the 2008 NRC exam. Given a boundary request form and a written clearance, the Examinee must evaluate the clearance for safety and accuracy.

**Radiation Control (RO and SRO)**

Determine Total Dose for ALARA

R, M

K/A 2.3.7 Ability to comply with radiation work permit requirements during normal or abnormal conditions.

The is a bank JPM that was used on the previous NRC Exam (2012). It required the Examinee to determine the travel path which gives the lowest dose, ALARA.

**Emergency Procedures/Plan (SRO only)**

Classify and Emergency IAW OPEP-2.1

R, N

K/A 2.4.40 Knowledge of SRO responsibilities in Emergency Plan implementation.

This is a new JPM that requires the SRO Examinee to classify and emergency. Although classification JPMs have been use in previous exams, the classification requirements for this JPM are new.