

Facility: <u>Byron</u>	Date of Examination: <u>1/07/2019</u>
Examination Level: RO <input checked="" type="checkbox"/> SRO <input type="checkbox"/>	Operating Test Number: <u>2019-301</u>

Administrative Topic (see Note)	Type Code*	Describe activity to be performed
Conduct of Operations	R, M	Complete 1BGP 100-7T1, RRD 2.1.43 Ability to use procedures to determine the effects on reactivity of plant changes, such as reactor coolant system temperature, secondary plant, fuel depletion, etc. 4.1 Modified from 2016 Cert Exam
Conduct of Operations	S, M	Perform Offsite AC Power Availability Surveillance 2.1.31 Ability to locate control room switches, controls, and indications, and to determine that they correctly reflect the desired plant lineup. 4.6 Modified from 2016 NRC Exam
Equipment Control	R, M	Identify Leak Isolation Points from Mechanical and Electrical Drawings 2.2.41 Ability to obtain and interpret station electrical and mechanical drawings. 3.5 Modified from 2016 Cert Exam
Radiation Control		
Emergency Plan	S, D	Respond to Turbine Building Fire Alarm 2.4.25 Knowledge of fire protection procedures. 3.3 Direct from 2014 NRC Exam

NOTE: All items (five total) are required for SROs. RO applicants require only four items unless they are retaking only the administrative topics (which would require all five items).

* Type Codes and Criteria:

(C)ontrol room, (S)imulator, or Class(R)oom
 (D)irect from bank (≤ 3 for ROs; ≤ 4 for SROs and RO retakes)
 (N)ew or (M)odified from bank (≥ 1)
 (P)revious 2 exams (≤ 1 , randomly selected)

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Administrative Topic (see Note)	Type Code*	Describe activity to be performed
Conduct of Operations	R, M	Perform a Manual Safety Assessment (Shutdown) 2.1.23 Ability to perform specific system and integrated plant procedures during all modes of plant operation 4.4 Modified from LORT S013r4
Conduct of Operations	R, M	Review Offsite Power Availability Surveillance 2.1.25 Ability to interpret reference materials, such as graphs, curves, tables, etc. 4.2 Modified from 2014 NRC Exam
Equipment Control	R, M	Determine Post-Maintenance Testing Requirements 2.2.21 Knowledge of pre- and post-maintenance operability requirements. 4.1 Modified from 2016 Cert
Radiation Control	R, D, P	Review Liquid Release Package 2.3.6 Ability to approve release permits. 3.8 Direct from 2016 NRC Exam
Emergency Plan	R, D	Screen Event for Reportability 2.4.30 Knowledge of events related to system operation/status that must be reported to internal organizations or external agencies, such as the State, the NRC, or the transmission system operator. 4.1 Direct from 2013 Cert Exam
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Conduct of Operations	S, D	Perform Offsite AC Power Availability Surveillance 2.1.31 Ability to locate control room switches, controls, and indications, and to determine that they correctly reflect the desired plant lineup. 4.6 Direct from 2016 NRC Exam
Equipment Control	R, M	Identify Leak Isolation Points from Mechanical and Electrical Drawings 2.2.41 Ability to obtain and interpret station electrical and mechanical drawings. 3.5 Modified from 2016 Cert Exam
Radiation Control		
Emergency Plan	R, D	Perform Offsite Notification (NARS form transmittal) 2.4.43 Knowledge of emergency communications systems and techniques. 3.2 Direct from 2013 NRC Exam

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(N)ew or (M)odified from bank (≥ 1) 2

(P)revious 2 exams (≤ 1 , randomly selected) 0

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Equipment Control	R, M	Determine Post-Maintenance Testing Requirements 2.2.21 Knowledge of pre- and post-maintenance operability requirements. 4.1 Modified from 2016 Cert
Radiation Control	R, D, P	Review Liquid Release Package 2.3.6 Ability to approve release permits. 3.8 Direct from 2016 NRC Exam
Emergency Plan	R, M	Classify Event and Transmit NARS Form (SGTR) 2.4.41 Knowledge of the emergency action level thresholds and classifications. 4.6 Modified from 2016 NRC Exam
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