

**PSL  
L-17-1  
NRC WRITTEN EXAM**

**DATE:**

**12/19/2017**

**EXAM:**

**SRO**

76.

Given the following timeline:

12:00:00	Unit 1 is in Mode 5 RCS level is 33 ft The 1A train of SDC is in service the 1B train is in Standby
12:03:00	RCS Level is 32 ft and LOWERING 1-AOP-01.08, RCS Leakage is entered
12:05:00	The SDC Pump Trip Criteria on RCS Level is MET

Which ONE of the following completes the statements below?

1-AOP-01.08 requires the SDC Pumps to be secured at a MINIMUM level of \_\_\_\_ (1) \_\_\_\_.

**IF** at 12:20:00, the crew has NOT restored RCS Level and SDC flow; the Crew is required to \_\_\_\_ (2) \_\_\_\_.

Note: 1-ONP-01.04, Plant Condition 4 SDC in Operation with Reduced Inventory

- A. (1) 31 ft 3 inches  
(2) GO TO 1-ONP-01.04
- B. (1) 31 ft 3 inches  
(2) remain in 1-AOP-01.08 and Initiate Safety Function status checks of 1-ONP-01.04
- C. (1) 29 ft 9.5 inches  
(2) GO TO 1-ONP-01.04
- D. (1) 29 ft 9.5 inches  
(2) remain in 1-AOP-01.08 and Initiate Safety Function status checks of 1-ONP-01.04

77.

Given the following conditions:

- Unit 1 has experienced a SGTR
- 1-EOP-04, SGTR is in progress at step 10 INITIATE lowering RCS Temperature to less than 510 °F

Which ONE of following completes the statement below?

The RCS is cooled down to less than a \_\_\_\_ (1) \_\_\_\_ of 510 °F, in accordance with 1-EOP-04, Step 10.

The purpose of this action \_\_\_\_ (2) \_\_\_\_ to prevent a MSSV from lifting after the S/G is isolated in accordance with CEN 152, BD-E-4, SGTR Basis.

- A. (1) Thot  
(2) is
- B. (1) Thot  
(2) is NOT
- C. (1) Rep CET  
(2) is
- D. (1) Rep CET  
(2) is NOT

78.

Given the following conditions:

- Unit 2 has tripped due to the loss of the 2A Main Feedwater Pump
- A Main Steam Safety Valve (MSSV) on the 2A Steam Generator stuck OPEN and has failed to reseal
- A Steam Generator Tube leak on the 2B S/G was identified post trip
- The crew has entered 2-EOP-15, Functional Recovery
- The MSIVs were CLOSED
- 2A S/G pressure is 710 psia LOWERING
- 2B S/G pressure is 790 psia STABLE

Which ONE of the following describes:

(1) the MOST affected S/G?

AND

(2) when the faulted S/G is NO longer considered FAULTED?

- A. (1) 2A S/G is the MOST affected S/G  
(2) When the MSSV is gagged
- B. (1) 2A S/G is the MOST affected S/G  
(2) When 2-EOP-99, Appendix R, Steam Generator Isolation is complete
- C. (1) 2B S/G is the MOST affected S/G  
(2) When the MSSV is gagged
- D. (1) 2B S/G is the MOST affected S/G  
(2) When 2-EOP-99, Appendix R, Steam Generator Isolation is complete

79.

Given the following conditions:

- Unit 1 is at 100% power
- 1A EDG is out of service
- The 1AB Electrical Busses are aligned to the **“B” side**

Subsequently:

- A Loss of Off-Site Power and Reactor Trip occurs
- The 1A DC bus is energized from the 1AB Battery Charger
- **ONLY** the 1AB DC has been aligned to the **“A” side**

Which ONE of the following describes the battery rating and the requirements regarding the 1A DC Busses?

The 1A DC Battery is rated to operate for a MAXIMUM of \_\_\_\_ (1) \_\_\_\_ hours without the assistance of a battery charger during emergency operations.

Per ADM-11.16, the 1AB battery charger \_\_\_\_ (2) \_\_\_\_ be used to satisfy Tech Spec Surveillance Requirement for verifying D.C. Train operability per 4.8.2.3.1, D.C. Distribution – Operating.

NOTE: ADM-11.16, Transient Procedure Use and Adherence

- A. (1) 2  
(2) can
- B. (1) 2  
(2) can NOT
- C. (1) 4  
(2) can
- D. (1) 4  
(2) can NOT

80.

Given the following conditions:

- Unit 1 is at 100% power

Subsequently:

- Annunciator, A-43, 120V AC INSTR BUS MB/ INVERTER TROUBLE ALARMS
- The BRCO reports ALL lights on RPS channel "B" are OFF

Which ONE of the following describes the impact on the plant, and the appropriate response?

\_\_\_\_(1)\_\_\_\_ Trip Circuit Breakers will OPEN.

In accordance with ADM-11.16, Transient Procedure Use and Adherence, the Unit will enter \_\_\_\_ (2) \_\_\_\_.

NOTE: Unit 1 Tech Specs (TS), 3.8.2.1, ONSITE Power Distribution – Operating  
Unit 2 Tech Specs (TS), 3.8.3.1, ONSITE Power Distribution – Operating

- A. (1) 2  
(2) Unit 1 TS, 3.8.2.1 ONLY
- B. (1) 2  
(2) Unit 1 TS, 3.8.2.1 and administratively apply the actions of the Unit 2 TS 3.8.3.1
- C. (1) 4  
(2) Unit 1 TS, 3.8.2.1 ONLY
- D. (1) 4  
(2) Unit 1 TS, 3.8.2.1 and administratively apply the actions of the Unit 2 TS 3.8.3.1

81.

Given the following conditions:

- Unit 1 has experienced a Total Loss of Feedwater
- 1-EOP-06, Total Loss of Feedwater is in progress at Step 11, Verify RCS Heat Removal
- 1A S/G level is 17% wide range
- 1B S/G level is 4% wide range
- The Atmospheric Dump Valves (ADVs) are FULL OPEN
- Tcold has RISEN steadily from 535° to 541°F over the past 3 minutes

Which ONE of the following describes the parameter requiring Once Through Cooling (OTC) in accordance with 1-EOP-06, and the required procedure path for performing OTC?

Based on \_\_\_\_ (1) \_\_\_\_, the US directs \_\_\_\_ (2) \_\_\_\_.

Note: 1-EOP-15, Functional Recovery

- A. (1) S/G Levels  
(2) exiting 1-EOP-06, go to 1-EOP-15, Step 1 and initiate once-through cooling when the required HR-3 step is reached
- B. (1) S/G Levels  
(2) initiating once-through cooling by referring to 1-EOP-15, HR-3 success path 3 then exiting 1-EOP-06 and entering 1-EOP-15 at step 1
- C. (1) Tcold RISE  
(2) exiting 1-EOP-06, go to 1-EOP-15, Step 1 and initiate once-through cooling when the required HR-3 step is reached
- D. (1) Tcold RISE  
(2) initiating once-through cooling by referring to 1-EOP-15, HR-3 success path 3 then exiting 1-EOP-06 and entering 1-EOP-15 at step 1

82.

Given the following conditions:

- Unit 2 has experienced a Loss of Coolant Accident (LOCA)
- The Crew is performing the steps of 2-EOP-03, LOCA
- RCS Pressure is 280 psia
- Rep CET Temperature is 660°F
- The Crew has transitioned to 2-EOP-15, Functional Recovery
- Containment Temperature is 225°F and RISING
- Containment Pressure is 44 psia and RISING
- Annunciator, S-17 CNTMT Press High CSAS Channel Trip is LIT

10 minutes later:

- Annunciator, S-17 CNTMT Press High CSAS Channel Trip CLEARS

Which ONE of the following describes a possible cause of S-17 clearing, and based on that cause, describe the correct emergency classification without using Emergency Coordinator judgement to elevate the classification in accordance with EPIP-01, Classification of Emergencies?

S-17 CLEARED due to the \_\_\_\_ (1) \_\_\_\_ and the appropriate classification is a \_\_\_\_ (2) \_\_\_\_.

**(REFERENCE PROVIDED)**

- A. (1) Containment Failing  
(2) SAE
- B. (1) Containment Failing  
(2) GE
- C. (1) Containment Spray reduced Containment pressure  
(2) SAE
- D. (1) Containment Spray reduced Containment pressure  
(2) GE



83.

Given the following conditions:

- Unit 2 is in 2-EOP-04, Steam Generator Tube Rupture, with a Loss of Offsite Power
- The 2B S/G has been isolated
- The "CLOSE" fuses for RCPs 2B1 & 2B2 have been removed

Which ONE of the following describes the 2-EOP-04 bases for removal of the "CLOSE" fuses?

Upon power restoration, an RCP start could result in \_\_\_\_\_.

- A. a RCP seal failure
- B. a positive reactivity event
- C. operating RCPs outside of NPSH requirements
- D. a pressure spike that could exceed the upper limits of Figure 1A

84.

Given the following conditions:

- Unit 1 is at 100% power performing 1-OSP-99.08, A Train Quarterly Non Check Valve Cycle Test
- V5200 and V5203, RCS Hot Leg Sample Isolation valves have just been exercised
- V5200 closed stroke time was satisfactory
- V5203 EXCEEDED the max allowable closed stroke time
- Post testing, V5200 and V5203 were verified to be CLOSED in the control room and locally

Which ONE of the following completes the statement below?

In accordance with ADM-11.16, Transient Procedure Use and Adherence and Unit 1 TS, 3.6.3.1, Containment Isolation Valves, \_\_\_\_\_.

- A. no additional action is required as long as V5200 and V5203 remain CLOSED
- B. within 4 hours, at a MINIMUM, EITHER V5200 OR V5203 MUST be deactivated by removing control power fuses
- C. within 4 hours, at a MINIMUM, BOTH V5200 and V5203 MUST be deactivated by removing control power fuses
- D. within 4 hours, at a MINIMUM, BOTH V5200 MUST be deactivated by removing control power fuses AND a manual isolation valve in the flow path must be CLOSED

85.

Given the following conditions:

- Unit 1 has tripped with a Loss of Offsite power
- The 1A EDG failed to START
- The Crew is about to exit 1-EOP-01, Standard Post Trip Actions
- Pressurizer pressure is 900 psia and RISING
- ECCS flow is 450 gpm
- Pressurizer level is 15% and RISING
- CET is 338°F and T<sub>hot</sub> is 330°F slowly LOWERING
- 1A SG is 30 psia and STABLE
- 1B SG is 750 psia and STABLE
- 1A SG level is 5% Wide range with '0' AFW flow
- 1B SG level is 25% Narrow range and RISING with 150 gpm AFW flow
- Containment pressure is 0 psig
- Reactor vessel level indicates 4-8 covered
- SJAE radiation monitor had a RISING trend prior to the trip

Which ONE of the following describes the required procedure selection and actions?

The US \_\_\_\_ (1) \_\_\_\_ required to implement 1-EOP-15, Functional Recovery and depressurize the RCS using Aux. Spray for the purpose of \_\_\_\_ (2) \_\_\_\_.

**(REFERENCE PROVIDED)**

- A. (1) is  
(2) LOWERING subcooling
- B. (1) is  
(2) RAISING Safety Injection flow
- C. (1) is NOT  
(2) LOWERING subcooling
- D. (1) is NOT  
(2) RAISING Safety Injection flow

86.

Given the following timeline:

00:00:00	Unit 2 is at 100% power RCS Pressure: 2250 psia 2A1 Middle Seal Cavity Pressure: 2150 psig 2A1 Upper Seal Cavity Pressure: 1000 psig 2A1 Bleedoff Cavity Pressure: 110 psig 2-AOP-01.09A1, 2A1 Reactor Coolant Pump has been entered
00:30:00	The Reactor is manually tripped due to degrading conditions that meet trip criteria described in 2-AOP-01.09A1

Which ONE of the following describes the status of the 2A1 RCP seals and the required report of the event in accordance with LI-AA-102-1001, Regulatory Reporting?

At time 00:00:00, the 2A1 RCP \_\_\_\_ (1) \_\_\_\_ is(are) failed.

In accordance with LI-AA-102-1001, the required report is a(n) \_\_\_\_ (2) \_\_\_\_ report.

**(REFERENCE PROVIDED)**

- A. (1) LOWER seal ONLY  
(2) 4 hour
- B. (1) LOWER seal ONLY  
(2) 8 hour
- C. (1) LOWER and MIDDLE seals  
(2) 4 hour
- D. (1) LOWER and MIDDLE seals  
(2) 8 hour

87.

Given the following conditions:

- Unit 1 is in Mode 4 performing a cooldown for a refueling outage
- RCS Temperature is 305 °F
- "A" and "B" SDC Trains are in service
- ALL "AB" Electrical Busses are aligned to the "B" side

Subsequently:

- The 1A Component Cooling Water (CCW) pump trips

The crew has entered 1-AOP-14.01, Component Cooling Water Abnormal Operations and performed the following actions:

- ONLY the 1AB 4160 VAC bus is aligned to the "A" side
- The 1C CCW pump has been mechanically aligned to the to the "A" side
- Cooling Water Flow has been isolated to the Shutdown Cooling (SDC) HX
- The 1C CCW pump has been started

Which ONE of the following describes the reason the cooling water flow is isolated to the SDC HX prior to start of the 1C CCW pump in accordance with 1-AOP-14.01, and the Tech Specs compliance after the 1C CCW pump has been started?

The cooling water flow is isolated to limit flashing on the \_\_\_\_ (1) \_\_\_\_ side of the SDC HX.

When the 1C CCW pump has been started, Tech Spec 3.7.3, Component Cooling Water System is \_\_\_\_ (2) \_\_\_\_.

- A. (1) CCW  
(2) met
- B. (1) CCW  
(2) NOT met
- C. (1) RCS  
(2) met
- D. (1) RCS  
(2) NOT met

88.

Given the following conditions:

- Unit 2 is at 100% power
- Pressurizer Level Control is selected to Channel "Y"
- Pressurizer Backup Heaters B1 are out of service due to a breaker failure

Subsequently:

- Pressurizer Level Transmitter, LT-1100Y fails LOW
- 2-AOP-01.10, Pressurizer Pressure and Level, Att. 5, Recovering Power to Pressurizer Heaters has been completed

Which ONE of the following describes the heaters that can be recovered and the applicable Tech Spec requirements?

Based on the given conditions \_\_\_\_ (1) \_\_\_\_ can be recovered. Tech Spec 3.4.3, Pressurizer, Action (b) \_\_\_\_ (2) \_\_\_\_ required to be entered.

**(REFERENCE PROVIDED)**

- A. (1) B2 and B3 heaters ONLY  
(2) is
- B. (1) B2 and B3 heaters ONLY  
(2) is NOT
- C. (1) B2, B3, B4, B5 and B6 heaters  
(2) is
- D. (1) B2, B3, B4, B5 and B6 heaters  
(2) is NOT

89.

Given the following conditions:

- Unit 2 is at 100% power

Subsequently:

- Refueling Water Storage Tank (RWT) Level Transmitter LIS-07-2A fails LOW
- 2-AOP-99.01, Loss of Tech Spec Instrumentation has been entered

Which ONE of the following describes the required action(s) and the Tech Spec implication for continued operation?

2-AOP-99.01, \_\_\_\_ (1) \_\_\_\_ allow placing the RWT Low Level Bistable in BYPASS.

In accordance with TS 3.3.2, ESFAS Instrumentation, when the bistable action is complete, operation \_\_\_\_ (2) \_\_\_\_ be continued until the NEXT cold shutdown.

- A. (1) does  
(2) can
- B. (1) does  
(2) can NOT
- C. (1) does NOT  
(2) can
- D. (1) does NOT  
(2) can NOT

90.

Given the following Unit 1 timeline:

- 1-EOP-03 is in progress

Time:	1352	1417
RCS pressure:	310 psia	300 psia
CET:	400 °F	390 °F
ECCS Flow:	750 gpm	800 gpm
Pressurizer level:	20%	40%
A S/G NR level:	55%	51%
B S/G NR level:	56%	52%
Containment Temp:	185 °F	185 °F
RVLMS Sensors 4-8:	covered	covered

Which ONE of the following describes the EOP implementation strategy?

NOTE: 1-EOP-03, Loss of Coolant Accident  
1-EOP-15, Functional Recovery

**(REFERENCE PROVIDED)**

- A. Continue with 1-EOP-03 and depressurize the RCS to increase ECCS flow
- B. Exit to 1-EOP-15, IC-2 will be the first safety function that will be addressed
- C. Exit to 1-EOP-15, HR-2 will be the first safety function that will be addressed
- D. Continue with 1-EOP-03, throttle HPSI flow per Appendix S, Safety Injection Throttling and Restoration



91.

Given the following conditions:

- Unit 2 is at 100% power
- JI-006A, Axial Power Shape (ASI) indicates FULL Scale MAX Positive
- Beacon is in service with ALL In-Core detectors OPERABLE

The following Annunciators are LIT:

- L-9, Reactor Power High Channel Trip
- L-22, Local Power Density Channel Trip
- L-34, Nuclear/ $\Delta T$  Power Channel Deviation
- L-36, TM/LP Channel Trip

Which ONE of the following completes the statements below?

The \_\_\_\_ (1) \_\_\_\_ detector has failed HIGH.

Azimuthal Power Tilt per TS 3.2.4, Azimuthal Power Tilt - Tq \_\_\_\_ (2) \_\_\_\_ required to be determined at least once per 12 hours.

- A. (1) UPPER  
(2) is
- B. (1) UPPER  
(2) is NOT
- C. (1) LOWER  
(2) is
- D. (1) LOWER  
(2) is NOT

92.

Given the following conditions:

- Unit 1 is at 100% power
- A Containment Entry is planned
- Site Safety reports the Containment Atmosphere for Carbon Monoxide (CO) is too HIGH to support entry
- A continuous containment purge is required to reduce the “CO” concentration

Which ONE of the following describes the appropriate purge method and the Tech Spec entry requirements?

The Crew will perform the purge using \_\_\_\_ (1) \_\_\_\_ and apply Tech Spec \_\_\_\_ (2) \_\_\_\_

- A.    (1)    HVE-7 A/B, Cont CNTMT/H2 Purge Fan, through the Continuous Purge (mini-purge) mode filter train IAW 1-NOP-25.02, Hydrogen Purge System  
  
          (2)    3.6.3.1, Containment Isolation Valves, action statement to isolate the flow path within the specified time
  
- B.    (1)    HVE-7 A/B, Cont CNTMT/H2 Purge Fan, through the Continuous Purge (mini-purge) mode filter train IAW 1-NOP-25.02, Hydrogen Purge System  
  
          (2)    3.6.1.1, Containment Vessel Integrity for the required contingency actions using a dedicated operator in continuous communication with the control room
  
- C.    (1)    HVE-8 A/B, Centrifugal Fan for Containment, Purge System through the Main Purge IAW 1-NOP-06.20, Controlled Gaseous Batch Release to Atmosphere  
  
          (2)    3.6.3.1, Containment Isolation Valves, action statement to isolate the flow path within the specified time
  
- D.    (1)    HVE-8 A/B, Centrifugal Fan for Containment, Purge System through the Main Purge IAW 1-NOP-06.20, Controlled Gaseous Batch Release to Atmosphere  
  
          (2)    3.6.1.1, Containment Integrity Bases Station a dedicated operator in continuous communication with the control room

93.

Given the following conditions:

- Unit 2 is at 100% power
- A team has entered the Unit 2 Containment for a valve inspection
- A blown fuse results in a loss of the power to RIS-26-3, "A" Channel Containment (CIS) Radiation Monitor
- The crew has entered 2-AOP-26.02, Area Radiation Monitors
- The crew has bypassed the failed ESFAS channel

Subsequently:

- I&C reports the repair is expected to take 50 hours to complete

Which ONE of the following completes the statements below?

The containment evacuation alarm \_\_\_\_ (1) \_\_\_\_ AUTOMATICALLY upon the fuse failure.

In accordance with TS 3.3.2, ESFAS Instrumentation and based on the expected time to repair, the "A" CIS Radiation bistable \_\_\_\_ (2) \_\_\_\_ during the entire repair window.

- A. (1) sounded  
(2) MUST be placed in trip
- B. (1) did not sound  
(2) MUST be placed in trip
- C. (1) sounded  
(2) MAY be maintained in bypass
- D. (1) did not sound  
(2) MAY be maintained in bypass

94.

Given the following conditions:

- BOTH Units are at 100% power
- MINIMUM Shift Crew Complement is filling ALL required positions

<u>POSITION</u>	<u>QUALIFICATION</u>
SM	SM SRO ONLY
U1 US	SRO ONLY
U2 US	SRO / STA ONLY
STA	SRO / STA ONLY

- At 03:30 the Unit 1 Desk RCO (DRCO) had to leave site due to an emergency

In accordance with OPS Policy 201, Shift Complement, which ONE of the following describes how the position can be filled.

The VACANT DRCO Position \_\_\_\_\_.

- A. can be left VACANT until the scheduled end of shift
- B. can be filled by the STA fulfilling DRCO/STA dual roles
- C. MUST be filled by the Call out of a Licensed Operator ONLY
- D. can be filled by the U1 US filling the DRCO Position after being relieved by the STA fulfilling US/STA dual roles

95.

Given the following conditions:

- An Event requiring activation of the ERO is in progress
- NO Radioactive releases have occurred

Which ONE of the following describes the MINIMUM Emergency Action Level declaration that a Site Evacuation of non-essential personnel is mandatory, and the location that Extra Licensed Operators will report?

Site Evacuation of non-essential personnel is required at \_\_\_\_ (1) \_\_\_\_ .

Extra **LICENSED** Operators report to the \_\_\_\_ (2) \_\_\_\_ .

- A. (1) ALERT  
(2) OSC
- B. (1) ALERT  
(2) Control Room
- C. (1) Site Area Emergency  
(2) OSC
- D. (1) Site Area Emergency  
(2) Control Room

96.

Given the following conditions:

- 2 Departments, Electrical and I&C Maintenance are scheduled to work on the 1A1 Debris Filter System **CONCURRENTLY** utilizing a generic troubleshooting guide
- The work is expected to take 2 shifts
- They are requesting to use DIRECT CONTROL in accordance with OP-AA-101-1000, Clearance and Tagging
- The Electrical Disconnect switch is within line of sight of the work site
- BOTH the Electrical and I&C Maintenance Departments have verified the disconnect will completely isolate the energy source

Which ONE of the following describes who is responsible for authorizing use of DIRECT CONTROL and if DIRECT CONTROL can be authorized in this case?

The \_\_\_\_ (1) \_\_\_\_ authorizes use of DIRECT CONTROL.

Regarding the evolution described above, DIRECT CONTROL \_\_\_\_ (2) \_\_\_\_ be authorized.

- A. (1) Operations Manager  
(2) can
- B. (1) Operations Manager  
(2) can NOT
- C. (1) Operations Shift Supervision  
(2) can
- D. (1) Operations Shift Supervision  
(2) can NOT

97.

Which ONE of the following describes evolutions that are defined as an Infrequently Performed Evolution in accordance with OP-AA-1000, Conduct of Infrequently Performed Tests or Evolutions (IPTE), Attachment 2, Infrequently Performed Evolutions?

1-PTP-91, Unit 1 Initial Criticality Following Refueling, \_\_\_\_ (1) \_\_\_\_ listed as an IPTE.

1-OSP-66.01, Control Element Assembly Exercise, \_\_\_\_ (2) \_\_\_\_ listed as an IPTE.

- A. (1) is  
(2) is
- B. (1) is  
(2) is NOT
- C. (1) is NOT  
(2) is
- D. (1) is NOT  
(2) is NOT

98.

Given the following conditions:

- Unit 1 is at 100% power
- A radioactive liquid release is in progress from the 1B Waste Monitor Storage Tank
- Liquid Release Permit # 17-52 was issued to authorize this release
- After 30 minutes, liquid radwaste discharge radiation monitor channel R-6627(channel #43) alarms, the monitor indicates off-scale HIGH
- The Desk RCO reports that all the actions of 1-AOP-06.02,Uncontrolled Release of Radioactive Liquids, have been completed
- I&C reports that Channel R-6627 has failed HIGH and will be out of service for at least 60 days

Which ONE of the following describes the required actions to properly complete the discharge from the 1B Waste Monitor Storage Tank?

- A. Issue a new release permit with independent samples and valve lineup verifications
- B. Restart the release using permit #17-52, after performing a second independent release rate calculation
- C. Issue a new release permit using periodic radioactive tank analysis (grab samples) in lieu of an OPERABLE radiation monitor
- D. Restart the release using permit #17-52 with periodic radioactive tank analysis (grab samples) in lieu of an OPERABLE radiation monitor



99.

Given the following conditions:

- Unit 1 is implementing 1-EOP-15, Functional Recovery

The STA reports the following safety function status:

- RCS Pressure Control is met by PC-3, Saturated Control
- RCS Inventory Control is met by IC-2, Safety Injection
- Contmt Press & Temp is NOT met
- Containment Isolation is NOT met

Which ONE of the following describes the priority for performing the 1-EOP-15 Success Paths?

- A. CI-1, CTPC-3, IC-2, PC-3
- B. CI-1, CTPC-3, PC-3, IC-2
- C. CTPC-3, CI-1, IC-2, PC-3
- D. CTPC-3, CI-1, PC-3, IC-2

100.

Given the following conditions:

- Unit 1 has experienced a Large Break LOCA
- General Emergency has been declared
- BOTH the Technical Support Center (TSC) and the Operational Support Center (OSC) are OPERATIONAL

Subsequently:

- The Unit 1 SNPO has been dispatched to perform operations in an attempt to control effluent releases to avoid extensive exposure of large populations

Which ONE of the following describes the MAXIMUM TEDE exposure limit for the task and whose authorization is required?

In accordance with EPIP-02, Duties and Responsibilities of the Emergency Coordinator the MAXIMUM TEDE limit is \_\_\_\_ (1) \_\_\_\_ .

In accordance with EPIP-05, Activation and Operation of the Operational Support Center, the SM \_\_\_\_ (2) \_\_\_\_ authorize the exposure.

- A. (1) 10 REM  
(2) can
- B. (1) 10 REM  
(2) can NOT
- C. (1) 25 REM  
(2) can
- D. (1) 25 REM  
(2) can NOT

**SUBJECTIVE SCORE  
INSTRUCTOR USE ONLY**

100	90	80	70	60
50	40	30	20	10
9	8	7	6	5
4	3	2	1	0

(T) (F) KEY

100% 100% 100% 100% 100%

1 100% 100% 100% 100% 100%

2 100% 100% 100% 100% 100%

3 100% 100% 100% 100% 100%

4 100% 100% 100% 100% 100%

5 100% 100% 100% 100% 100%

6 100% 100% 100% 100% 100%

7 100% 100% 100% 100% 100%

8 100% 100% 100% 100% 100%

9 100% 100% 100% 100% 100%

10 100% 100% 100% 100% 100%

11 100% 100% 100% 100% 100%

12 100% 100% 100% 100% 100%

13 100% 100% 100% 100% 100%

14 100% 100% 100% 100% 100%

15 100% 100% 100% 100% 100%

16 100% 100% 100% 100% 100%

17 100% 100% 100% 100% 100%

18 100% 100% 100% 100% 100%

19 100% 100% 100% 100% 100%

20 100% 100% 100% 100% 100%

21 100% 100% 100% 100% 100%

22 100% 100% 100% 100% 100%

23 100% 100% 100% 100% 100%

24 100% 100% 100% 100% 100%

25 100% 100% 100% 100% 100%

26 100% 100% 100% 100% 100%

27 100% 100% 100% 100% 100%

28 100% 100% 100% 100% 100%

29 100% 100% 100% 100% 100%

30 100% 100% 100% 100% 100%

31 100% 100% 100% 100% 100%

32 100% 100% 100% 100% 100%

33 100% 100% 100% 100% 100%

34 100% 100% 100% 100% 100%

35 100% 100% 100% 100% 100%

36 100% 100% 100% 100% 100%

37 100% 100% 100% 100% 100%

38 100% 100% 100% 100% 100%

39 100% 100% 100% 100% 100%

40 100% 100% 100% 100% 100%

41 100% 100% 100% 100% 100%

42 100% 100% 100% 100% 100%

43 100% 100% 100% 100% 100%

44 100% 100% 100% 100% 100%

45 100% 100% 100% 100% 100%

46 100% 100% 100% 100% 100%

47 100% 100% 100% 100% 100%

48 100% 100% 100% 100% 100%

49 100% 100% 100% 100% 100%

50 100% 100% 100% 100% 100%

FORM NO. 888-E

**IMPORTANT**

USE NO. 2 PENCIL ONLY

TO USE SUBJECTIVE SCORE FEATURE:

- Mark total possible subjective points
- Only one mark per line on key
- 100 points maximum

EXAMPLE OF STUDENT SCORE:

100	90	80	70	60
50	40	30	20	10
9	8	7	6	5
4	3	2	1	0

**SCANTRON®**

NAME			
SUBJECT		TEST NO.	
DATE		PERIOD	

FOR USE ON  
TEST SCORING  
MACHINE ONLY

**TEST RECORD**

PART 1	
PART 2	
TOTAL	

**PART 1**

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**WRITTEN EXAMINATION COVER SHEET**

Trainee Name: **SRO KEY**

Employee Number: **SRO KEY**

Site:

St Lucie

Examination Number/Title: **NRC WRITTEN SRO**

Training Program: **L-17-1 Initial License Training**

Course/Lesson Plan Number(s): **L-17-1 NRC Written**

Total Points Possible: 100

**SRO KEY**

Grade: \_\_\_\_ / \_\_\_\_ = \_\_\_\_ %

Graded by: **SRO KEY**

Date:

Co-graded by (if necessary):

Date:

**SRO  
KEY**

50

**IMPORTANT**

USE NO. 2 PENCIL ONLY

• MAKE DARK MARKS

• ERASE COMPLETELY TO CHANGE

EXAMPLE: A B C D E

TO USE SUBJECTIVE SCORE FEATURE:

• Mark total possible subjective points

• Only one mark per line on key

• 163 points maximum

EXAMPLE OF STUDENT SCORE


1	2	3	4	5	6	7	8	9	10
1	1	1	1	1	1	1	1	1	1

NAME		
SUBJECT	TEST NO.	
DATE	PERIOD	

TEST RECORD	
PART 1	
PART 2	
TOTAL	

**PART 2**

	(T)	(F)	KEY
51	A	B	D
52	A	C	D
53	A	B	D
54	A	C	D
55	A	B	D
56	A	B	C
57	A	B	C
58	B	C	D
59	A	B	D
60	B	C	D
61	A	B	C
62	A	B	C
63	A	C	D
64	A	B	C
65	A	B	C
66	A	C	D
67	A	B	D
68	A	C	D
69	A	B	C
70	A	B	D
71	B	C	D
72	A	B	D
73	A	B	D
74	A	B	D
75	A	B	C
76	A	B	D
77	B	C	D
78	B	C	D
79	A	B	C
80	A	B	C
81	A	B	C
82	A	C	D
83	A	C	D
84	A	C	D
85	B	C	D
86	B	C	D
87	A	C	D
88	B	C	D
89	A	C	D
90	A	B	D
91	A	B	D
92	A	C	D
93	A	B	D
94	A	B	C
95	A	B	C
96	A	B	C
97	A	C	D
98	B	C	D
99	B	C	D
100	A	B	C

		<b>WRITTEN EXAMINATION COVER SHEET</b>	
Trainee Name: <b>SRO KEY</b>			
Employee Number: <b>SRO KEY</b>		Site:	St Lucie
Examination Number/Title: NRC WRITTEN SRO			
Training Program: L-17-1 Initial License Training			
Course/Lesson Plan Number(s): L-17-1 NRC Written			
Total Points Possible: 100	<b>SRO KEY</b>		Grade: ____ / ____ = ____ %
Graded by: <b>SRO KEY</b>			Date:
Co-graded by (if necessary):			Date:

**SRO**

**KEY**



#### Saint Lucie SRO Written Exam References

1. Fission Product Barrier Emergency Classification Table
2. 1-EOP-99, Rev 62, Figure 1A, Page 1 of 1
3. 1-EOP-99, Rev 62, Figure 1B, Page 1 of 1
4. 1-EOP-99, Rev 62, Figure 2, Page 1 of 1
5. LI-AA-102-1001, Rev 18, Attachment 1
6. Tech Spec LCO 3/4.4.3, Pressurizer, Page 3/4 4-9