

Oconee Nuclear Station

ILT44 ONS SRO NRC Examination

Question: 1
(1 point)

Given the following plant conditions:

- Unit 1 has just reached 100% power following a refueling outage
- Unit 2 is at 100% power with 93 EFPD

Which ONE of the following will result in the highest amount of Emergency Feedwater flow required to stabilize RCS temperature 5 minutes following the trip?

- A. Both Main Feedwater Pumps ONLY trip on Unit 1
 - B. Both Main Feedwater Pumps ONLY trip on Unit 2
 - C. Loss of Offsite Power on Unit 1
 - D. Loss of Offsite Power on Unit 2
-

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Question: 2
(1 point)

Given the following Unit 1 conditions:

- Reactor power = 100%
- 1RC-66 (PORV) is leaking past its seat
- Pressurizer temperature = 648 °F
- Quench tank pressure = 5 psig
- Reactor Building pressure = 0 psig

Which ONE of the following describes the expected tailpipe temperature (°F) downstream of 1RC-66?

- A. 212
 - B. 228
 - C. 272
 - D. 648
-

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Question: 3
(1 point)

Given the following Unit 1 conditions:

- Reactor tripped from 100% power due to SBLOCA
- 1A HPI Pump failed
- Subcooling Margin = 0°F stable

Which ONE of the following is the reason the EOP directs increasing SG levels to the Loss of Subcooling Margin Setpoint level?

- A. Establish a large secondary side inventory in support of a rapid RCS cooldown.
 - B. Establish a large secondary side inventory to ensure that a loss of coupling will NOT occur if a momentary loss of EFDW occurs.
 - C. Ensure a secondary water level higher than the primary water level inside the SG tubes to establish boiler condenser mode heat transfer
 - D. Ensure a secondary side level sufficient to minimize the consequences of a total loss of feedwater during boiler condenser mode heat transfer
-

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Question: 4
(1 point)

Given the following Unit 1 conditions:

- Reactor power = 50% stable
- 1B2 RCP is OFF

Which ONE of the following would require immediate entry into AP/1/A/1700/016 (Abnormal Reactor Coolant Pump Operation)?

- A. OAC point O1A0061 (RCP 1A1 MTR INPUT POWER) in HI alarm
 - B. OAC point O1A1579 (RCP 1A2 MTR LOWER AIR TEMP) in HI alarm
 - C. 1SA-15/A5 (RC PUMP MOTOR 1B1 OIL POT LOW LEVEL) in alarm
 - D. 1SA-6/D5 (PUMP 1B2 CAVITY PRESS HI/LOW) in alarm
-

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Question: 5
(1 point)

Given the following Unit 1 conditions:

Initial conditions:

- Reactor power = 100%

Current conditions:

LOOP A SUBCOOLING MARGIN (F)	CORE SUBCOOLING MARGIN (F)	CORE SUBCOOLING MARGIN (F)	LOOP B SUBCOOLING MARGIN (F)
-13	0	0	0

- LPI Flow Train A = 1800 gpm stable
- LPI Flow Train B = 1780 gpm stable
- Rule 2 (Loss of SCM) in progress.
- IMAs complete

1) The SRO will direct actions from the ___ (1) ___ tab of the EOP.

2) In accordance with Rule 2, performance of Rule 3 (Loss of Main or Emergency FDW) ___ (2) ___ required.

Which ONE of the following completes the statements above?

- A. 1. LOSCM
2. is
 - B. 1. LOSCM
2. is NOT
 - C. 1. ICC
2. is
 - D. 1. ICC
2. is NOT
-

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Question: 6
(1 point)

Given the following Unit 1 conditions:

Initial conditions:

- Normal LPI decay heat removal in service

Current conditions:

- Loss of offsite power occurs
- Power restored via CT-4
- 1A and 1B LPI Pumps NOT available

Which ONE of the following describes the requirements to start the 1C LPI Pump?

Manual reset of Load Shed is __ (1) __ and starting of 1C LPI Pump is allowed after a MINIMUM of __ (2) __ seconds.

- A. 1. NOT required
2. 5
 - B. 1. required
2. 5
 - C. 1. NOT required
2. 30
 - D. 1. required
2. 30
-

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Question: 7
(1 point)

Given the following Unit 1 conditions:

- Reactor trip has just occurred
- Total RCP seal injection flow = 0 gpm
- Running Component Cooling pump tripped
- Standby CC pump did not start

Which ONE of the following describes the procedure whose performance is directed by the EOP and why?

Initiate...

- A. AP/20 (Loss of CC) to restore Component Cooling
 - B. AP/20 (Loss of CC) to ensure letdown is isolated
 - C. AP/25 (SSF EOP) to align an alternate letdown flowpath
 - D. AP/25 (SSF EOP) to align an alternate source of seal injection
-

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Question: 8
(1 point)

Given the following Unit 1 conditions:

Initial conditions:

- Reactor power = 90%
- 1B Main Feedwater pump trips

Current conditions:

- Reactor power = 70% decreasing
- RCS pressure = 2165 psig slowly decreasing
- Pressurizer level = 228 inches slowly decreasing
- Pressurizer temperature = 640°F slowly decreasing
- Pressurizer heater bank 1 (Group A and K) is ON
- Pressurizer heater banks 2, 3, and 4 are in AUTO and are OFF

The pressurizer is ___(1)___ AND the pressurizer heater bank 2 ___(2)___.

Which ONE of the following completes the statement above?

- A. 1. subcooled
 2. will energize at 2145 psig

 - B. 1. subcooled
 2. should be energized

 - C. 1. saturated
 2. will energize at 2145 psig

 - D. 1. saturated
 2. should be energized
-

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Question: 9
(1 point)

Given the following Unit 2 conditions:

- Loss of all sources of Feedwater has occurred
- RCS Pressure = 2250 psig increasing
- Pressurizer level = 294 inches increasing
- ALL SCM's = 24°F slowly decreasing

What is the:

- 1) lowest RCS pressure (psig) that will require Rule 4 (Initiation of HPI Forced Cooling) to be performed?
 - 2) PRIMARY reason for reducing the number of operating RCP's in accordance with Rule 4?
 - A.
 1. 2300
 2. Reduce the heat input to the RCS
 - B.
 1. 2300
 2. Provide the ability to recover from HPI forced cooling and re-establish a Pressurizer bubble.
 - C.
 1. 2255
 2. Reduce the heat input to the RCS
 - D.
 1. 2255
 2. Provide the ability to recover from HPI forced cooling and re-establish a Pressurizer bubble.
-

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Question: 10
(1 point)

Given the following Unit 3 conditions:

- Reactor power = 100%

Which ONE of the following will result in a Tech Spec LCO being NOT met?

- A. 3A SGTL rate = 160 gpd
 - B. 3B Core Flood Tank level = 12.69 feet
 - C. 3B Core Flood Tank pressure = 622 psig
 - D. 4 gpm RCS leak identified as being through valve stem packing of 3HP-1
-

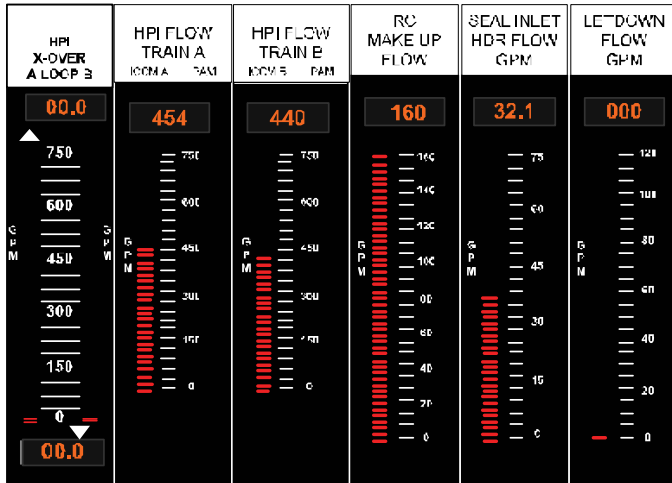
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Question: 11
(1 point)

Given the following Unit 1 conditions:

- ALL sources of feedwater have been lost
- Rule 4 (Initiation of HPI Forced Cooling) is complete with outstanding IAAT's
- 1A HPI pump has failed
- HPI flow parameters are as indicated below



In accordance with Rule 4, __ (1) __ RCP('s) is/are operating and HPI flow __ (2) __ required to be throttled.

Which ONE of the following completes the statement above?

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

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Question: 12
(1 point)

Given the following Unit 1 Conditions:

Initial conditions:

- Reactor Power = 100%
- ACB-4 closed

Current conditions:

- Reactor trip
- CT-1 Locks out
- KHU-2 Emergency Lockout occurs

Assuming no additional failures, which ONE of the following describes the first method used to restore power to Unit 1 MFB's?

- A. Automatically through ACB-3
 - B. Automatically through SL1 and SL2
 - C. Manually through ACB-3 in accordance with Enclosure 5.38 (Restoration of Power) of the EOP
 - D. Manually through SL1 and SL2 in accordance with Enclosure 5.38 (Restoration of Power) of the EOP
-

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Question: 13
(1 point)

Given the following Unit 1 conditions:

- Unit shutdown in progress
- Reactor power = 38% slowly decreasing
- LOOP (Switchyard Isolation) occurs

- 1) Based on the conditions above, the status of the Main Turbine will be __ (1) __ 5 minutes following the LOOP?
- 2) ANYTIME the Main Turbine is tripped, ICS uses __ (2) __ to control the Turbine Bypass Valves?

Which ONE of the following completes the statements above?

- A.
 1. tripped
 2. Turbine Header Pressure
 - B.
 1. tripped
 2. Steam Generator Outlet Pressure
 - C.
 1. NOT tripped
 2. Turbine Header Pressure
 - D.
 1. NOT tripped
 2. Steam Generator Outlet Pressure
-

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Question: 14
(1 point)

Given the following Unit 1 conditions:

Initial conditions

- Reactor Power = 100%
- SASS in Manual while SPOC repairs Pressurizer Level 3 level transmitter
- 1HP-120 in AUTO selected to Pressurizer Level 1

Current conditions:

- Vital Power to ICCM Train A fails

Which ONE of the following describes Pressurizer level control with 1HP-120?

- A. Selecting Pressurizer Level 2 and depressing the AUTO pushbutton on 1HP-120 are required to restore automatic control at setpoint
 - B. Selecting Pressurizer Level 2 ONLY will restore automatic control at setpoint
 - C. Manual control using 1HP-120 Bailey controller is all that is available
 - D. Additional actions are NOT required since Automatic control at setpoint is retained
-

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Question: 15
(1 point)

Given the following Unit 1 conditions:

Initial conditions:

- Reactor power = 100%
- Instrument Air pressure = 85 psig decreasing
- AP/22 (Loss of Instrument Air) has been initiated

Which ONE of the following

- 1) is the higher Instrument Air pressure (psig) that would require an immediate manual Reactor trip in accordance with AP/22?
- 2) states the reason AP/22 directs tripping the Main FDW pumps immediately after tripping the Reactor as described above?

- A.
 1. 70
 2. Controlling FDW valves fail “as is”
 - B.
 1. 65
 2. Controlling FDW valves fail “as is”
 - C.
 1. 70
 2. Controlling FDW valves fail closed
 - D.
 1. 65
 2. Controlling FDW valves fail closed
-

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Question: 16
(1 point)

Given the following Unit 1 conditions:

Initial conditions:

- AP/34 (Degraded Grid) in progress
- Generator output = 850 MWe and 450 MVARs
- Generator Hydrogen Pressure = 60 psig
- Generator Output Voltage = 18.2 KV

- 1) The Generator output ___ (1) ___ within the limits of the Generator Capability Curve.
- 2) If the generator exceeds the Underfrequency Maximum Allowable Time given in AP/34 (Degraded Grid) the Main Turbine ___ (2) ___ automatically trip.

Which ONE of the following completes the statements above?

REFERENCE PROVIDED

- A. 1. is NOT
2. will
 - B. 1. is NOT
2. will NOT
 - C. 1. is
2. will
 - D. 1. is
2. will NOT
-

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Question: 17
(1 point)

Given the following Unit 3 conditions:

- A brief loss of power has occurred
- Unit auxiliaries are being supplied from the switchyard via CT-3
- Subsequent Actions tab in progress

1) Subsequent Actions directs restarting __ (1) __.

2) The __ (2) __ RCP will provide the best Pressurizer Spray.

Which ONE of the following completes the statements above?

- A. 1. one RCP ONLY
2. 3A1
 - B. 1. one RCP ONLY
2. 3B1
 - C. 1. one RCP per loop
2. 3A1
 - D. 1. one RCP per loop
2. 3B1
-

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Question: 18
(1 point)

In accordance with the EOP, which ONE of the following describes the instruments that are used when initially stabilizing RCS temperature following a Main Steam Line Break and states one of the reasons why they are used?

- A. Tcolds are used since Tech Specs specifies that Tcold is RCS temperature
 - B. Tcolds are used since they are the coldest temperature and therefore most indicative of PTS issues
 - C. CETC's are used since the resultant RCS cooldown may result in Tcold being off scale low
 - D. CETC's are used since they are qualified instruments and are therefore more reliable in the hostile containment environment
-

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Question: 19
(1 point)

Given the following Unit 1 conditions:

Initial conditions:

- Time = 1200
- Reactor power = 100%
- 1A steam generator tube leak = 2.1 gpd stable
- RCS activity = 0.25 $\mu\text{Ci/ml}$ DEI increasing

Current conditions:

- Time = 1400
- NO change in 1A SG tube leak rate
- RCS activity = 0.65 $\mu\text{Ci/ml}$ DEI increasing

Which ONE of the following describes the response of the radiation monitors between 1200 and 1400?

- A. 1RIA-59 (N-16 monitor) and 1RIA-40 (CSAE Off-gas) increased.
 - B. 1RIA-16 (Main Steam Line Monitor) and 1RIA-40 increased.
 - C. 1RIA-59 increased while 1RIA-40 remained constant.
 - D. 1RIA-16 increased while 1RIA-40 remained constant.
-

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Question: 20
(1 point)

Given the following Unit 2 condition:

Initial conditions:

- Time = 0900
- Reactor Startup in progress
- NI 1 & 2 = 370 cps
- NI 3 & 4 = 0 cps (out of service)
- ALL WR NI's = $\sim 2.7 \text{ E-4}\%$

Current conditions:

- Time = 0901
- NI 1 & 2 are inoperable

Which ONE of the following describes:

1) immediate actions required by Tech Spec 3.3.9 (Source Range Neutron Flux)?

2) the reason for the actions described above?

- A. 1. Insert Control Rods to Group 1 at 50% withdrawn
 2. Prevents power increases when the primary power indication for the operator is not available.
- B. 1. Insert Control Rods to Group 1 at 50% withdrawn
 2. 2 dpm Startup Rate Control Rod Out Inhibit is no longer available
- C. 1. Fully insert all Control Rods
 2. Prevents power increases when the primary power indication for the operator is not available.
- D. 1. Fully insert all Control Rods
 2. 2 dpm Startup Rate Control Rod Out Inhibit is no longer available
-

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Question: 21
(1 point)

Given the following Unit 1 conditions:

- Reactor power = 92% decreasing
- Unit shutdown in progress per the SGTR tab

- 1) In accordance with the SGTR tab and Enclosure 5.5 (Pzr and LDST Level Control), RCS makeup and letdown will be adjusted to maintain Pressurizer level between ___ (1) ___ inches.
- 2) The reason for this Pzr level band is to provide adequate inventory to ___ (2) ___.

Which ONE of the following completes the statements above?

- A.
 1. 140 – 180
 2. ensure Pzr heaters will remain covered if a subsequent reactor trip occurs
 - B.
 1. 140 – 180
 2. accommodate system shrinkage during shutdown/cooldown from 18% power
 - C.
 1. 220 – 260
 2. ensure Pzr heaters will remain covered if a subsequent reactor trip occurs
 - D.
 1. 220 – 260
 2. accommodate system shrinkage during shutdown/cooldown from 18% power
-

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Question: 22
(1 point)

Given the following Unit 1 conditions:

- Reactor power = 100%

Which ONE of the following will result in an AUTOMATIC trip of the Main Turbine?

- A. Bearing Oil Pressure = 5.5 psig
 - B. Main Turbine speed = 1955 RPM
 - C. EHC Hydraulic Oil pressure = 1210 psig
 - D. EITHER Steam Generator Level = 93% OR
-

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Question: 23
(1 point)

Given the following Unit 1 conditions:

Initial conditions:

- Reactor power = 100%
- 1A GWD tank release in progress
- 1RIA-38 OOS

Current conditions:

- Maintenance activities in the area result in an inadvertent loss of power to RM-80 skid of 1RIA-37
- 1SA8/B9 RM PROCESS MONITOR RADIATION HIGH in alarm
- 1SA8/B10 RM PROCESS MONITOR FAULT in alarm

- 1) 1GWD-4 (A GWD TANK DISCHARGE) should __(1)__.
- 2) The required Completion Time in SLC 16.11.3 (Radioactive Effluent Monitoring Instrumentation) for suspending the release by this pathway if not already isolated and both 1RIA-37 and 1RIA-38 become inoperable is __(2)__.

Which ONE of the following completes the statements above?

- A.
 1. remain open
 2. immediately
 - B.
 1. automatically close
 2. immediately
 - C.
 1. remain open
 2. 1 hour
 - D.
 1. automatically close
 2. 1 hour
-

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Question: 24
(1 point)

Given the following Unit 1 conditions:

- Reactor power = 2%
- 1SA2/B11 (ICS AUTO POWER FAILURE) actuated
- 1SA2/B13 (ICS HAND POWER FAILURE) actuated

Which ONE of the following describes:

- 1) the level at which SGs will be maintained?
 - 2) how decay heat removal from the core is controlled?
- A. 1. 25 inches SUR
 2. ADVs
- B. 1. 30 inches XSUR
 2. ADVs
- C. 1. 25 inches SUR
 2. TBVs
- D. 1. 30 inches XSUR
 2. TBVs
-

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Question: 25
(1 point)

Given the following Unit 1 conditions:

Initial conditions:

- Switchyard isolation occurs

Current conditions:

- Shutdown of KHU's is desired

Which ONE of the following states:

1) if a Load Shed has occurred?

2) the procedure that will be used to perform a remote shutdown of the KHU's?

- A. 1. Yes
 2. OP/0/A/2000/041 (Keowee Modes of Operations)
- B. 1. No
 2. OP/0/A/2000/041 (Keowee Modes of Operations)
- C. 1. Yes
 2. OP/0/A/1106/019 (Keowee Hydro At Oconee)
- D. 1. No
 2. OP/0/A/1106/019 (Keowee Hydro At Oconee)
-

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Question: 26
(1 point)

Given the following Unit 1 conditions:

- ES 1-8 have actuated
- LOCA CD tab in progress
- RCS pressure = 423 psig slowly decreasing
- 1A LPI Pump operating in the Piggyback alignment

Which ONE of the following describes the:

1) operational limitations on the operating LPI pump?

2) pump(s) being protected by the above limitation?

- A.
 1. Maximized to < 3100 gpm
 2. LPI
 - B.
 1. Maximized to < 3100 gpm
 2. HPI
 - C.
 1. Maximized to < 2900 gpm
 2. LPI
 - D.
 1. Maximized to < 2900 gpm
 2. HPI
-

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Question: 27
(1 point)

Given the following Unit 1 conditions:

- Reactor trip from 100% due to a SBLOCA
- Reactor building pressure has peaked at 1.7 psig
- Subcooled margins are stable as indicated below

LOOP A SUBCOOLING MARGIN (F)	CORE SUBCOOLING MARGIN (F)	CORE SUBCOOLING MARGIN (F)	LOOP B SUBCOOLING MARGIN (F)
12	8	6	0

Which ONE of the following describes how Feedwater will be used to mitigate this event?

Steam Generator levels will be controlled at _____?

- A. 240 inches using Emergency Feedwater
 - B. 240 inches using Main Feedwater
 - C. Loss of Subcooling Margin setpoint using Emergency Feedwater
 - D. Loss of Subcooling Margin setpoint using Main Feedwater
-

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Question: 28
(1 point)

Which ONE of the following describes:

- 1) the design purpose of extending RCP coast down time with the flywheel?
 - 2) an expected core delta T (°F) 30 minutes following a lockout of 1TA and 1TB?
- A. 1. Helps prevent the core from reaching DNBR limits
 2. 35
- B. 1. Helps prevent the core from reaching DNBR limits
 2. 47
- C. 1. Reduces the likelihood of a Reactor trip following a RCP trip at power
 2. 35
- D. 1. Reduces the likelihood of a Reactor trip following a RCP trip at power
 2. 47
-

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Question: 29
(1 point)

- 1) The Letdown Storage Tank contains approximately __ (1) __ gallons of water per inch of level.
- 2) The HIGHER Letdown Storage Tank level that will automatically open 1HP-24 and 1HP-25 is __ (2) __ inches.

Which ONE of the following completes the statements above?

- A. 1. 24
 2. 38
 - B. 1. 24
 2. 54
 - C. 1. 31
 2. 38
 - D. 1. 31
 2. 54
-

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Question: 30
(1 point)

Given the following Unit 2 conditions:

- RCS Cooldown in progress
- 2B LPI cooler isolated due to cooler leak

Which ONE of the following states the:

- 1) LPI Decay Heat Removal mode that will be used for the INITIAL transition to LPI cooling?
- 2) HIGHER RCS pressure (psig) that will allow aligning LPI in the Normal Decay Heat Removal alignment?

- A.
 1. Switchover
 2. 220
 - B.
 1. High Pressure
 2. 220
 - C.
 1. Switchover
 2. 115
 - D.
 1. High Pressure
 2. 115
-

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Question: 31
(1 point)

Given the following Unit 1 conditions:

- Rule 3 initiated
- Loss of Heat Transfer tab in progress
- Efforts underway to re-establish Steam Generator cooling
- 1SA-18/D1 (RC SYSTEM APPROACHING SATURATED CONDITIONS) in alarm
- 1SA-2/D3 (RC PRESS HIGH/LOW) in alarm
- Pressurizer level = 380" slowly increasing
- RCS pressure = 2240 psig slowly increasing
- SCM = 0°F

Which ONE of the following states which additional EOP Rules (if any) should be initiated?

- A. NO additional rules required
 - B. Rule 2 (Loss of SCM) ONLY
 - C. Rule 4 (Initiation of HPI Forced Cooling) ONLY
 - D. Rule 2 AND Rule 4
-

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Question: 32
(1 point)

Given the following Unit 2 condition:

Initial conditions:

- Unit startup in progress
- RCS temperature = 310°F slowly increasing
- Maintenance in progress in the area of 2DIB panelboard

Current conditions:

- 2DIB breaker #24 (2RC-66 Pilot Valve DC solenoid power supply) is inadvertently opened

Which ONE of the following describes:

1) a Tech Spec Limiting Condition of Operation that is NOT met?

2) the position of 2RC-66?

- A. 1. 3.4.9 (Pressurizer)
 2. Open
- B. 1. 3.4.9 (Pressurizer)
 2. Closed
- C. 1. 3.4.12 (LTOP)
 2. Open
- D. 1. 3.4.12 (LTOP)
 2. Closed
-

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Question: 33
(1 point)

Given the following Unit 1 conditions:

Initial conditions

- Loss of all Feedwater
- HPI forced cooling initiated
- Quench Tank pressure = 40 psig increasing
- RCS activity indicates no fuel failures present

Current conditions

- Quench Tank pressure = 3 psig stable

Which ONE of the following describes the:

- 1) reactor building RIA's response to the above conditions?
- 2) valve(s) that will automatically close anytime 1RIA-49 reaches its HIGH alarm setpoint?

- A. 1. increases
 2. 1LWD-1 AND 1LWD-2
- B. 1. remains constant
 2. 1LWD-1 AND 1LWD-2
- C. 1. increases
 2. 1LWD-2 ONLY
- D. 1. remains constant
 2. 1LWD-2 ONLY
-

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Question: 34
(1 point)

Given the following Unit 1 conditions:

- 1SA-08/B-9 (PROCESS MONITOR RADIATION HIGH)
- 1RIA-50 in HIGH alarm
- CC Surge Tank level increasing

1) The CC Surge tank __ (1) __.

2) If the RCS leakage threatens to overflow the associated waste tank, AP/1/A/1700/002 (Excessive RCS Leakage) will direct __ (2) __.

Which ONE of the following completes the statements above?

- A.
 1. will overflow to the LAWT
 2. tripping the Reactor
 - B.
 1. will overflow to the LAWT
 2. initiating a shutdown using AP/1/A/1700/029 (Rapid Unit Shutdown)
 - C.
 1. will overflow to a floor drain which drains to the MWHUT
 2. tripping the Reactor
 - D.
 1. will overflow to a floor drain which drains to the MWHUT
 2. initiating a shutdown using AP/1/A/1700/029 (Rapid Unit Shutdown)
-

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Question: 35
(1 point)

Which ONE of the following states the automatic OPEN setpoints (psig) for 1RC-1 (Pzr Spray) and 1RC-66 (PORV) in Mode 1?

1RC-1 1RC-66

- A. 2205 2450
 - B. 2205 2500
 - C. 2255 2450
 - D. 2255 2500
-

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Question: 36
(1 point)

Given the following Unit 1 conditions:

- Reactor power = 100%
- 1D RPS channel in Manual Bypass
- 1A RPS Thot RTD fails low

Which ONE of the following:

- 1) describes ALL 1A RPS functions affected by the failure?
 - 2) states if OP/1/A/1105/014 (Control Room Instrumentation Operation And Information) requires tripping the 1A RPS channel?
- A. 1. RCS High Outlet Temperature ONLY
 2. yes
- B. 1. RCS High Outlet Temperature ONLY
 2. no
- C. 1. RCS High Outlet Temperature and RCS Variable Low Pressure
 2. yes
- D. 1. RCS High Outlet Temperature and RCS Variable Low Pressure
 2. no
-

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Question: 37
(1 point)

Which ONE of the following describes how RCS Pressure signals are used to provide control signals to the Integrated Control System?

- A. Median Selected from one wide range pressure and two channels of RPS narrow range pressure (A and B)
 - B. Median Selected from three channels of RPS narrow range pressure (A, B, and E)
 - C. 2nd Max Selected from RPS narrow range pressures (A, B, C, & D)
 - D. 2nd Min Selected from RPS narrow range pressures (A, B, C, & D)
-

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ILT44 ONS SRO NRC Examination

Question: 38
(1 point)

Given the following Unit 2 conditions:

Initial conditions:

- Reactor power = 100%

Current conditions:

- MSLB occurs
- RCS pressure = 1580 psig slowly increasing
- RB peak pressure = 2.8 psig

Which ONE of the following describes a valve that has received a signal to CLOSE?

- A. 2CC-7
 - B. 2HP-24
 - C. 2LWD-2
 - D. 2LPSW-1062
-

Oconee Nuclear Station

ILT44 ONS SRO NRC Examination

Question: 39
(1 point)

Given the following plant conditions:

Time = 1200

- Unit 1 Reactor power = 100%
- Unit 2 Reactor power = 100%
- ACB-4 closed

Time = 1201

- LOCA occurs on Unit 1
- Switchyard Isolation occurs

Which ONE of the following states the source of power being used to energize 1DIA at Time = 1202?

- A. Control Batteries
 - B. KHU-1
 - C. KHU-2
 - D. CT-5
-

Oconee Nuclear Station

ILT44 ONS SRO NRC Examination

Question: 40
(1 point)

Given the following Unit 2 conditions:

Time = 1200

- Reactor in MODE 5
- LPI aligned to normal Decay Heat Removal mode
- 2RIA-35 (Combined LPSW effluent leaving the Reactor Building and the Auxiliary Building) is isolated for repair

Time = 1300

- Large LPI Cooler leak in 2A LPI Cooler occurs

Time = 1500

- Actions to isolate the 2A LPI Cooler are initiated
- RCS temperature slowly increasing

1) At Time = 1330 there __ (1) __ an RIA alarm indicating the LPI Cooler leak?

2) Entry into MODE 4 will occur when RCS temperature exceeds __ (2) __ °F?

Which ONE of the following completes the statements above?

- A. 1. is
2. 200
 - B. 1. is
2. 250
 - C. 1. is NOT
2. 200
 - D. 1. is NOT
2. 250
-

Oconee Nuclear Station

ILT44 ONS SRO NRC Examination

Question: 41
(1 point)

Given the following Unit 1 conditions:

- Reactor is in MODE 5
- RB Purge in progress
- Unit 1 vent activity increasing
- 1RIA-45 HIGH alarm fails to actuate at setpoint

- 1) Automatic termination of RB Purge operation due to increasing activity __ (2) __ available?
- 2) Purge operation __ (1) __ be allowed if the unit were in MODE 4.

Which ONE of the following completes the statements above?

- A.
 1. is
 2. would
 - B.
 1. is
 2. would NOT
 - C.
 1. is NOT
 2. would
 - D.
 1. is NOT
 2. would NOT
-

Oconee Nuclear Station

ILT44 ONS SRO NRC Examination

Question: 42
(1 point)

Given the following Unit 1 conditions:

- 1A LPSW Pump trips
- Standby LPSW pump fails to start

Which ONE of the following will begin to increase in temperature?

ASSUME NO MANUAL ACTIONS ARE TAKEN

- A. Letdown
 - B. Spent Fuel Pool
 - C. Main Feedwater Pump oil temperature
 - D. Primary Instrument Air Compressor discharge air temperature
-

Oconee Nuclear Station

ILT44 ONS SRO NRC Examination

Question: 43
(1 point)

Which ONE of the following is the power supply for the Unit 2 Auxiliary Instrument Air System compressor?

- A. 2XD
 - B. 2XF
 - C. 2XP
 - D. 2XS1
-

Oconee Nuclear Station

ILT44 ONS SRO NRC Examination

Question: 44
(1 point)

Given the following Unit 1 conditions:

Initial conditions:

- Reactor Power = 100%
- 1A MSLB inside containment

Current conditions:

- Core SCM = 18°F stable
- RB Pressure = 17 psig slowly decreasing

Which ONE of the following sets of actions is required by Enclosure 5.1 (ES Actuation)

- A. Take ES Channel 1 to manual AND open 1HP-20
 - B. Take ES Channel 1 to manual AND open 1HP-3
 - C. Override Odd Voters AND open 1HP-20
 - D. Override Odd Voters AND open 1HP-3
-

Oconee Nuclear Station

ILT44 ONS SRO NRC Examination

Question: 45
(1 point)

Given the following Unit 1 conditions:

Initial conditions:

- Reactor Power = 100%

Which ONE of the following:

- 1) describes the LOWER SG Operating Range level (%) that will result in an automatic trip of both Main Feedwater pumps?
- 2) states if SG Operating Range level indications are temperature compensated?

- A. 1. 87
 2. No
- B. 1. 87
 2. Yes
- C. 1. 97
 2. No
- D. 1. 97
 2. Yes
-

Oconee Nuclear Station

ILT44 ONS SRO NRC Examination

Question: 46
(1 point)

Given the following Unit 1 conditions:

- Reactor power = 50% slowly decreasing
- OAC Unavailable
- Computer Reactor Calculation Package NOT running

Which ONE of the following:

- 1) is the HIGHER power level (% Power) at which Tech Spec limits on Reactor Power Imbalance do NOT apply?
- 2) describes how OP/1/A/1105/014 (Control Room Instrumentation Operation And Information) directs the operator to determine if Imbalance limits specified in the COLR have been exceeded?

- A.
 1. 35
 2. by use of CR gages for Power Range NI's
 - B.
 1. 35
 2. by performing PT/1/A/1103/019 (Backup Incore Detector System)
 - C.
 1. 15
 2. by use of CR gages for Power Range NI's
 - D.
 1. 15
 2. by performing PT/1/A/1103/019 (Backup Incore Detector System)
-

Oconee Nuclear Station

ILT44 ONS SRO NRC Examination

Question: 47
(1 point)

Given the following Unit 1 conditions:

Initial conditions:

- Mode 6
- REFUELING is in progress
- All four SR NIs in service
- SR 1NI-1 and SR 1NI-3 are the designated NIs for Fuel Handling

Current conditions:

- Power supply to SR 1NI-1 fails (0 vdc)

Which ONE of the following describes the impact on refueling activities in accordance with OP/1/A/1502/007 (Operations Defueling/Refueling Responsibilities)?

- A. Allowed to continue because two other SR NIs remain in service
 - B. Allowed to continue because SR NI-3 is still in service
 - C. Required to be stopped until another SR NI is designated because other NIs are procedurally allowed to be designated
 - D. Required to be stopped and cannot be resumed until SR 1NI-1 is returned to service because other NIs are NOT procedurally allowed to be designated
-

Oconee Nuclear Station

ILT44 ONS SRO NRC Examination

Question: 48
(1 point)

Given the following Unit 1 conditions:

Time = 1200

- Reactor Power = 40% stable following an instrument failure
- Turbine Header Pressure = 860 psig stable
- Feedwater, Reactor, and Main Turbine in Manual

Time = 1300

- ICS in Automatic
- Turbine Header Pressure = 860 psig stable

Time = 1301

- Reactor Trips prior to any additional Turbine Header Pressure setpoint adjustments

Which ONE of the following is the pressure (psig) where the Turbine Bypass Valves will automatically control Steam Generator pressure?

- A. 885
 - B. 910
 - C. 985
 - D. 1010
-

Oconee Nuclear Station

ILT44 ONS SRO NRC Examination

Question: 49
(1 point)

Given the following Unit 1 conditions:

Time = 1200:00

- Reactor power = 80% stable
- 1A and 1B CBP operating

Time = 1201:00

- 1A CBP trips
- Feedwater Pump suction pressure = 225 psig slowly decreasing

Time = 1203:00

- Feedwater Pump suction pressure = 220 slowly increasing

Which ONE of the following describes the:

- 1) runback rate (%/min) inserted at Time = 1201:00 to ICS?
- 2) procedure that will be directed by the CRS at Time = 1203:00?

- A. 1. 15
 2. AP/1/A/1700/001 (Unit Runback)
- B. 1. 15
 2. EOP
- C. 1. 20
 2. AP/1/A/1700/001 (Unit Runback)
- D. 1. 20
 2. EOP
-

Oconee Nuclear Station

ILT44 ONS SRO NRC Examination

Question: 50

(1 point)

Given the following Unit 1 conditions:

- Reactor power = 100%
- Primary to Secondary leakage of 10 gpd has just been detected
- AP/1/A/1700/031 (Primary to Secondary Leakage) has been initiated

- 1) In accordance with AP/31, opening the Turbine Building Sump (TSP) pump breakers prior to being ready to hang White Tags on the TBS pump breakers ___(1)___ allowed.
- 2) A sustained loss of power to 1RIA-54 will trip BOTH Turbine Building Sump Pumps ___(2)___.

Which ONE of the following completes the statements above?

- A.
 1. is NOT
 2. after a 2 minute timer
 - B.
 1. is NOT
 2. immediately
 - C.
 1. is
 2. after a 2 minute timer
 - D.
 1. is
 2. immediately
-

Oconee Nuclear Station

ILT44 ONS SRO NRC Examination

Question: 51
(1 point)

Given the following Unit 1 conditions:

Initial conditions:

- Time = 1200
- 1A GWD tank pressure = 68 psig stable

Current conditions:

- Time = 1205
- 1A GWD tank pressure = 18 psig rapidly decreasing
- Various Aux Building RIA's in alarm
- 1RIA-1 (Control Room Monitor) in HIGH alarm
- 1RIA-39 (CNTL RM Gas) in HIGH alarm
- AP/1/A/1700/018 (Abnormal Release of Radioactivity) in progress
- A and B Outside Air Booster Fans have been started

Which ONE of the following:

- 1) states if 1RIA-1 has a local alarm (do not count associated statalarm(s))?
- 2) describes the areas being provided outside air via the Outside Air Booster Fans?

- A. 1. Yes
 2. Control Room ONLY
- B. 1. No
 2. Control Room ONLY
- C. 1. Yes
 2. Control Room, Cable Rooms, and the Equipment Rooms
- D. 1. No
 2. Control Room, Cable Rooms, and the Equipment Rooms
-

Oconee Nuclear Station

ILT44 ONS SRO NRC Examination

Question: 52
(1 point)

1RIA-59 setpoints are set by __ (1) __ and the MINIMUM power level at which 1RIA-59 is used to determine SGTL rate is __ (2) __ (% power) in accordance with the EOP.

Which ONE of the following completes the statement above?

- A. 1. I&E
 2. 20

 - B. 1. I&E
 2. 40

 - C. 1. ROs
 2. 20

 - D. 1. ROs
 2. 40
-

Oconee Nuclear Station

ILT44 ONS SRO NRC Examination

Question: 53
(1 point)

Which ONE of the following states all of the switchgear that can supply power to the B LPSW pump?

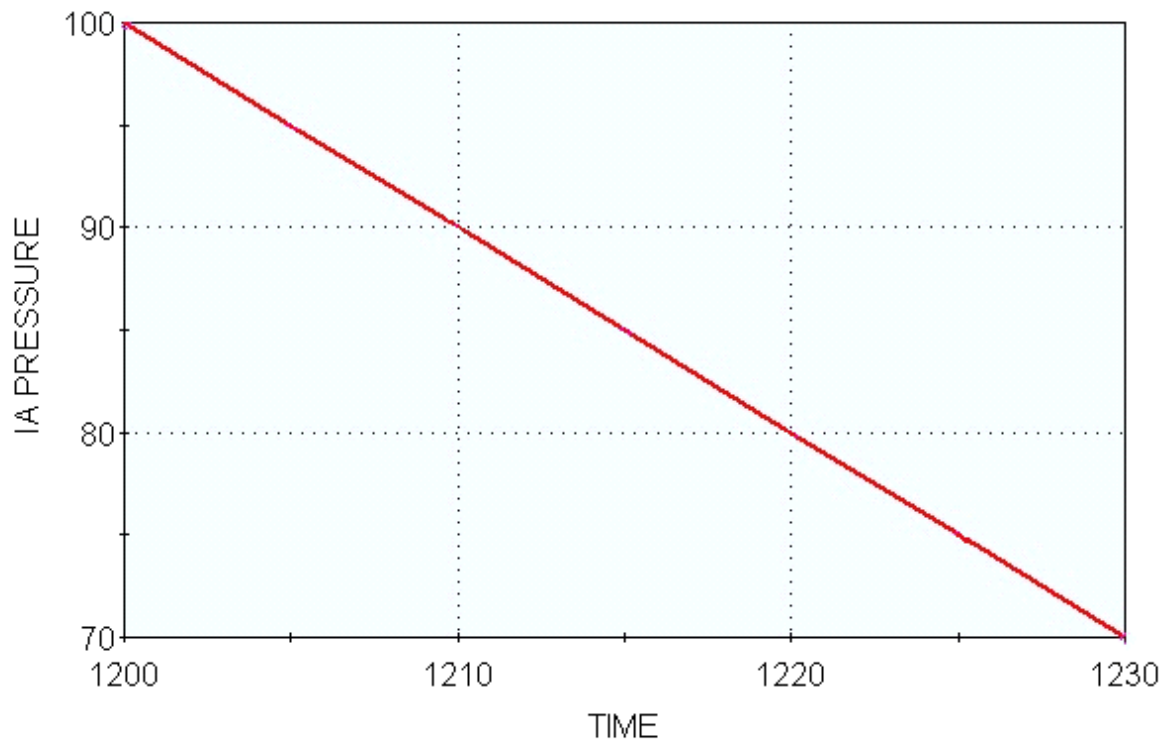
- A. 1TD ONLY
 - B. 2TC ONLY
 - C. 1TC or 2TD
 - D. 1TD or 2TD
-

Oconee Nuclear Station

ILT44 ONS SRO NRC Examination

Question: 54
(1 point)

IA PRESSURE



Based on the graph above, which ONE of the following describes the EARLIEST time at which SA-141 (SA to IA Controller) will automatically open?

- A. 1207
 - B. 1210
 - C. 1212
 - D. 1215
-

Oconee Nuclear Station

ILT44 ONS SRO NRC Examination

Question: 55
(1 point)

Which ONE of the following describes what should be used in the case of a large Hydrogen leak to maintain Hydrogen concentration below the lower flammability limit in accordance with OP/1/A/1106/017 (Hydrogen System)?

- A. CO2
 - B. Water
 - C. Halon
 - D. Foam fire retardant
-

Oconee Nuclear Station

ILT44 ONS SRO NRC Examination

Question: 56
(1 point)

Which ONE of the following is the LOWER limit on RCS activity that would require entry into AP/21 (RCS Activity)?

- A. Xe-133 = 0.25 $\mu\text{Ci/gm}$
 - B. Xe-133 = 1.0 $\mu\text{Ci/gm}$
 - C. DEI = 0.25 $\mu\text{Ci/gm}$
 - D. DEI = 1.0 $\mu\text{Ci/gm}$
-

Oconee Nuclear Station

ILT44 ONS SRO NRC Examination

Question: 57
(1 point)

Which ONE of the following activities complies with guidance contained in SOMP 1-2 (Reactivity Management)?

- A. Manual rod withdrawal during a Feedwater transient to stop a temperature decrease caused by an instrument failure
 - B. Manually increasing Feedwater flow to stop an RCS pressure increase caused by an RCS temperature increase
 - C. Manually raising one Loop FDW demand while lowering the other Loop FDW demand to control ΔT_{cold} following an RCP trip
 - D. Manually increasing turbine demand to adjust RCS temperature
-

Oconee Nuclear Station

ILT44 ONS SRO NRC Examination

Question: 58
(1 point)

Which ONE of the following tags would be used ONLY for configuration control of 1HP-409 in accordance with NSD-500 (Red Tags/Configuration Control Tags)?

- A. White Tag
 - B. MORT Tag
 - C. OORT Tag
 - D. CORT Tag
-

Oconee Nuclear Station

ILT44 ONS SRO NRC Examination

Question: 59
(1 point)

Given the following Unit 1 condition:

- Reactor in MODE 1

Which ONE of the following is the MINIMUM Pressurizer level (inches) that would require declaring Tech Spec 3.4.9 (Pressurizer) LCO NOT met in accordance with PT/1/A/0600/001 (Periodic Instrument Surveillance)?

- A. 240
 - B. 260
 - C. 285
 - D. 340
-

Oconee Nuclear Station

ILT44 ONS SRO NRC Examination

Question: 60
(1 point)

Given the following Unit 1 conditions:

- Reactor trip due to loss of both Main FDW pumps
- Instrument Air pressure = 0 psig
- Auxiliary Instrument Air pressure= 0 psig

Which ONE of the following describes the status of 1FDW-315 and 1FDW-316?

- A. Available for Manual operation ONLY once the air supply was lost
 - B. Will be available for Automatic operation for a MINIMUM of 30 minutes from the loss of air supply
 - C. Will be available for Automatic operation for a MINIMUM of 1 hour from the loss of air supply
 - D. Will be available for Automatic operation for a MINIMUM of 2 hours from the loss of air supply
-

Oconee Nuclear Station

ILT44 ONS SRO NRC Examination

Question: 61
(1 point)

Given the following Unit 2 conditions:

Initial conditions:

- Time = 1200
- RCS temperature = 92°F stable
- RB Purge in progress
- 2RIA-45 HIGH alarm setpoint = 1520 cpm
- 2RIA-45 = 1342 cpm stable

Current conditions:

- Time = 1205
- 2RIA-45 = 1520 cpm increasing

Which ONE of the following describes:

- 1) ALL valves that will CLOSE?
- 2) 2RIA-46 reading (cpm) at time = 1200?

- A.
 1. 2PR-1 through 2PR-6
 2. Zero
 - B.
 1. 2PR-1 through 2PR-6
 2. 1342
 - C.
 1. 2PR-2 through 2PR-5 ONLY
 2. Zero
 - D.
 1. 2PR-2 through 2PR-5 ONLY
 2. 1342
-

Oconee Nuclear Station

ILT44 ONS SRO NRC Examination

Question: 62
(1 point)

Given the following plant conditions:

- Venting the 1C LPI Pump in progress using the following RWP information:
 - Dose Alarm : 25 mrem
 - Dose Rate Alarm: 200 mrem/hr
 - Dose Alarm: Stop work - Exit Area - Notify RP
 - Unanticipated Dose Rate Alarm: Stop Work - Exit Area - Notify RP

Which ONE of the following states the MAXIMUM time work can continue before complying with the RWP will require exiting the area?

SEE PLAN VIEW PROVIDED

Do NOT consider dose received while traveling to or from the job.

- A. 15 minutes
 - B. 30 minutes
 - C. 2 hours
 - D. 4 hours
-

Oconee Nuclear Station

ILT44 ONS SRO NRC Examination

Question: 63
(1 point)

Of the two tabs below, the __ (1) __ tab of the EOP has a higher priority because __ (2) __.

Which ONE of the following completes the statement above?

- A.
 - 1. LOSCM
 - 2. prompt actions are required to ensure core cooling is maintained

 - B.
 - 1. LOSCM
 - 2. actions to initiate HPI injection are required prior to the RCS void fraction reaching 70%.

 - C.
 - 1. SGTR
 - 2. a Reactor trip with a SGTR results in a direct release path for radionuclides to the environment

 - D.
 - 1. SGTR
 - 2. actions to depressurize RCS to minimize SCM during a SGTR is a Time Critical Action that may not otherwise be met
-

Oconee Nuclear Station

ILT44 ONS SRO NRC Examination

Question: 64
(1 point)

Given the following Unit 1 conditions:

- Reactor Power = 70%

Which ONE of the following would require entry into the EOP?

- A. Condenser vacuum = 22.3" hg
 - B. 1RIA-59 = 31.4 gpm
 - C. 1B Main FDW pump trips
 - D. 1A1 RCP trips
-

Oconee Nuclear Station

ILT44 ONS SRO NRC Examination

Question: 65
(1 point)

Given the following Unit 1 conditions:

Initial conditions:

- Reactor power = 100%
- 1KVIA Panelboard de-energized

Current conditions:

- MSLB inside the Reactor Building occurs
- Lowest RCS pressure = 1137 psig
- Reactor Building Pressure peaked at 32 psig

Which ONE of the following describes ALL ES Actuation Logic Channels that have actuated?

- A. 1, 3, 5, 7
 - B. 2, 4, 6, 8
 - C. 1, 5, 7 ONLY
 - D. 2, 6, 8 ONLY
-

Oconee Nuclear Station

ILT44 ONS SRO NRC Examination

Question: 66
(1 point)

Given the following Unit 1 conditions:

Initial conditions:

- Time = 1200
- Reactor Power = 100%
- 1A MSLB inside the Reactor Building

Current conditions:

- Time = 1201
- Reactor Building Pressure = 3 psig increasing

Which ONE of the following describes the operation of 1LPSW-18?

- A. It is NORMALLY fully open however it will receive a signal to open from ES-5 at 1201
 - B. It is NORMALLY throttled and will go fully open when it receives a signal to open from ES-5 at 1201
 - C. It is NORMALLY fully open however it will receive a signal to open from ES-5 at 1204
 - D. It is NORMALLY throttled and will go fully open when it receives a signal to open from ES-5 at 1204
-

Oconee Nuclear Station

ILT44 ONS SRO NRC Examination

Question: 67
(1 point)

Given the following Unit 1 conditions:

Initial conditions:

- Reactor power = 50%

Current conditions:

- LBLOCA occurs
- 1TD de-energized
- 1B RBCU switch in OFF

Which ONE of the following describes the status of the below listed Reactor Building Cooling Units five (5) minutes after ES actuates?

ASSUME NO OPERATOR ACTIONS

	<u>1B RBCU</u>	<u>1C RBCU</u>
A.	LOW	LOW
B.	LOW	OFF
C.	OFF	LOW
D.	OFF	OFF

Oconee Nuclear Station

ILT44 ONS SRO NRC Examination

Question: 68
(1 point)

Given the following plant conditions:

- SBLOCA has occurred on Unit 1
- Reactor Building Pressure = 11.2 psig slowly decreasing
- Unit 2 Reactor Power = 100%

Which ONE of the following describes the actions directed (if any) by Enclosure 5.1 (ES Actuation) to ensure the required LPSW flow exists in the 1A LPI cooler?

- A. Place 1LPSW-251 in "Failed Open" ONLY
 - B. Place 1LPSW-251 in "Failed Open" AND fully open 1LPSW-4
 - C. Place 1LPSW-251 in "Failed Open" AND Throttle LPSW flow to approximately 3000 gpm using 1LPSW-4
 - D. Place 1LPSW-251 in "Failed Open" AND Throttle LPSW flow to approximately 5200 gpm using 1LPSW-4
-

Oconee Nuclear Station

ILT44 ONS SRO NRC Examination

Question: 69
(1 point)

Given the following Unit 1 conditions:

Initial conditions:

- Reactor power = 100%
- Loss of offsite power occurs

Current conditions:

- Main Feeder Buses remain de-energized

1) The position of 1MS-112 (SSRH Control) is __ (1) __.

2) 1MS-77 (MS to MSR) __ (2) __ be operated from the control room switch.

Which ONE of the following completes the statements above?

- A. 1. open
2. can
 - B. 1. closed
2. can
 - C. 1. open
2. can NOT
 - D. 1. closed
2. can NOT
-

Oconee Nuclear Station

ILT44 ONS SRO NRC Examination

Question: 70
(1 point)

Given the following Unit 1 conditions:

- Reactor Power = 50%
- 1A Turbine Bypass Valve fails OPEN

Which ONE of the following describes the plant response?

ASSUME NO OPERATOR ACTIONS

Reactor power will...

- A. Increase then return to pre-transient level.
 - B. Increase and stabilize at a higher power level.
 - C. Decrease then return to pre-transient level.
 - D. Decrease and stabilize at a lower power level.
-

Oconee Nuclear Station

ILT44 ONS SRO NRC Examination

Question: 71
(1 point)

Given the following Unit 1 conditions:

- Reactor Power = 80% stable
- ICS in Manual
- 1B Main Feedwater Pump trips

Which ONE of the following is the MAXIMUM power level allowed in accordance with AP/1 (Plant Runback).

- A. 74%
 - B. 65%
 - C. 60%
 - D. 55%
-

Oconee Nuclear Station

ILT44 ONS SRO NRC Examination

Question: 72
(1 point)

Given the following Unit 3 conditions:

Initial conditions:

- Reactor tripped from 35% power due to 3TA lockout
- 3A Main FDW pump operating
- 3FDW-35 & 3FDW-44 (3A and 3B Startup FDW Control) in MANUAL
- 3A and 3B SG levels = 38" SU and stable

Current conditions:

- 3FDW-35 & 44 are placed in Automatic

Which ONE of the following describes the response of 3FDW-35 & 44?

- A. Travel open to increase SG levels to 240" XSUR.
 - B. Travel open to increase SG levels to 50% on Operating level.
 - C. Travel closed to decrease SG level to 30" on XSUR.
 - D. Travel closed to decrease SG level to 25" on SU level.
-

Oconee Nuclear Station

ILT44 ONS SRO NRC Examination

Question: 73
(1 point)

Which ONE of the following describes the:

- 1) primary concern at ONS regarding Main Feedwater backleakage into the EFDW discharge piping?
 - 2) method used to determine if Main Feedwater backleakage into the EFDW discharge piping is occurring?
-
- A.
 1. Vapor binding of the EFDW pumps
 2. locally monitoring EFDW pump discharge piping for increasing temperature
 - B.
 1. Vapor binding of the EFDW pumps
 2. Monitoring EFDW temperature OAC points for increasing temperature
 - C.
 1. Overpressurizing the EFDW system piping
 2. locally monitoring EFDW pump discharge piping for increasing temperature
 - D.
 1. Overpressurizing the EFDW system piping
 2. Monitoring EFDW temperature OAC points for increasing temperature
-

Oconee Nuclear Station

ILT44 ONS SRO NRC Examination

Question: 74
(1 point)

Given the following plant conditions:

- No Keowee Units are operating
- ACB-3 closed

- 1) KHU 1X switchgear is being powered from __ (1) __.
- 2) Keowee control power will be available for a MINIMUM of approximately __ (2) __ hour(s) following a loss of ALL AC power.

Which ONE of the following completes the statements above?

- A. 1. 1TC
 2. one
 - B. 1. 1TC
 2. four
 - C. 1. the 230 KV switchyard
 2. one
 - D. 1. the 230 KV switchyard
 2. four
-

Oconee Nuclear Station

ILT44 ONS SRO NRC Examination

Question: 75
(1 point)

Given the following plant conditions:

- 3CA Battery Charger fails - output voltage = 0 VDC
- 3CA Battery voltage = 120 VDC
- 3DCB Bus voltage = 123 VDC
- Unit 1 DCA/DCB Bus voltage = 125 VDC
- Unit 2 DCA/DCB Bus voltage = 127 VDC

Which ONE of the following will automatically supply power to 3DIA panelboard?

- A. 3CA Battery
 - B. Unit 1 DC Bus
 - C. 3DCB Bus
 - D. Unit 2 DC Bus
-

Oconee Nuclear Station

ILT44 ONS SRO NRC Examination

Question: 76
(1 point)

Given the following Unit 1 conditions:

Initial conditions:

- Reactor power = 100%
- Quench Tank temperature, level, and pressure are slowly increasing
- 1RC-66 tailpipe temperature slowly increasing

Current conditions:

- 1RC-4 has been closed to verify the leak source

Which ONE of the following states:

- 1) if ALL equipment credited in the UFSAR to prevent the RCS from exceeding the Tech Spec Safety Limit on RCS pressure is still available?
- 2) the LOWER Quench Tank pressure that will result in blowing the Quench Tank rupture disc?

- A.
 1. No
 2. 45 psig
 - B.
 1. No
 2. 55 psig
 - C.
 1. Yes
 2. 45 psig
 - D.
 1. Yes
 2. 55 psig
-

Oconee Nuclear Station

ILT44 ONS SRO NRC Examination

Question: 77

(1 point)

Given the following Unit 1 conditions:

Time = 1200

- RCS temperature = 274°F stable
- 1/0 Pump Ops in progress
- 1A1 RCP operating
- 1A2 RCP NOT available
- 1B1 RCP available
- 1B2 RCP NOT available
- LPSW to the 1A1 RCP ONLY is lost

Time = 1202

- 1A1 RCP secured

- 1) In accordance with AP/16, the 1A1 RCP must be tripped as soon as its stator temperature reaches (1) degrees F.
- 2) At Time = 1205, Tech Spec 3.4.5 (RCS Loops - MODE 3) Condition(s) (2) apply.

Which ONE of the following completes the statements above?

REFERENCE PROVIDED

- A.
 1. 260
 2. A
 - B.
 1. 260
 2. A and C
 - C.
 1. 295
 2. A
 - D.
 1. 295
 2. A and C
-

Oconee Nuclear Station

ILT44 ONS SRO NRC Examination

Question: 78
(1 point)

Given the following Unit 1 conditions:

- Reactor in MODE 5
- LPI aligned to normal DHR mode
- Low Range Cooldown Pressure = 5 psig

Which ONE of the following:

- 1) are the MINIMUM conditions that would indicate a TOTAL loss of LPI flow?
- 2) actions are taken to control RCS pressure in accordance with AP/26 (Loss of Decay Heat Removal) once a total loss of LPI flow has occurred?

NOTE: 1SA-3/C8 = LP Injection Loop A Flow High/Low
1SA-3/C9 = LP Injection Loop B Flow High/Low

- A.
 1. 1SA-3/C8 ONLY with Train A LPI flow = 0 gpm
 2. Initiate Enclosure 5.18 (SSF Operation For Loss of DHR Events)
 - B.
 1. 1SA-3/C8 ONLY with Train A LPI flow = 0 gpm
 2. Cycle 1RC-66
 - C.
 1. 1SA-3/C8 AND 1SA-3/C9 actuated with Train A AND Train B LPI flow = 0 gpm
 2. Initiate Enclosure 5.18 (SSF Operation For Loss of DHR Events)
 - D.
 1. 1SA-3/C8 AND 1SA-3/C9 actuated with Train A AND Train B LPI flow = 0 gpm
 2. Cycle 1RC-66
-

Oconee Nuclear Station

ILT44 ONS SRO NRC Examination

Question: 79
(1 point)

Given the following Unit 1 conditions:

Initial conditions:

- Reactor power = 100%
- BOTH channels of AMSAC disabled

Current conditions:

- Both Main Feedwater Pumps Tripped
- Reactor power = 60% and slowly decreasing

- 1) 1A MDEFWP, 1B MDEFWP AND the TDEFWP __ (1) __ automatically start.
- 2) In accordance with B&W analysis, a MINIMUM of __ (2) __ gallons per minute of Emergency Feedwater flow is required to limit the RCS pressure increase to below the design standard for this event.

Which ONE of the following completes the statements above?

- A.
 1. will
 2. 750
 - B.
 1. will NOT
 2. 750
 - C.
 1. will
 2. 375
 - D.
 1. will NOT
 2. 375
-

Oconee Nuclear Station

ILT44 ONS SRO NRC Examination

Question: 80
(1 point)

Given the following Unit 1 conditions:

Time = 1200:

- Reactor power = 100%
- 1SA6/B2 INVERTER 1DID SYSTEM TROUBLE actuated

Time = 1205

- NEO reports:
 - 1SA13/A8 INVERTER 1DID INPUT VOLTAGE LOW actuated
 - Inverter 1DID output voltage low

- 1) The status of 1KVID at Time = 1205 is __(1)__.
- 2) The MINIMUM action(s) required to restore the 1DID inverter to OPERABLE in accordance with Tech Spec 3.8.6 (Vital Inverters-Operating) is/are to restore DC input voltage __(2)__.

Which ONE of the following completes the statements above?

- A.
 1. NOT energized
 2. ONLY
 - B.
 1. NOT energized
 2. AND re-connect to 1KVID
 - C.
 1. Energized
 2. ONLY
 - D.
 1. Energized
 2. AND re-connect to 1KVID
-

Oconee Nuclear Station

ILT44 ONS SRO NRC Examination

Question: 81
(1 point)

Given the following Unit 1 conditions:

Time = 1200

- Reactor power = 100%
- 1RIA-60 = 35 gpm stable

Time = 1215

- Main Turbine manually tripped due to high bearing vibration

Time = 1245

- Steam Line Break in 1A Steam Generator

1) The __ (1) __ tab will be used to stabilize the plant following the reactor trip.

2) The __ (2) __ tab will direct the unit cooldown to LPI.

Which ONE of the following completes the statements above?

- A. 1. Subsequent Actions
 2. SGTR

 - B. 1. SGTR
 2. SGTR

 - C. 1. Subsequent Actions
 2. Forced Cooldown

 - D. 1. SGTR
 2. Forced Cooldown
-

Oconee Nuclear Station

ILT44 ONS SRO NRC Examination

Question: 82
(1 point)

Given the following Unit 1 conditions:

Time = 1200

- Reactor Power = 100%
- Control Rod Group 5 Rod 4 ONLY has partially inserted and indicates 90% withdrawn

Time = 1330

- Reactor Power = 55% stable

Time = 1400

- Control Rod Group 3 Rod 1 has dropped and indicates 0% withdrawn

At Time = 1330 Control Rod Group 5 Rod 4 is considered __ (1) __ in accordance with Tech Spec 3.1.4 (Control rod Group Alignment Limits),.

At Time = 1400 the CRS will direct the RO's to __ (2) __.

Which ONE of the following completes the statements above?

- A. 1. misaligned ONLY
 2. notify SPOC to reduce RPS trip setpoints

 - B. 1. misaligned ONLY
 2. trip the Reactor

 - C. 1. Inoperable
 2. notify SPOC to reduce RPS trip setpoints

 - D. 1. Inoperable
 2. trip the Reactor
-

Oconee Nuclear Station

ILT44 ONS SRO NRC Examination

Question: 83
(1 point)

Given the following Unit 1 conditions:

Initial conditions

- Reactor Power = 100%
- A Fire has been identified in the Reactor Building
- AP/43 (Fire Brigade Response Procedure) is in progress
- AP/50 (Challenging Plant Fire) has been initiated

Current conditions:

- Reactor in MODE 3
- Steam Generator level indications in the control room are erratic and suspected to be inaccurate due to the fire

Which ONE of the following:

- 1) states the definition of a “Challenging Fire” in accordance with AP/43?
 - 2) should be used to validate the Steam Generator level indication in accordance with AP/50?
- A.
1. A fire that is burning cables (bundles/ trays which have the potential to affect additional equipment)
 2. SSF Steam Generator level
- B.
1. A fire that is burning cables (bundles/ trays which have the potential to affect additional equipment)
 2. Aux Shutdown Panel Steam Generator level
- C.
1. A fire in the plant that is NOT extinguished within 15 minutes of Control Room notification
 2. SSF Steam Generator level
- D.
1. A fire in the plant that is NOT extinguished within 15 minutes of Control Room notification
 2. Aux Shutdown Panel Steam Generator level
-

Oconee Nuclear Station

ILT44 ONS SRO NRC Examination

Question: 84
(1 point)

Given the following Unit 1 conditions:

Initial Conditions:

- Reactor Power = 50% stable
- Toxic gas is entering the Control room

Current Conditions:

- The Reactor has been manually tripped
- KHU's have been Emergency Started
- 1HP-24 has been opened

Which ONE of the following describes the:

- 1) initial actions directed to control Pressurizer level in accordance with AP/8?
- 2) Pressurizer level instrumentation available at the alternate location INITIALLY used in accordance with AP/8 (Loss of Control Room)?

- A.
 1. At ASDP, take control of the 1B HPI pump and 1HP-120 to control level
 2. Temperature compensated Pzr level
 - B.
 1. At SSF, start the SSF-RCMUP and adjust RC makeup and letdown to control level
 2. Temperature compensated Pzr level
 - C.
 1. At ASDP, take control of the 1B HPI pump and 1HP-120 to control level
 2. Uncompensated Pzr level
 - D.
 1. At SSF, start the SSF-RCMUP and adjust RC makeup and letdown to control level
 2. Uncompensated Pzr level
-

Oconee Nuclear Station

ILT44 ONS SRO NRC Examination

Question: 85
(1 point)

Given the following Unit 1 conditions:

Initial conditions:

- Time = 1200
- Reactor power = 80% stable
- 1B2 RCP breaker fails causing the 1B2 RCP to trip

Current conditions:

- Time = 1300
- Control Rod #2 in Group 4 drops into core

Which ONE of the following states the:

- 1) abnormal procedure entered at Time = 1200?
 - 2) procedure that will be used to reach the final power level required by the dropped rod?
- A. 1. AP/1 (Unit Runback)
 2. AP/1 (Unit Runback)
- B. 1. AP/1 (Unit Runback)
 2. OP/1/A/1102/004 (Operation at Power)
- C. 1. AP/16 (Abnormal RCP Operations)
 2. AP/1 (Unit Runback)
- D. 1. AP/16 (Abnormal RCP Operations)
 2. OP/1/A/1102/004 (Operation at Power)
-

Oconee Nuclear Station

ILT44 ONS SRO NRC Examination

Question: 86
(1 point)

Given the following Unit 1 conditions:

Time = 1200:

- Reactor Power = 100%
- 1A HPI Pump operating
- 1B HPI Pump in AUTO

Time = 1202:

- A seal supply filter problem results in total Reactor Coolant Pump seal injection flow decreasing to 25 gpm

- 1) At time 1202 the 1B HPI pump is __ (1) __.
- 2) The low seal injection flow Auto Start of the 1B HPI pump __ (2) __ required to be operable for the 1B HPI pump to be Operable in accordance with Tech Spec 3.5.2 (HPI).

Which ONE of the following completes the statements above?

Assume NO operator actions

- A.
 1. running
 2. is
 - B.
 1. running
 2. is NOT
 - C.
 1. NOT running
 2. is
 - D.
 1. NOT running
 2. is NOT
-

Oconee Nuclear Station

ILT44 ONS SRO NRC Examination

Question: 87
(1 point)

Given the following Unit 1 conditions:

Time = 1215

- Unit shutdown in progress
- 1A1 RCP in operation
- Tcold = 220°F slowly decreasing
- RCS Pressure 325 psig slowly decreasing
- LPI Cooler outlet temperature = 110°F stable

Time = 1230

- Tcold = 200°F slowly decreasing
- RCS Pressure 275 psig slowly stable
- LPI Cooler outlet temperature = 110°F stable
- 1A LPI Pump is started

Time = 1240

- Tcold = 197°F stable
- 1A1 RCP secured

Time = 1245

- LPI Cooler outlet temperature = 180°F stable

- 1) The RCS cooldown rate (1) violate the maximum cooldown rate allowed per Tech Specs?
- 2) When the 1A LPI pump is started at Time = 1230, the temperature transient that results from the difference in LPI Cooler Outlet temperature and Tcold (2) outside the bounds of the Reactor Vessel stress analysis?

Which ONE of the following completes the statements above?

- A. 1. does
 2. is
 - B. 1. does
 2. is NOT
 - C. 1. does NOT
 2. is
 - D. 1. does NOT
 2. is NOT
-

Oconee Nuclear Station

ILT44 ONS SRO NRC Examination

Question: 88
(1 point)

Given the following Unit 1 conditions:

Initial Conditions

- Reactor power = 100%
- BOTH Main FDW pumps trip

Current Conditions

- Reactor power = 28% decreasing
- RULE 1 (ATWS/UNPP) is complete
- 1RC-66 is failed open
- Pressurizer level = 400" stable

- 1) The UNPP tab __ (1) __ direct closing 1RC-4.
- 2) The HIGHEST RCS pressure that will allow a retransfer to Subsequent Actions is less than __ (2) __ psig.

Which ONE of the following completes the statements above?

- A. 1. will
2. 2450
 - B. 1. will NOT
2. 2450
 - C. 1. will
2. 2300
 - D. 1. will NOT
2. 2300
-

Oconee Nuclear Station

ILT44 ONS SRO NRC Examination

Question: 89
(1 point)

Unit 1 initial conditions:

- RCS temperature = 310°F stable
- 1A2 and 1B2 RCPs operating
- Unit Auxiliaries powered from CT-1

Current conditions:

- RC Makeup Flow = 150 gpm
- PCB-17 AND PCB-18 trip OPEN

Which ONE of the following describes the:

- 1) status of Reactor Coolant Pumps
 - 2) MAXIMUM cooldown rate allowed in accordance with the EOP once cooldown to LPI has commenced?
- A. 1. Off
 2. 50°F per hour
- B. 1. Off
 2. 50°F per 1/2 hour
- C. 1. On
 2. 50°F per hour
- D. 1. On
 2. 50°F per 1/2 hour
-

Oconee Nuclear Station

ILT44 ONS SRO NRC Examination

Question: 90
(1 point)

Given the following Unit 1 conditions:

Time = 1200

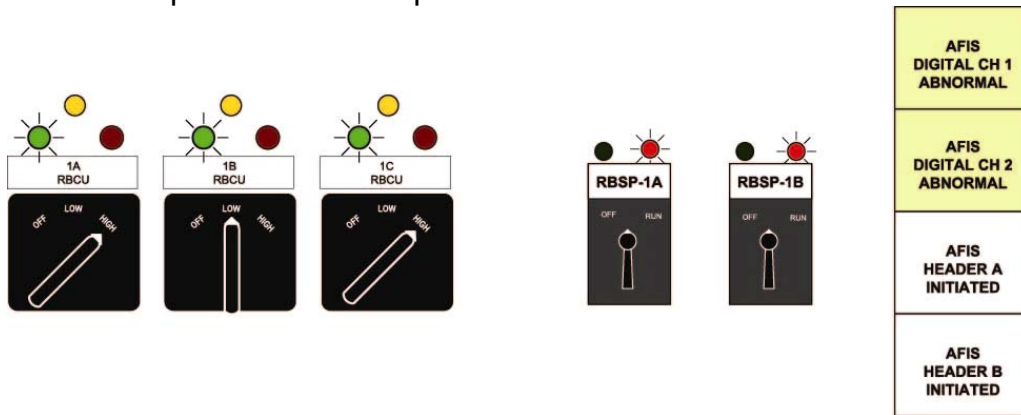
- Reactor power = 100%
- BOTH AFIS channels in OFF

Time = 1205

- Large MSLB inside the RB occurs
- ES Channels 1-8 have actuated

Time = 1207

- Component status as pictured below



- 1) Reactor Building Cooling Units (1) operating as designed.
- 2) Systems and/or equipment required to ensure Reactor Building Pressure is maintained below the design pressure of the Reactor Building (2) available.

Which ONE of the following completes the statements above?

ASSUME NO OPERATOR ACTIONS

- A. 1. are
 2. is
- B. 1. are NOT
 2. is
- C. 1. are
 2. is NOT
- D. 1. are NOT
 2. is NOT

Oconee Nuclear Station

ILT44 ONS SRO NRC Examination

Question: 91
(1 point)

Given the following Unit 3 plant conditions:

Time = 1200

- Reactor in MODE 1
- RBNS level 20 inches increasing
- LPSW leak into RB
- Begin pumping RBNS using 1A and 1B RBNS Pumps

Time = 1205

- RBNS level as indicated below



Time = 1230

- RBNS level indication unchanged from Time = 1205

Which ONE of the following states:

- 1) if Condition A of Tech Spec 3.4.15 must be entered?
- 2) which RIA can be used to satisfy the requirements of TS 3.4.15 LCO?

REFERENCE PROVIDED

- A.
 1. Yes
 2. 1RIA-47
- B.
 1. Yes
 2. 1RIA-49
- C.
 1. No
 2. 1RIA-47
- D.
 1. No
 2. 1RIA-49

Oconee Nuclear Station

ILT44 ONS SRO NRC Examination

Question: 92
(1 point)

Given the following Unit 1 conditions:

Time = 1200

- Reactor power = 100%
- Relative Position Indication (RPI) inoperable for ALL Control Rods

Time = 1230

- Absolute Position Indication (API) inoperable for Group 1 Rod 7 Control Rod

Current Conditions:

- Tech Spec 3.1.4 Required Action A.2.1.1 (SDM Verification) has just been completed and shutdown margin requirements of the COLR have been determined to be NOT met

Which ONE of the following:

- 1) is the LATEST time that Group 1 Rod 7 Control Rod must be declared inoperable in accordance with Tech Specs?
- 2) should be used to restore shutdown margin requirements in accordance with Tech Spec bases?

REFERENCE ATTACHED

- A. 1. 1230
 2. OP/1/A/1103/004A Enclosure 4.1 (RCS Boration from CBAST With CBAST Pump) ONLY
- B. 1. 1230
 2. OP/1/A/1103/004A Enclosure 4.1 (RCS Boration from CBAST With CBAST Pump) OR OP/1/A/1103/004 Enclosure 4.4 (RCS Makeup From 1A BHUT
- C. 1. 1330
 2. OP/1/A/1103/004A Enclosure 4.1 (RCS Boration from CBAST With CBAST Pump) ONLY
- D. 1. 1330
 2. OP/1/A/1103/004A Enclosure 4.1 (RCS Boration from CBAST With CBAST Pump) OR OP/1/A/1103/004 Enclosure 4.4 (RCS Makeup From 1A BHUT
-

Oconee Nuclear Station

ILT44 ONS SRO NRC Examination

Question: 93
(1 point)

Given the following Unit 1 conditions:

Time = 0900

- Reactor trip due a sheared RCP shaft on 1A1 RCP
- Control Room has indications that the 1A1 RCP seals have failed.

Time = 0904

- ES 1 & 2 actuate on low RCS Pressure.
- The 1A HPI pump fails to Auto start and cannot be started manually.

Time = 0910

- RCS saturated and stable at 1000 psig. Rule 2 is complete

Time = 0919

- 1RIA-57 reads 350 R/HR and stable.
- RB Pressure = 2.6 psig slowly increasing

Time = 0920

- RB Pressure = 0.2 psig decreasing

Which ONE of the following states the:

- 1) position of 1HP-410?
- 2) Emergency Classification in accordance with RP/0/A/1000/001 (Emergency Classification)?

REFERENCE PROVIDED

DO NOT USE EMERGENCY COORDINATOR JUDGEMENT WHEN DETERMINING CLASSIFICATION

- A.
 1. Open
 2. General Emergency
 - B.
 1. Open
 2. Site Area Emergency
 - C.
 1. Closed
 2. General Emergency
 - D.
 1. Closed
 2. Site Area Emergency
-

Oconee Nuclear Station

ILT44 ONS SRO NRC Examination

Question: 94
(1 point)

In accordance with AD-OP-ALL-1000 (Conduct of Operations),

- 1) The CRS __ (1) __ allowed to correct archived log entries when the original watchstander will not be available in the near future.
- 2) the MINIMUM level of management with overall responsibility for the approval of the quality of Unit Log entries is the __ (2) __.

Which ONE of the following completes the statements above

- A.
 1. is
 2. SM
 - B.
 1. is
 2. CRS
 - C.
 1. is NOT
 2. SM
 - D.
 1. is NOT
 2. CRS
-

Oconee Nuclear Station

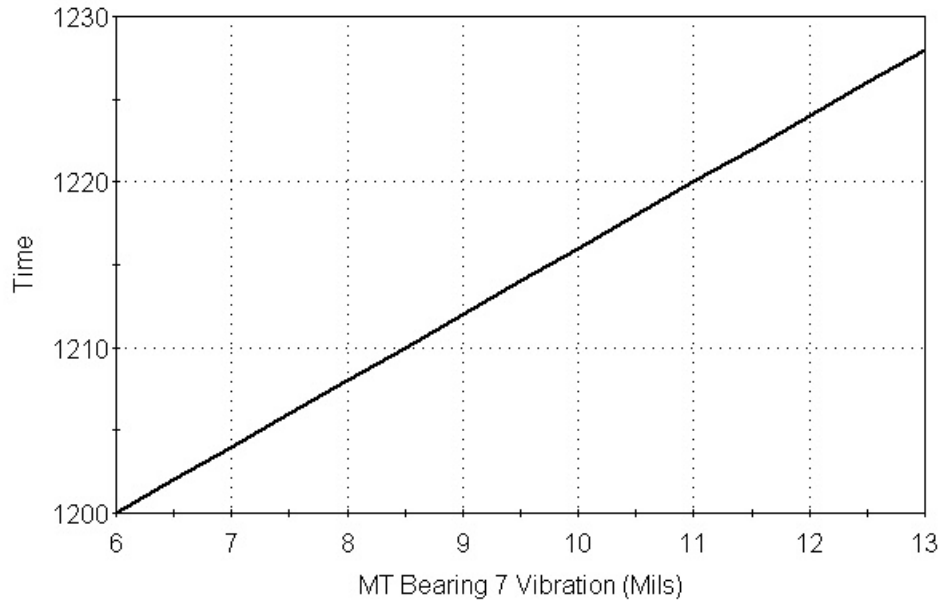
ILT44 ONS SRO NRC Examination

Question: 95
(1 point)

Given the following Unit 1 conditions:

- Reactor power = 100%
- Main T/G Journal Bearing #7 vibration as described below:

MT Bearing #7 Vibration vs Time



Which ONE of the following describes:

- 1) The EARLIEST time that the Main Turbine must be manually tripped in accordance with Limits and Precautions of OP/1/A/1106/001 (Turbine Generator)?
- 2) The procedure that would be used to take the Main Turbine off line without tripping the Reactor?

- A. 1. 1216
2. AP/29 (Rapid Unit Shutdown)
- B. 1. 1216
2. OP/1/A/1106/001 (Turbine Generator)
- C. 1. 1224
2. AP/29 (Rapid Unit Shutdown)
- D. 1. 1224
2. OP/1/A/1106/001 (Turbine Generator)

Oconee Nuclear Station

ILT44 ONS SRO NRC Examination

Question: 96
(1 point)

Given the following Unit 2 conditions:

- Reactor in MODE 5
- Maintenance is required on 2FDW-105 (2A SG SAMPLE)
- Multiple electrical valve manipulations of 2FDW-105 are required as part of the repairs
- A check valve needs to be used as one of the isolation boundary valves

Which ONE of the following describes the requirements in accordance with NSD 500 (Red Tags/Configuration Control Tags) for:

1) the lowest level of Operations Management approval required for the tagout?

2) who must approve the use of wax string to attach a Red Tag to its associated component?

- A.
 1. ANY Licensed SRO
 2. Shift Manager
 - B.
 1. Any Operations Manager
 2. Shift Manager
 - C.
 1. ANY Licensed SRO
 2. Operational Control Group supervisor
 - D.
 1. Any Operations Manager
 2. Operational Control Group supervisor
-

Oconee Nuclear Station

ILT44 ONS SRO NRC Examination

Question: 97
(1 point)

Given the following Unit 1 conditions:

- Reactor = Mode 3
- “B” shift is performing a plant startup following a refueling outage in progress
- PT/0/A/0711/001 (Zero Power Physics Testing) is to be performed

Which ONE of the following is the LOWEST level of management that meets the expectations provided in NSD 213 (Risk Management Process) regarding who can provide the 91-01 IPTE briefing associated with ZPPT?

- A. “B” shift Shift Technical Advisor
 - B. Reactor Engineering Supervisor
 - C. “B” shift Shift Manager (Operations Shift Manager)
 - D. Operations Manager (Superintendent of Operations)
-

Oconee Nuclear Station

ILT44 ONS SRO NRC Examination

Question: 98
(1 point)

Given the following Unit 1 conditions:

Initial conditions:

- Mode 6
- Defueling in progress
- 1RIA-3 (Fuel Transfer Canal Monitor) = 4 mr/hr stable
- Main Fuel Bridge Area Monitor = 6 mr/hr stable

Current conditions:

- 1RIA-3 local reading = 0 mr/hr
- 1RIA-3 View Node indication is magenta

The Refueling SRO will determine that Fuel Handling activities in the Reactor Building may _____ in accordance with OP/1/A/1502/007 (Operations Defueling/Refueling Responsibilities)?

Which ONE of the following completes the statement above?

- A. NOT continue until a portable area monitor with local alarm capability is in place.
 - B. continue because only the Main Fuel Bridge Area Monitor is required.
 - C. NOT continue until continuous RP coverage is present on the Main Fuel Bridge.
 - D. continue provided the audible alarm associated with 1RIA-49 (RB Normal Gas) is operable.
-

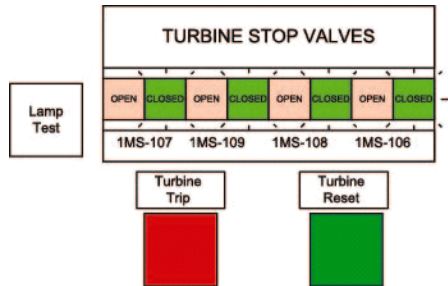
Oconee Nuclear Station

ILT44 ONS SRO NRC Examination

Question: 99
(1 point)

Given the following Unit 1 conditions:

- Reactor trip has occurred
- Main Turbine status as indicated below



- SRO directs performance of Immediate Manual Actions

- 1) The Reactor Operator performing IMA's __ (1) __ expected to depress the "Turbine Trip" pushbutton.
- 2) IF the Main Turbine is not tripped during performance of IMA's, the basis behind requiring the EHC pumps being secured is to prevent __ (2) __.

Which ONE of the following completes the statements above?

- A.
 1. is
 2. water from reaching the Main Turbine during a SG overfeed
 - B.
 1. is
 2. excessive RCS cooldown
 - C.
 1. is NOT
 2. water from reaching the Main Turbine during a SG overfeed
 - D.
 1. is NOT
 2. excessive RCS cooldown
-

Oconee Nuclear Station

ILT44 ONS SRO NRC Examination

Question: 100

(1 point)

Given the following Unit 1 conditions:

- Reactor Power = 100%
- Operating CC pump trips and standby fails to Auto start
- CC Surge tank level = 28" stable
- Letdown Temperature = 138°F increasing
- The following alarms have actuated and associated actions are being performed:
 - 1SA-9/B-1 (CC CRD Return Flow Low).
 - 1SA-2/C-1 (HP Letdown Temperature High)
 - 1SA-9/C-1 (CC Component Cooling Return Flow Low)

Which ONE of the following states:

- 1) The SETPOINT (degrees F) at which 1SA-2/C1 actuated?
- 2) The Procedure that will be entered FIRST if actions directed in the associated Alarm Response guides fail to restore normal system parameters?

- A.
 1. 130
 2. AP/20 (Loss of Component Cooling)
 - B.
 1. 130
 2. AP/32 (Loss of Letdown)
 - C.
 1. 135
 2. AP/20 (Loss of Component Cooling)
 - D.
 1. 135
 2. AP/32 (Loss of Letdown)
-

Examination KEY for: ILT44 ONS SRO NRC Examin

<i>Question Number</i>	<i>Answer</i>
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1	B
2	B
3	C
4	C
5	B
6	A
7	D
8	B
9	A
10	A
11	A
12	C
13	D
14	C
15	B
16	C
17	D
18	D
19	B
20	C
21	D
22	A
23	B
24	B
25	D

Examination KEY for: ILT44 ONS SRO NRC Examin

<i>Question Number</i>	<i>Answer</i>
26	A
27	C
28	A
29	C
30	D
31	D
32	D
33	C
34	A
35	A
36	C
37	B
38	C
39	C
40	A
41	B
42	A
43	C
44	A
45	D
46	A
47	C
48	C
49	D
50	D

Examination KEY for: ILT44 ONS SRO NRC Examin

<i>Question Number</i>	<i>Answer</i>
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51	B
52	B
53	D
54	D
55	B
56	C
57	C
58	A
59	B
60	D
61	C
62	A
63	A
64	B
65	B
66	B
67	B
68	B
69	D
70	A
71	B
72	D
73	A
74	A
75	B

Examination KEY for: ILT44 ONS SRO NRC Examin

<i>Question Number</i>	<i>Answer</i>
76	D
77	C
78	D
79	A
80	B
81	B
82	D
83	A
84	A
85	A
86	D
87	B
88	D
89	A
90	C
91	A
92	A
93	C
94	B
95	C
96	B
97	D
98	A
99	B
100	A