

Facility: Comanche Peak		Date of Examination: 04/16/2007
Examination Level RO		Operating Test Number: NRC
Administrative Topic (see Note)	Type Code*	Describe activity to be performed
Conduct of Operations	M, R	2.1.25 Ability to obtain and interpret station reference materials such as graphs, nomographs, and tables which contain performance data (2.8).  JPM: Perform an RWST blended makeup calculation (RO1307).
Conduct of Operations	M, R	2.1.23 Ability to perform specific system and integrated plant procedures during all modes of plant operation (3.9).  JPM: Perform a calorimetric heat balance (RO1804A).
Equipment Control	M, R	2.2.12 Knowledge of surveillance procedures (3.0).  JPM: Review completed surveillance for accuracy (RO8003).
Radiation Control	N, R	2.3.10 Ability to perform procedures to reduce excessive levels of radiation and guard against personnel exposure (2.9).  JPM: Determine stay time for work to be performed based on HP Surveys (New).
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 5 are required.		
*Type Codes & Criteria:		
(C)ontrol room		
(D)irect from bank ( $\leq 3$ for ROs; $\leq$ for 4 for SROs & RO retakes)		
(N)ew or (M)odified from bank ( $> 1$ )		
(P)revious 2 exams ( $\leq 1$ ; randomly selected)		
(S)imulator		
Class(R)oom		

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Administrative Topics Outline  
Task Summary

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- A.1.a The candidate will be required to calculate a blended makeup to the RWST using plant technical data tables from the Technical Data Manual. The critical tasks include calculating total makeup volume and boric acid flowrate. This is a modified bank JPM.
  
- A.1.b The candidate will be given a set of plant information requiring calculation of a calorimetric heat balance per OPT-309, Unit Calorimetric. The critical tasks include correctly entering data and determining the thermal output of the reactor. This is a modified bank JPM.
  
- A.2 The candidate will review a completed surveillance procedure OPT-110A, Measurement of Seal Injection Flow for accuracy. The critical task is to determine which surveillance items are out-of-specification. This is a modified bank JPM.
  
- A.3 The candidate will determine stay time for work to be performed based on HP Surveys. The critical tasks include determination of method and number of individuals required to minimize exposure. This is a new JPM.
  
- A.4 N/A

Facility: Comanche Peak	Date of Examination: 04/16/2007	
Examination Level: SRO(I) & (U)	Operating Test Number: NRC	
Administrative Topic (see Note)	Type Code*	Describe activity to be performed
Conduct of Operations	M, R	2.1.25 Ability to obtain and interpret station reference materials such as graphs, nomographs, and tables which contain performance data (3.1).  JPM: Review an RWST blended makeup calculation (SO1002).
Conduct of Operations	M, R	2.1.23 Ability to perform specific system and integrated plant procedures during all modes of plant operation (4.0).  JPM: Perform a calorimetric heat balance (RO1804A).
Equipment Control	N, R	2.2.22 Knowledge of limiting conditions for operations and safety limits (4.1).  JPM: Perform a Safety Function Determination (New).
Radiation Control	N, R	2.3.10 Ability to perform procedures to reduce excessive levels of radiation and guard against personnel exposure (3.3).  JPM: Determine stay time for work to be performed based on HP Surveys (New).
Emergency Plan	N, R	2.4.41 Knowledge of emergency action level thresholds and classifications (4.1).  JPM: Classify an emergency event (New).
NOTE: All items (5 total) are required for SROs. RO applicants require only 4 items unless they are retaking only the administrative topics, when 5 are required.		
*Type Codes & Criteria: (C)ontrol room (D)irect from bank ( $\leq 3$ for ROs; $\leq$ for 4 for SROs & RO retakes) (N)ew or (M)odified from bank ( $> 1$ ) (P)revious 2 exams ( $\leq 1$ ; randomly selected) (S)imulator Class(R)oom		

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Administrative Topics Outline  
Task Summary

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- A.1.a The candidate will be required to review a blended makeup to the RWST calculation using plant technical data tables from the Technical Data Manual. The critical tasks include validating total makeup volume and boric acid flowrate data. This is a modified bank JPM.
  
- A.1.b The candidate will be given a set of plant information requiring calculation of a calorimetric heat balance per OPT-309, Unit Calorimetric. The critical tasks include correctly entering data and determining the thermal output of the reactor. This is a modified bank JPM.
  
- A.2 The candidate will perform a Safety Function Determination Program evaluation for the Emergency Core Cooling System per ODA-308, LCO Tracking Program. The critical tasks include determine the Systems and Safety Functions affected. This is a new JPM.
  
- A.3 The candidate will determine stay time for work to be performed based on HP Surveys. The critical tasks include determination of method and number of individuals required to minimize exposure. This is a new JPM.
  
- A.4 A Security event is in progress. The candidate will perform an EPIP classification per EPP-201, Assessment of Emergency Action Levels Emergency Classification and Plan Activation. The critical task is to properly classify the event. This is a new JPM.