Oconee Nuclear Station

ILT 16-2 ONS SRO NRC Examination

Question: 1
(1 point)

Given the following Unit 1 conditions:

- Reactor power = 100%
- RCS pressure = 2200 psig lowering
- 1RC-66 (PORV) indicates partially open
- 1RC-4 will NOT close from the control room

1) The CRS will enter __(1)__, which contains direction to open a breaker to fail 1RC-66 closed.

2) The supply breaker for 1RC-66 __(2)__ located on 1DIB.

Which ONE of the following completes the statement above?

A. 1. AP/02 (Excessive RCS Leakage)
   2. is

B. 1. AP/44 (Abnormal Pressurizer Pressure Control)
   2. is

C. 1. AP/02 (Excessive RCS Leakage)
   2. is NOT

D. 1. AP/44 (Abnormal Pressurizer Pressure Control)
   2. is NOT

Question: 2
(1 point)

Given the following Unit 1 conditions:

Time = 0800:

- SCM = 0°F
- A Small Break LOCA is in progress
- EOP Immediate Manual Actions are complete
- EOP Enclosure 5.1 (ES Actuation) is in progress

Time = 0804:

- SCM = 0°F
- ALL RCPs are operating
- EOP Rule 2 (Loss of SCM) is initiated
- ES Channel 1 failed to go to manual
- The ES ODD Voter is in OVERRIDE
- ES Channel 3 was manually initiated
- RCS WR Pressure is 500 psig stable

1) At Time = 0804, RCPs will be __(1)__ by the operator in accordance with EOP Rule 2.

2) Prior to stopping the 1A LPI pump, ES Channel 3 __(2)__ required to be RESET.

Which ONE of the following completes the statements above?

A. 1. stopped
   2. is

B. 1. left running
   2. is

C. 1. stopped
   2. is NOT

D. 1. left running
   2. is NOT

Question: 3
(1 point)

Given the following Unit 1 conditions:

Time = 0435:

- Reactor power = 100%

Time = 0440:

- RCS pressure = 1120 psig stable
- Reactor Building pressure peaked at 4.6 psig and is now 2.8 psig slowly lowering
- EOP Enclosure 5.1 (ES Actuation) initiated

Time = 0514:

- RCS pressure = 1100 psig lowering

Time = 0515:

- RCS pressure = 178 psig lowering
- Reactor Building pressure = 8.8 psig rising
- EOP Enclosure 5.1 complete with outstanding IAATs

At Time = 0515, 1A and 1B LPI pumps are _____.

Which ONE of the following completes the statement above?

A. off and must be restarted

B. operating from the initial ES actuation

C. operating after automatically starting when RCS pressure lowered to the ES setpoint of 500 psig

D. operating after automatically starting when RCS pressure lowered to the ES setpoint of 550 psig

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Question: 4
(1 point)

Given the following Unit 1 conditions:

Time = 0600:

- Core Thermal Power = 100%
- A Station Blackout occurs
- AP/0/A/1700/025 (Standby Shutdown Facility Emergency Operating Procedure) has been initiated

Time = 0610:

- 1XSF is being powered from OXSF

1) In accordance with station Time Critical Actions, the latest time that SSF RCMU flow can be established to Unit 1 RCP seals without potentially damaging/degrading the seals is __(1)__.

2) At time = 0610, 1HP-20 (RCP Seal Return) __(2)__ be operated from Unit 1 Control Room.

Which ONE of the following completes the statements above?

A. 1. 0620
   2. can

B. 1. 0614
   2. can

C. 1. 0620
   2. can NOT

D. 1. 0614
   2. can NOT

Question: 5
(1 point)

Given the following Unit 1 conditions:

Initial conditions:

- Reactor power = 100%
- 1HP-31 (RCP Seal Flow Control) failed CLOSED
- AP/14 (Loss of Normal HPI Makeup and/or RCP Seal Injection) initiated

Current conditions:

- 1HP-31 has been repaired
- Seal injection flow is being re-established to the RCP seals

1) RCP seal injection flow is re-established slowly to prevent __(1)__.

2) In accordance with AP/14, the individual RCP Seal Injection throttle valves are throttled opened to re-establish __(2)__ gpm per RCP.

Which ONE of the following completes the statements above?

A. 1. thermal shock and possible damage to the RCP seals
   2. 8

B. 1. thermal shock and possible damage to the RCP seals
   2. 10

C. 1. water hammer and possible damage to the RCP thermal barrier
   2. 8

D. 1. water hammer and possible damage to the RCP thermal barrier
   2. 10

Question: 6
(1 point)

Given the following Unit 2 conditions:

- RCS cooldown in progress
- LPI aligned in the Series Mode

1) The reason Series Mode was developed for Unit 2 was to provide __(1)__.

2) A loss of the __(2)__ LPI Pumps would result in a total loss of Decay Heat Removal.

Which ONE of the following completes the statements above?

A. 1. a backup to the Switchover mode of LPI
   2. 2B and 2C

B. 1. additional cooling capacity during 2/0 pump ops
   2. 2B and 2C

C. 1. a backup to the Switchover mode of LPI
   2. 2A and 2C

D. 1. additional cooling capacity during 2/0 pump ops
   2. 2A and 2C

Question: 7
(1 point)

Given the following Unit 1 conditions:

Time=0800:

- Reactor is tripped
- The SGTR tab is in progress due to a 120 gpm primary to secondary leak

Time=0830:

- SGTR tab directs lowering SCM
- 1RC-1 (Pzr Spray) has failed closed
- Auxiliary Spray is being considered to reduce Core SCM

In accordance with the SGTR tab….

1) BWST temperature __(1)__ be used when determining if Auxiliary Spray is allowed.

2) The concern associated with using a low temperature suction source for Auxiliary Spray is thermal shock of the __(2)__.

Which ONE of the following completes the statements above?

A. 1. will NOT
   2. Pzr Spray Nozzle

B. 1. will NOT
   2. HPI Injection Nozzle

C. 1. will
   2. Pzr Spray Nozzle

D. 1. will
   2. HPI Injection Nozzle

Question: 8
(1 point)

Given the following Unit 3 conditions:

Initial conditions:

- Reactor power = 100%
- Effective Full Power Days (EFPD) = 5
- Feedwater and Diamond in MANUAL

Current conditions:

- BOTH Main Feedwater pumps trip
- Reactor power = 35% lowering
- RCS pressure rises to 2425 psig
- Rule 1 (ATWS/Unanticipated Nuclear Power Production) in progress

1) Reactivity added by the Moderator Temperature Coefficient is __(1)__.

2) 3RC-66 (PORV) is __(2)__.

Which ONE of the following completes the statements above?

A. 1. positive
   2. open

B. 1. positive
   2. closed

C. 1. negative
   2. open

D. 1. negative
   2. closed

Question: 9
(1 point)

Given the following Unit 1 conditions:

Time = 0400:

- Reactor power = 100%
- TDEFDW pump is OOS

Time = 0401:

- Both Main FDW pumps trip
- 1FDW-316 fails closed

Time = 0404:

- 1B EFDW flow is aligned through the Startup FDW Header
- 1A SG level = 28 inches Extended Startup Range (XSUR) rising
- 1B SG level = 28 inches Startup Range (SUR) rising

1) At Time = 0404, __(1)__ SG has indications of a tube leak.

2) At Time = 0404, and in accordance with Rule 7 (SG Feed Control), the MAXIMUM EFDW flow rate allowed by each EFDW pump is __(2)__ gpm.

Which ONE of the following completes the statements above?

A. 1. 1A
   2. 600

B. 1. 1A
   2. 440

C. 1. 1B
   2. 600

D. 1. 1B
   2. 440

Question: 10
(1 point)

Given the following Unit 1 conditions:

Time = 1000:

- Reactor trips
- RB pressure = 2.6 psig
- RCS pressure = 2010 psig
- Tcold = 556°F

Time = 1001:

- RB pressure = 9.2 psig
- RCS pressure = 1361 psig
- Tcold = 521°F

1) The event causing the indications above is a __(1)__.

2) At Time = 1001, degraded containment conditions __(2)__ exist.

Which ONE of the following completes the statements above?

A. 1. LOCA
   2. do

B. 1. LOCA
   2. do NOT

C. 1. Steam line break
   2. do

D. 1. Steam line break
   2. do NOT

Question: 11
(1 point)

Given the following Unit 1 conditions:

Time = 0800:

- Reactor power = 100%
- 1A & 1B FDW Masters in HAND
- OAC computer point readings
  - FDW Flow A = 4.8 MPPH lowering
  - FDW Flow B = 5.8 MPPH rising
  - Generator output = 890 MWe stable
- RB pressure = 1.1 psig slowly rising

Time = 0801:

- Reactor trip

1) Plant conditions at Time = 0800 indicate a __(1)__ inside containment.

2) When the Reactor trip occurs, the FDW Masters will __(2)__.

Which ONE of the following completes the statements above?

A. 1. 1B Main Steam leak
   2. swap to AUTOMATIC

B. 1. 1B Main Steam leak
   2. remain in HAND

C. 1. 1B Main Feedwater line leak
   2. swap to AUTOMATIC

D. 1. 1B Main Feedwater line leak
   2. remain in HAND

Question: 12
(1 point)

Given the following plant conditions:

Initial conditions:

- All three units Reactor power = 100%

Current conditions:

- All Unit's 4160v Main Feeder Busses are de-energized
- Unit 1, 2, and 3 EOP Blackout tabs in progress

1) Unit 1's Essential Inverters KI, KX and KU are de-energized to extend the life of batteries __(1)__.

2) These batteries are credited to carry the continuous emergency load for a period of __(2)__.

Which ONE of the following completes the statements above?

A. 1. CA and CB
   2. 1 hour

B. 1. CA and CB
   2. 2 hours

C. 1. PA and PB
   2. 1 hour

D. 1. PA and PB
   2. 2 hours

Question: 13
(1 point)

Given the following Unit 1 conditions:

Initial conditions:

- Reactor power = 90% lowering
- Loss of off-site power occurs
- CT-1 Lockout occurs

Current conditions:

- SSF breaker swap is complete in accordance with AP/0/A/1700/025 (SSF EOP)
- 1RC-66 (PORV) leaking past the seat
- The CRS directs the OATC to close 1RC-4 in Unit 1 control room

1) When the OATC rotates the switch for 1RC-4 (PORV Block Valve) to CLOSE, the valve will __(1)__.

2) The SSF is designed to __(2)__.

Which ONE of the following completes the statements above?

A. 1. remain open
   2. achieve and maintain Mode 3

B. 1. remain open
   2. cooldown to LPI entry conditions

C. 1. close
   2. achieve and maintain Mode 3

D. 1. close
   2. cooldown to LPI entry conditions

Question: 14
(1 point)

Given the following Unit 1 conditions:

Initial conditions:

- A loss of <u>both</u> MFDW pumps occurs from 100% power
- Rule 3 (Loss of Main or Emergency FDW) is in progress
- 1FDW-315 and 1FDW-316 are maintaining SG levels at setpoint

Current conditions:

- 1KVIB is de-energized

Assuming no additional operator actions, which ONE of the following will be directed by the EOP?

A. Take manual control of 1FDW-316

B. Take manual control of 1FDW-315

C. Feed the 1A SG through 1FDW-35

D. Feed the 1B SG through 1FDW-44

Question: 15
(1 point)

Given the following Unit 2 conditions:

- Reactor power = 100%

Which ONE of the following would result in the Auxiliary Instrument Air system being required to maintain 2HP-5 OPEN assuming NO operator actions are taken?

A. Unit 2 blackout occurs

B. Primary IA compressor fails

C. 230KV Red Bus lockout occurs in the 230KV switchyard

D. 2 inch IA header rupture in Unit 2 East Penetration room

Question: 16
(1 point)

Given the following Unit 1 conditions:

- AP/1/A/1700/034 (Degraded Grid) in progress
- Generator output = 850 MWe and 450 MVARs lagging
- 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
   2. will

B. 1. is
   2. will NOT

C. 1. is NOT
   2. will

D. 1. is NOT
   2. will NOT

Question: 17
(1 point)

Given the following Unit 1 conditions:

Initial conditions:

- Small Break LOCA has occurred
- Rule 2 (Loss of SCM) in progress
- The MD EFDW pumps will be used to feed both SGs using Startup FDW Control Valves to the LOSCM Setpoint
- The following plant parameters exist:
  - SG pressure = 725 psig
  - RB temperature = 157°F
  - RB pressure = 2.6 psig

Current conditions:

- SG level = 275 inches XSUR

In accordance with Rule 7 (SG Feed Control)...

1) SG level __(1)__ in the correct SG level band.

2) EFDW flow __(2)__ be stopped completely prior to reaching the LOSCM setpoint level band.

Which ONE of the following completes the statements above?

REFERENCE PROVIDED

A. 1. is
   2. can

B. 1. is NOT
   2. can

C. 1. is
   2. can NOT

D. 1. is NOT
   2. can NOT

Question: 18
(1 point)

Given the following Unit 3 conditions:

- A loss of ALL sources of Steam Generator feed has occurred
- HPI Forced Cooling in progress
- RCS pressure = 2210 psig slowly lowering
- Pzr Level = 380 inches rising
- Core SCM = 56°F rising

In accordance with Rule 6 (HPI), HPI flow __(1)__ be throttled because __(2)__.

Which ONE of the following completes the statement above?

A. 1. may NOT
   2. RCS pressure is lowering

B. 1. may NOT
   2. CETCs are rising

C. 1. may
   2. CETCs are lowering

D. 1. may
   2. Pzr Level is rising

Question: 19
(1 point)

Given the following Unit 1 conditions:

Time = 0800:

- Reactor power = 70%
- Control Rod Group 7 Rod 3 drops into the core
- ICS runback actuates

Time = 0815:

- Reactor power = 55%
- Turbine Control valve 4 fails open

1) During the runback, the automatic runback rate __(1)__ be adjusted.

2) At Time = 0815, the control rods __(2)__ respond to an automatic “withdraw” signal to correct the Tave error.

Which ONE of the following completes the statements above?

A. 1. can
   2. will

B. 1. can
   2. will NOT

C. 1. can NOT
   2. will

D. 1. can NOT
   2. will NOT

Question: 20
(1 point)

Given the following Unit 1 conditions:

Initial conditions:

- Reactor power = 100%
- Control Rod Group 7 Position = 94%
- 1A Main FDW pump trips

Current conditions:

- Reactor power = 70%
- Control Rod Group 7 Position = 86%
    - o Group 7 Rod 3 = 94%
    - o Group 7 Rod 1 = 94%

1) If NO operator action is taken, the plant __(1)__ automatically run back to the Asymmetric Rod Load Limit setpoint.

2) In accordance with OMP 1-18 (Implementation Standard During Abnormal And Emergency Events), a manual Reactor trip __(2)__ required.

Which ONE of the following completes the statements above?

A. 1. will
   2. is

B. 1. will
   2. is NOT

C. 1. will NOT
   2. is

D. 1. will NOT
   2. is NOT

Question: 21
(1 point)

Given the following Unit 1 conditions:

Initial conditions:

- Reactor power = 100%
- 1RC-66 (PORV) fails open
- 1RC-4 (PORV Block Valve) will NOT close

Current conditions:

- LOCA CD tab is in progress
- RCS pressure = 1485 psig stable
- RCS temperature = 597°F
- RB pressure = 2.9 psig rising
- Pzr level = 180 inches rising

1) Indicated Pzr level rising __(1)__ due to bubble formation in the reactor vessel head.

2) In accordance with Rule 6 (HPI) __(2)__ be throttled.

Which ONE of the following completes the statements above?

A. 1. is
   2. can

B. 1. is
   2. can NOT

C. 1. is NOT
   2. can

D. 1. is NOT
   2. can NOT

Question: 22
(1 point)

Given the following Unit 2 conditions:

Initial conditions:

- Core reload is in progress
- All Source Range NIs are operable
- 2NI-1 and 2NI-3 are designated for refueling

Current conditions:

- 2NI-3 loses power

1) 2NI-3 is powered from __(1)__.

2) In accordance with OP/2/A/1502/007 (Operations Defueling/Refueling Responsibilities), core alterations __(2)__.

Which ONE of the following completes the statements above?

A. 1. 2KVIB
   2. can continue with ONLY ONE designated NI

B. 1. 2KVIB
   2. can NOT continue until 2 designated NIs are available

C. 1. 2KVIC
   2. can continue with ONLY ONE designated NI

D. 1. 2KVIC
   2. can NOT continue until 2 designated NIs are available

Question: 23
(1 point)

Given the following Unit 3 conditions:

Initial conditions:

- Reactor trips from 100%

Current conditions:

- Condenser vacuum = 6 inches Hg
- Main Steam pressure 1015 psig rising

1) Turbine Bypass Valves (TBVs) __(1)__ closed.

2) In accordance with the EOP, Main Steam pressure will be controlled using __(2)__.

Which ONE of the following completes the statements above?

A. 1. are
   2. Main Steam Relief Valves (MSRVs)

B. 1. are NOT
   2. Main Steam Relief Valves (MSRVs)

C. 1. are
   2. Atmospheric Dump Valves (ADVs)

D. 1. are NOT
   2. Atmospheric Dump Valves (ADVs)

Question: 24
(1 point)

Given the following Unit 1 conditions:

- Reactor in MODE 5
- 1RIA-4 (Reactor Building Hatch Monitor) in HIGH alarm

1) The 1RIA-4 local alarm __(1)__ actuated.

2) The Reactor Building evacuation alarm __(2)__ actuated.

Which ONE of the following completes the statements above?

A. 1. has
   2. has

B. 1. has
   2. has NOT

C. 1. has NOT
   2. has

D. 1. has NOT
   2. has NOT

Question: 25
(1 point)

Given the following Unit 3 conditions:

Time = 0800:

- There is an active fire in the cable room
- The fire brigade has been dispatched
- You are checking your Self-Contained Breathing Apparatus (SCBA) for use
    - o Cylinder pressure gage = 4500 psig
    - o Control module gage = 4405 psig

Time = 0830:

- You are currently combating the fire
- The cylinder pressure of your SCBA has lowered to 2000 psig

1) At Time = 0800, the SCBA that you have checked __(1)__ acceptable for use.

2) At Time = 0830, the LEDs that illuminate in the Heads Up Display (HUD) will be __(2)__.

Which ONE of the following completes the statements above?

A. 1. is
   2. orange

B. 1. is
   2. green

C. 1. is NOT
   2. orange

D. 1. is NOT
   2. green

Question: 26
(1 point)

Given the following Unit 2 conditions:

- Turbine Building Flood (TBF) tab initiated
- Main and Emergency Feedwater have been lost
- RCS pressure = 2225 psig slowly rising
- Pressurizer level = 345 inches slowly rising

1) In accordance with the TBF tab, RCS decay heat will be removed using __(1)__.

2) This heat removal method is chosen because __(2)__.

Which ONE of the following completes the statements above?

A. 1. SSF-ASW
   2. of anticipation of losing LPSW pumps

B. 1. SSF-ASW
   2. of anticipation of losing Condensate Booster Pumps

C. 1. HPI Forced Cooling
   2. “Raw” lake water will damage the SGs

D. 1. HPI Forced Cooling
   2. SSF-ASW suction source is CCW and ALL CCW pumps will be secured

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Question: 27
(1 point)

Given the following Unit 1 conditions:

- A LOCA has occurred
- The LOCA CD tab is in progress
- Core SCM = 0°F
- 1B HPI Header flow = 480 gpm

1) In accordance with Rule 6 (HPI), 1HP-27 (1B HP INJECTION) __(1)__ be throttled.

2) HPI X-OVER flow through 1HP-409 (1HP-27 Bypass) __(2)__ provide input to statalarm 1SA-02/E-3 (HP LOOP “B” INJECTION FLOW HIGH).

Which ONE of the following completes the statements above?

A. 1. must
   2. does

B. 1. must
   2. does NOT

C. 1. is NOT allowed to
   2. does

D. 1. is NOT allowed to
   2. does NOT

Question: 28
(1 point)

Given the following Unit 1 conditions:

Initial conditions:

- Reactor power = 65%
- 1LPSW-6 (UNIT 1 RCP COOLERS SUPPLY) fails closed

Current conditions:

- AP/1/A/1700/016 (Abnormal RCP Operation) in progress
- RCP Temperatures:

	1A1	**1A2**	**1B1**	**1B2**
Radial Bearing Temp	182ºF	227ºF	188ºF	185ºF
Seal Return Temp	169ºF	174ºF	227ºF	187ºF

Which ONE of the following is required per AP/16?

A. Manually trip the Reactor and stop RCP 1A2 ONLY

B. Manually trip the Reactor and stop RCP 1B1 ONLY

C. Stop RCP 1A2 ONLY and verify FDW re-ratios properly

D. Stop RCP 1B1 ONLY and verify FDW re-ratios properly

Question: 29
(1 point)

Given the following Unit 1 conditions:

- Reactor power = 100%
- 1B1 RCP upper seal completely fails

1) Seal <u>return</u> flow will __(1)__.

2) Differential pressure (ΔP) across the middle seal will be approximately __(2)__.

Which ONE of the following completes the statements above?

A. 1. rise
   2. 700 psid

B. 1. rise
   2. 1050 psid

C. 1. lower
   2. 700 psid

D. 1. lower
   2. 1050 psid

Question: 30
(1 point)

Given the following Unit 3 conditions:

Time = 0300:

- Reactor power = 100%
- Reactor trip
- CT-3 lockout occurs

Time = 0301:

- MFBs re-energized
- 6900V power still unavailable
- HPI system leak downstream of 3HP-31 occurs
- 3A1 RCP SI flow = 3.9 gpm slowly lowering
- 3A2 RCP SI flow = 3.7 gpm slowly lowering
- 3B1 RCP SI flow = 3.5 gpm slowly lowering
- 3B2 RCP SI flow = 3.4 gpm slowly lowering
- Seal Inlet Header Flow = 40 gpm stable

At Time = 0303, which ONE of the following describes the status of the RCP support system valve(s) below?

A. 3HP-21, 3HP-31, and ALL individual seal return valves have closed

B. ONLY 3HP-21 and ALL individual seal return valves have closed

C. ONLY 3HP-21 AND 3HP-31 have closed

D. ONLY 3HP-21 has closed

Question: 31
(1 point)

Given the following Unit 1 conditions:

Initial conditions:

- Reactor power = 100%
- 1A and 1B Letdown Coolers in service

Current conditions:

- 1A Letdown Cooler is removed from service by the RO in the control room

1) If letdown temperature rises, control rods will __(1)__ as a result of the change in reactivity due to moderator temperature changes.

2) The effects on reactivity from the Moderator Temperature Coefficient (MTC) will be greater at __(2)__.

Which ONE of the following completes the statements above?

A. 1. insert
   2. beginning of core life (BOL)

B. 1. withdraw
   2. beginning of core life (BOL)

C. 1. insert
   2. end of core life (EOL)

D. 1. withdraw
   2. end of core life (EOL)

Question: 32
(1 point)

Given the following Unit 2 conditions:

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

1) The LPI Decay Heat Removal mode that will be used for the INITIAL transition to LPI cooling is __(1)__.

2) The HIGHER RCS pressure (psig) that will allow aligning LPI in the Normal Decay Heat Removal mode is __(2)__.

Which ONE of the following completes the statements above?

A. 1. High Pressure
   2. 115

B. 1. High Pressure
   2. 220

C. 1. Switchover
   2. 115

D. 1. Switchover
   2. 220

Question: 33
(1 point)

Given the following Unit 1 conditions:

Time = 1200:

- Reactor power = 20% stable
- Small Break LOCA occurs

Time = 1210:

- RCS pressure = 410 psig slowly lowering
- RB pressure = 2.7 psig slowly rising

Which ONE of the following contains ONLY valves that have received an Engineered Safeguards signal to OPEN at Time = 1210?

A. 1LP-18 and 1BS-1

B. 1HP-24 and 1BS-1

C. 1HP-24 and 1LP-17

D. 1LP-18 and 1LPSW-15

Question: 34
(1 point)

Given the following Unit 1 conditions:

- OP/1/A/1103/002 (Filling and Venting RCS) Enclosure 4.14 (Establishing Pzr Steam Bubble And RCS Final Vent) in progress
- Quench Tank level = 82 inches
- Quench Tank pressure = 0.5 psig
- The Pressurizer is vented to the Quench Tank for 30 minutes

Which ONE of the following describes QT parameters that would indicate Pzr Steam Bubble Formation is complete?

	QT level (inches)	QT pressure (psig)
A.	82.1	0.6
B.	82.1	2.5
C.	84.1	0.6
D.	84.1	2.5

Question: 35
(1 point)

Given the following Unit 1 conditions:

- Reactor power = 100%
- 1A CC Pump switch in ON
- 1B CC Pump switch in AUTO
- A Steam line break occurs
- RB pressure = 3.5 psig rising

1) 1CC-7 and 8 (Component Cooling Return Penetration Block Valves) will close as a result of ES Channels __(1)__ actuating.

2) When ES has been reset and 1CC-7 and 8 are opened, __(2)__ CC Pump(s) will automatically start.

Which ONE of the following completes the statements above?

A. 1. 1 and 2
   2. one

B. 1. 1 and 2
   2. both

C. 1. 5 and 6
   2. one

D. 1. 5 and 6
   2. both

Question: 36
(1 point)

Given the following Unit 1 conditions:

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

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

A. 648

B. 272

C. 228

D. 212

Question: 37
(1 point)

Given the following Unit 1 conditions:

Time = 0400:

- Reactor power = 100%
- 1RC-1 (Pzr Spray) fails OPEN

Time = 0405:

- Reactor power = 100%
- RCS pressure = 2115 psig rising

Time = 0415:

- RCS pressure = 2155 psig rising
- Pzr temperature = 640ºF rising

1) At Time = 0405, the REQUIRED ACTIONS of TS 3.4.1 (RCS Pressure, Temperature, and Flow Departure from Nucleate Boiling (DNB) Limits) __(1)__ required to be performed.

2) At Time = 0415, Pzr Heater Bank 2 (Groups B and D) are __(2)__.

Which ONE of the following completes the statements above?

A. 1. are
   2. energized

B. 1. are
   2. de-energized

C. 1. are NOT
   2. energized

D. 1. are NOT
   2. de-energized

Question: 38
(1 point)

Given the following Unit 1 conditions:

Initial conditions:

- Reactor power = 100%
- BOTH Main Feedwater Pumps trip

Current conditions:

- Reactor power = 57% slowly lowering
- 1HP-24 & 1HP-25 will NOT open

1) In order to inject Boron into the RCS, Rule 1 (ATWS) will direct __(1)__.

2) The direction given to the operator opening the CRD breaker is to __(2)__ Arc Flash PPE.

Which ONE of the following completes the statements above?

A. 1. using the BWST via the LPI system
   2. wear

B. 1. using the BWST via the LPI system
   2. NOT wear

C. 1. using CBAST
   2. wear

D. 1. using CBAST
   2. NOT wear

Question: 39
(1 point)

Given the following Unit 1 conditions:

Initial conditions:

- Small Break LOCA occurs
- Reactor Building pressure = 4.5 psig rising
- RCS pressure = 1500 psig lowering

Current conditions:

- Reactor Building pressure = 2.5 psig stable
- RCS pressure = 1800 psig stable
- ES reset is desired

1) Depress RESET for ES Channels __(1)__ to allow the HPI pumps ES logic to be reset.

2) Based on current conditions, the Diverse HPI “Bistable Tripped” light __(2)__ be illuminated.

Which ONE of the following completes the statements above?

A. 1. 1 and 2
   2. will

B. 1. 3 and 4
   2. will

C. 1. 1 and 2
   2. will NOT

D. 1. 3 and 4
   2. will NOT

Question: 40
(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, 5, 7 ONLY

B. 2, 6, 8 ONLY

C. 1, 3, 5, 7

D. 2, 4, 6, 8

Question: 41
(1 point)

Given the following Unit 1 conditions:

Time = 0400:

- Reactor power = 100%
- 1A and 1C RBCUs operating in HIGH speed

Time = 0401:

- ES Channels 1 - 8 actuate

Time = 0405:

- 1A and 1B RBCUs in LOW speed
- 1C RBCU in HIGH speed

1) Continued operation in this alignment could damage the 1C RBCU fan __(1)__ due to high humidity in the RB.

2) In accordance with EOP Enclosure 5.1 (ES Actuation) the 1C RBCU will __(2)__.

Which ONE of the following completes the statements above?

A. 1. blades
   2. immediately be switched to LOW speed

B. 1. blades
   2. ONLY be switched to LOW speed after directed by the CRS

C. 1. motor
   2. immediately be switched to LOW speed

D. 1. motor
   2. ONLY be switched to LOW speed after directed by the CRS

Question: 42
(1 point)

Given the following Unit 1 conditions:

Initial conditions:

- A Large Break LOCA occurs

Time = 0800:

- EOP Enclosure 5.12 (ECCS Suction Swap to RBES) is in progress
- BWST level = 8.5 ft lowering

Time = 0900:

- BWST level = 5.5 ft lowering

In accordance with Encl 5.12…..

1) 1LP-19 and 1LP-20 will INITIALLY be opened at time __(1)__.

2) If 1LP-19 fails to open when INITIALLY attempted, __(2)__ will be secured.

Which ONE of the following completes the statements above?

A. 1. 0800
   2. 1A RBS Pump

B. 1. 0800
   2. 1A LPI Pump

C. 1. 0900
   2. 1A RBS Pump

D. 1. 0900
   2. 1A LPI Pump

Question: 43
(1 point)

Given the following Unit 1 conditions:

- Unit 1 startup in progress
- Reactor power = 15%
- The Main Generator is being paralleled to the grid per OP/1/A/1106/001 (Turbine Generator)
- Turbine Master is in MANUAL

When PCB-20 or PCB 21 (Generator Breaker) is closed…..

1) the Turbine Bypass Valves will be controlled by __(1)__ error.

2) you are directed to establish __(2)__.

Which ONE of the following completes the statements above?

A. 1. SG Outlet Header Pressure
   2. approximately 35 MWe

B. 1. SG Outlet Header Pressure
   2. a minimum of 90 MWe

C. 1. Turbine Header Pressure
   2. approximately 35 MWe

D. 1. Turbine Header Pressure
   2. a minimum of 90 MWe

Question: 44
(1 point)

Given the following Unit 1 conditions:

- Reactor power = 80% stable
- ΔTc Controller is in HAND
- 1B1 RCP trips
- Crew performs Plant Transient Response
- Crew enters AP/01 (Unit Runback)
- ΔTc = +1.2°F and becoming more positive

The operator will have to manually re-ratio feedwater such that feed to the __(1)__ SG will rise because the RC Flow Ratio circuit ___(2)___.

Which ONE of the following completes the statement above?

A. 1. 1A
   2. is blocked when the Delta Tc controller is in HAND

B. 1. 1A
   2. has failed

C. 1. 1B
   2. is blocked when the Delta Tc controller is in HAND

D. 1. 1B
   2. has failed

Question: 45
(1 point)

Given the following Unit 1 conditions:

Initial conditions:

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

Current conditions:

- Enclosure 5.9 (Extended EFDW Operation) is in progress
- UST level = 4 feet lowering
- Preparations are being made to swap EFDW suction to the Hotwell

1) In accordance with Enclosure 5.9, when UST level = 2.9 feet, the MD EFDW pumps will be __(1)__.

2) When taking suction from the Hotwell, in accordance with Rule 7 (SG Feed Control), each MD EFDW pump is limited to a MAXIMUM flow rate of __(2)__.

Which ONE of the following completes the statements above?

A. 1. secured
   2. 440 gpm

B. 1. secured
   2. 600 gpm

C. 1. operating
   2. 440 gpm

D. 1. operating
   2. 600 gpm

Question: 46
(1 point)

Given the following Unit 1 conditions:

- Reactor power = 100%.
- Loss of all feedwater occurs
- CBP feed is being established

1) In accordance with Rule 3 (Loss of Main or Emergency Feedwater), once CBP feed is established, RCS temperature __(1)__.

2) When manipulating the Feedwater Startup Control Valves, “Two Handed” valve operation __(2)__ allowed.

Which ONE of the following completes the statements above?

A. 1. will be stabilized at its current value
   2. is

B. 1. will be stabilized at its current value
   2. is NOT

C. 1. will lower to Tsat for the SG pressure
   2. is

D. 1. will lower to Tsat for the SG pressure
   2. is NOT

Question: 47
(1 point)

Given the following Unit 1 conditions:

- Reactor power = 100%
- 1KI Breaker #1 is inadvertently opened
- 1SA-2/B-11 (ICS AUTO POWER FAILURE) actuates

1) Pzr level will __(1)__ as a result of the power failure.

2) 1HP-120 can now be operated in __(2)__.

Which ONE of the following completes the statements above?

A. 1. lower
   2. manual ONLY

B. 1. lower
   2. manual OR automatic

C. 1. stay the same
   2. manual ONLY

D. 1. stay the same
   2. manual OR automatic

Question: 48
(1 point)

Given the following Unit 1 conditions:

Time = 1200:

- Reactor power = 100%
- ACB-4 Closed
- Large Break LOCA occurs coincident with a loss of offsite power

Time = 1205:

- KHU-2 Emergency Lockout occurs

Which ONE of the following describes how ECCS systems are being powered at Time = 1206?

NO OPERATOR ACTIONS ARE TAKEN

A. CT-5 powered from Central Switchyard

B. CT-5 powered from Lee combustion turbine

C. KHU-1 through the Overhead power path

D. KHU-1 through the underground power path

Question: 49
(1 point)

Given the following plant conditions:

Time = 1230

- All three units operating at 50% power
- 1TC is de-energized
- KHU-1 is NOT running
- KHU-1 is aligned to the underground

Time = 1245:

- PCB-8 and PCB-9 trip open and lock out
- ES channel 1 and 2 Keowee Emergency Start Signal has been received

NO OPERATOR ACTIONS ARE TAKEN

At Time = 1250, KHU-1 control power (via Bus 1DA) is __(2)__.

Which ONE of the following completes the statement above?

A. NOT available due to 1TC being de-energized

B. NOT available due to PCB 8 and 9 being open

C. being supplied by Battery Charger #1 via Load Center 1X

D. being supplied by Battery #1 due to Battery Charger #1 NOT being energized

---

Question: 50
(1 point)

Given the following Unit 1 conditions:

- Reactor in MODE 5
- RB Purge is in progress
- Reactor Building airborne activity is rising

1SA-8/D-9 (RM Reactor BLDG Purge Disch RAD Inhibit) will actuate __(1)__ the "Switchover" from 1RIA-45 to 1RIA-46 and will close __(2)__.

Which ONE of the following completes the statement above?

A. 1. prior to
   2. 1PR-1 through 1PR-6

B. 1. prior to
   2. 1PR-2 through 1PR-5 ONLY

C. 1. after
   2. 1PR-1 through 1PR-6

D. 1. after
   2. 1PR-2 through 1PR-5 ONLY

Question: 51
(1 point)

Given the following Unit 1 conditions:

- Reactor power = 100%

Which ONE of the following describes an effect of a loss of LPSW?

A. In a subsequent LOCA, RCS cooling would be reduced during the recirculation phase

B. In a subsequent LOHT, the TDEFDW pump will overheat

C. The Primary IA Compressor would overheat

D. The HPI pump motors would overheat

Question: 52
(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. 1TD or 2TD

D. 1TC or 2TC

Question: 53
(1 point)

Which ONE of the following is NOT a power supply for the Backup (Worthington) Instrument Air Compressors?

A. 1XD

B. 1XF

C. 2XF

D. 2XP

Question: 54
(1 point)

Given the following Unit 1 conditions:

- Mode 1
- You are dispatched to swap the operating Main Steam Line Cooling Fans for the East Penetration Room from Fan ‘A’ to Fan ‘B’

1) The control panel for the fans is located __(1)__ the East Penetration Room.

2) If the local breaker for Fan ‘B’ trips after starting, Fan ‘A’ __(2)__.

Which ONE of the following completes the statements above?

A. 1. inside
   2. will start immediately due to Fan ‘B’ breaker position

B. 1. inside
   2. will start after a time delay due to low flow in the ductwork

C. 1. outside
   2. will start immediately due to Fan ‘B’ breaker position

D. 1. outside
   2. will start after a time delay due to low flow in the ductwork

---

Question: 55
(1 point)

Given the following Unit 1 conditions:

Initial conditions:

- Reactor power = 100%

Current conditions:

- Main Steam Line Break occurs
- ES Channel 2 actuates at the designed setpoint
- ES Channel 1 fails to actuate

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

A. 1HP-21

B. 1LWD-1

C. 1LPSW-6

D. 1GWD-12

Question: 56
(1 point)

Given the following Unit 3 conditions:

- Reactor power = 100%
- Main Turbine Trip occurs

1) If CRD Breakers A & C remain CLOSED, the Control Rod Drive Mechanisms __(1)__ remain energized.

2) The RCS pressure setpoint that would actuate the Diverse Scram System (DSS) to de-energize the CRDMs is __(2)__.

Which ONE of the following completes the statements above?

A. 1. will
   2. 2345 psig

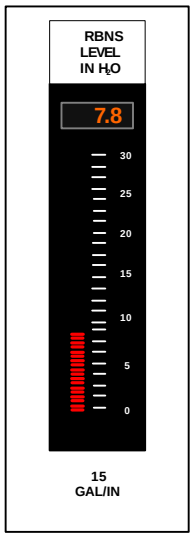
B. 1. will
   2. 2450 psig

C. 1. will NOT
   2. 2345 psig

D. 1. will NOT
   2. 2450 psig

Question: 57
(1 point)

Given the following Unit 1 conditions:



Time = 0800:

- Reactor power = 100%
- RBNS level as shown and has been rising

Time = 0820:

- RBNS is being pumped per OP/1-2/A/1104/007 (Liquid Waste Disposal System)
- RBNS level = 2.0 inches

1) At Time = 0800, 1SA-9/A-6 (REACTOR BUILDING NORMAL SUMP LEVEL HIGH/LOW) __(1)__ be in alarm.

2) At Time = 0820, the RBNS pump __(2)__ shut down automatically due to RBNS level.

Which ONE of the following completes the statements above?

A. 1. will
   2. has

B. 1. will
   2. has NOT

C. 1. will NOT
   2. has

D. 1. will NOT
   2. has NOT

Question: 58
(1 point)

Given the following Unit 2 conditions:

Time = 0800:

- Reactor power = 60%
- 0% light for Group 4 Rod 3 is lit
- AP/2/A/1700/001 (Unit Runback) is entered

Time = 0803:

- Reactor power = 60%

1) The “GROUP IN LIMIT” light for Control Rod Group 4 will be __(1)__.

2) At Time = 0803, the operator will __(2)__.

Which ONE of the following completes the statements above?

A. 1. OFF
   2. place the Diamond AND FDW Loop Masters in MANUAL, then reduce power because the automatic runback has failed to occur

B. 1. OFF
   2. leave ICS in AUTO because reactor power is below the runback setpoint for a dropped control rod

C. 1. ON
   2. place the Diamond AND FDW Loop Masters in MANUAL, then reduce power because the automatic runback has failed to occur

D. 1. ON
   2. leave ICS in AUTO because reactor power is below the runback setpoint for a dropped control rod

---

Question: 59
(1 point)

Given the following Unit 1 conditions:

- Reactor startup in progress after refueling
- Core Thermal Power Best (CTPB) = 65%
- NI Power:
  - NI-5 = 66%
  - NI-6 = 65%
  - NI-7 = 68%
  - NI-8 = 66%

1) Input to OAC CTPB is provided by __(1)__.

2) The Reactor power increase __(2)__ have to be stopped to allow NI adjustment.

Which ONE of the following completes the statements above?

A. 1. Primary Power
   2. does

B. 1. Primary Power
   2. does NOT

C. 1. Secondary Power
   2. does

D. 1. Secondary Power
   2. does NOT

Question: 60
(1 point)

Given the following Unit 3 conditions:

- Reactor power = 9%
- ALL air is lost to 3MS-31 (Turbine Bypass Valve)

When the air is lost to 3MS-31, RCS temperature will initially __(1)__ before eventually stabilizing at the temperature equivalent to the Turbine Master selected __(2)__.

Which ONE of the following completes the statement above?

A. 1. lower
   2. setpoint

B. 1. lower
   2. setpoint plus 50 psig

C. 1. rise
   2. setpoint

D. 1. rise
   2. setpoint plus 50 psig

Question: 61
(1 point)

Given the following Unit 1 conditions:

Time = 1200:

- Reactor in MODE 5
- RCS Loops dropped
- RB Purge in progress

Time = 1205:

- 1RIA-49 (Reactor Building High Gas) in HIGH alarm
- RB Purge is still in operation

1) The Containment Evacuation alarm __(1)__ AUTOMATICALLY actuate as a result of the 1RIA-49 HIGH alarm.

2) RB Purge __(2)__ fail to isolate.

Which ONE of the following completes the statements above?

A. 1. will
   2. did

B. 1. will
   2. did NOT

C. 1. will NOT
   2. did

D. 1. will NOT
   2. did NOT

Question: 62
(1 point)

Given the following plant conditions:

- Unit 1&2 Spent Fuel Pool level = -0.2 feet, lowering at ~ 0.1 feet per minute
- AP/1-2/A/1700/035 (Loss of SFP Cooling and/or Level) initiated

1) The low SFP level interlock trip of the SF Cooling pumps is minus (-) __(1)__ feet.

2) Per AP/35, Emergency Dose limits __(2)__ in effect.

Which ONE of the following completes the statements above?

A. 1. 2.5
   2. are

B. 1. 2.5
   2. are NOT

C. 1. 3.5
   2. are

D. 1. 3.5
   2. are NOT

Question: 63
(1 point)

Given the following Unit 2 conditions:

- Reactor power = 50%
- AP/2/A/1700/031 (Primary to Secondary Leakage) is in progress due to a tube leak on 2A SG

1) 2RIA- __(1)__ will convert radiation level into a leak rate in GPD or GPM.

2) If the leak rate from 2A SG is determined to be 180 gpd, the REQUIRED ACTIONS of TS 3.4.13 (RCS Operational Leakage) __(2)__ required to be performed.

Which ONE of the following completes the statements above?

A. 1. 16
   2. are

B. 1. 16
   2. are NOT

C. 1. 59
   2. are

D. 1. 59
   2. are NOT

Question: 64
(1 point)

Given the following Unit 1 conditions:

Time = 0800:

- Reactor power = 50%
- CCW pumps 1A, 1B and 1C are operating
- 1C CCW pump trips
- Condenser vacuum = 27.5 inches Hg lowering
- AP/1/A/1700/027 (Loss of Condenser Vacuum) is entered

Time = 0810:

- Condenser vacuum = 20.5 inches Hg slowly lowering

1) At Time = 0810, the Main Turbine __(1)__ tripped.

2) Once the Reactor is tripped, with Turbine Header Pressure = 935 psig, in accordance with the Subsequent Actions tab, TBVs will be moving in the __(2)__ direction to maintain THP at the desired setpoint.

Which ONE of the following completes the statements above?

A. 1. is
   2. open

B. 1. is
   2. closed

C. 1. is NOT
   2. open

D. 1. is NOT
   2. closed

Question: 65
(1 point)

Given the following plant conditions:

- All units at 100% power
- Instrument air pressure = 89 psig lowering
- AP/2/A/1700/022 (Loss of Instrument Air) in progress
- An operator has been dispatched to perform Encl. 5.4 (Emergency Start of the Diesel Air Compressor)

1) The Diesel Air Compressor __(1)__ have automatically started.

2) Encl. 5.4 will direct opening SA-143 (SA to IA Controller Bypass) __(2)__.

Which ONE of the following completes the statements above?

A. 1. will
   2. ONLY if SA-141 (SA to IA Controller) will not maintain IA header pressure

B. 1. will
   2. regardless of IA header pressure

C. 1. will NOT
   2. ONLY if SA-141 (SA to IA Controller) will not maintain IA header pressure

D. 1. will NOT
   2. regardless of IA header pressure

Question: 66
(1 point)

Given the following Unit 1 conditions:

Initial conditions:

- Reactor power = 100%

Current conditions:

- See reference

1) HPI pump suction __(1)__ currently aligned to the BWST.

2) The Pzr __(2)__ saturated.

Which ONE of the following completes the statements above?

NO OPERATOR ACTIONS ARE TAKEN

REFERENCE PROVIDED

A. 1. is
   2. is

B. 1. is
   2. is NOT

C. 1. is NOT
   2. is

D. 1. is NOT
   2. is NOT

Question: 67
(1 point)

Given the following Unit 1 conditions:

- AP/1/A/1700/029 (Rapid Unit Shutdown) is in progress
- Enclosure 5.1 (Support Actions During Rapid Unit Shutdown) is being performed
- Turbine/Generator shutdown is required
- Generator Output = 350 MWe (~39% Core Thermal Power)

In accordance with Encl 5.1….

1) Main Feeder Busses 1 & 2 NORMAL FDR breakers will be __(1)__.

2) 1D1 and 1D2 Heater Drain Pumps __(2)__ allowed to be secured.

Which ONE of the following completes the statement above?

A. 1. closed
   2. are

B. 1. closed
   2. are NOT

C. 1. open
   2. are

D. 1. open
   2. are NOT
   .

Question: 68
(1 point)

Given the following Unit 1 conditions:

Initial conditions:

- Reactor power = 100%
- Reactor trips due to a Large Break LOCA

Current conditions:

- The OATC and BOP are performing Immediate Manual Actions (IMAs) and Symptoms Check in accordance with OMP 1-18 (Implementation Standard During Abnormal and Emergency Events)
- Rule 2 (Loss of SCM) is performed due to Core SCM = 0°F
- When RCP switches are taken to TRIP, 1A1 RCP remains running

1) Assuming that the OATC and BOP start their actions at the same time, the __(1)__ will be the operator performing Rule 2.

2) When RCP 1A1 does NOT trip, the RNO column in Rule 2 directs the operator to de-energize __(2)__.

Which ONE of the following completes the statements above?

A. 1. BOP
   2. 1TA only

B. 1. BOP
   2. 1TA and 1TB

C. 1. OATC
   2. 1TA only

D. 1. OATC
   2. 1TA and 1TB

Question: 69
(1 point)

Given the following Unit 2 conditions:

- Reactor power is being reduced from 100% to 88% to perform surveillance testing
- OP/2/A/1102/004 (Operation at Power) Enclosure 4.2 (Power Reduction) is in progress

1) The SOC __(1)__ required to be notified.

2) The “E” Heater Drain Pumps __(2)__ required to be secured.

Which ONE of the following completes the statements above?

A. 1. is
   2. are NOT

B. 1. is
   2. are

C. 1. is NOT
   2. are NOT

D. 1. is NOT
   2. are

Question: 70
(1 point)

Given the following Unit 1 conditions:

- Reactor power = 100%
- ICS in AUTO
- Group 8 rod movement is required for imbalance control

1) In accordance with OP/1/A/1102/004 (Operation At Power), SEQUENCE OVERRIDE __(1)__ required to be selected prior to moving Group 8 rods.

2) Group 7 rods __(2)__ respond to neutron error while group 8 is selected.

Which ONE of the following completes the statements above?

A. 1. is
   2. will

B. 1. is
   2. will NOT

C. 1. is NOT
   2. will

D. 1. is NOT
   2. will NOT

Question: 71
(1 point)

Given the following Unit 3 conditions:

Time = 0800:

- A loss of power has occurred

Time = 0801:

- Unit auxiliaries are being supplied from CT-3 via the 230 KV switchyard
- 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 per loop
   2. 3A1

B. 1. one RCP per loop
   2. 3B1

C. 1. one RCP ONLY
   2. 3A1

D. 1. one RCP ONLY
   2. 3B1

Question: 72
(1 point)

Given the following Unit 3 conditions:

- 3A GWD gas tank release in progress
- Release is at 2/3 Station Limit

1) 1RIA-45 High and Alert setpoints will be set at __(1)__ the normal 1/3 Station Limit as listed in PT/0/A/0230/001 (Radiation Monitor Check).

2) If 1RIA-45 High alarm setpoint is reached, the 3A GWD gas tank release __(2)__.

Which ONE of the following completes the statements above?

A. 1. half
   2. will automatically terminate

B. 1. half
   2. must be manually terminated

C. 1. the same as
   2. will automatically terminate

D. 1. the same as
   2. must be manually terminated

Question: 73
(1 point)

In accordance with PD-RP-ALL-0001 (Radiation Worker Responsibilities), which ONE of the following states….

1) the MAXIMUM annual Whole Body Dose Limit (REM) allowed by the NRC?

2) the MAXIMUM lifetime Planned Special Exposure limit (REM) allowed by the NRC?

A. 1. 2
   2. 25

B. 1. 2
   2. 50

C. 1. 5
   2. 25

D. 1. 5
   2. 50

Question: 74
(1 point)

Given the following Unit 1 conditions:

- Reactor power = 100%
- AP/1/A/1700/050 (Challenging Plant Fire) initiated due to a fire in the Control Room

1) Per AP/50, the Unit 1 Reactor Operators will relocate to the __(1)__.

2) A method used in RP/0/A/1000/029 (Fire Brigade Response) to dispatch the full fire brigade is __(2)__.

Which ONE of the following completes the statements above?

A. 1. Standby Shutdown Facility
   2. using the plant paging system

B. 1. Standby Shutdown Facility
   2. having Security dispatch fire brigade

C. 1. Auxiliary Shutdown Panel
   2. using the plant paging system

D. 1. Auxiliary Shutdown Panel
   2. having Security dispatch fire brigade

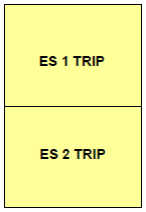
Question: 75
(1 point)

Unit 1 plant conditions:

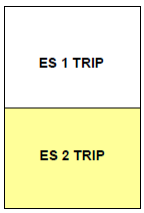
- Reactor power = 100%
- 1DIB inverter input breaker trips

Based on the above plant conditions, which ONE of the following represents the conditions of the statalarms on 1SA-1 for ES Actuation Logic channels one and two?

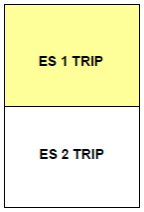
A.



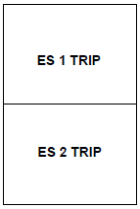
B.



C.



D.

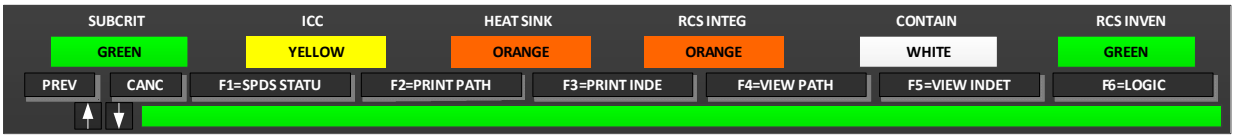


Question: 76
(1 point)

Given the following Unit 1 conditions:

Time = 0600:

- Reactor power = 100%
- Pzr Safety Valve fails open
- Reactor trips
- Loss of all Feedwater



Time = 0615:

- LOSCM tab in progress
- TD EFWP supplying both SGs
- RCS Pressure = 1685 psig
- CETCs = 613°F lowering

1) At time = 0600, the highest priority Critical Safety Function indicated on the (SPDS) Displayed above is __(1)__.

2) At time = 0615, in accordance with the LOSCM Tab, the LOCA CD tab __(2)__ required to be initiated.

Which ONE of the following completes the statements above?

A. 1. Heat Sink
   2. is NOT

B. 1. Heat Sink
   2. is

C. 1. RCS Integrity
   2. is NOT

D. 1. RCS Integrity
   2. is

Question: 77
(1 point)

Given the following Unit 1 conditions:

Time = 0800:

- Reactor power = 100%
- 1SA-16/A-6 (RC PUMP MOTOR 1A1 OIL POT LOW LEVEL) in alarm
- MTR UPPER TH BRG TEMP 1 = 185°F rising
- AP/1/A/1700/016 (Abnormal Reactor Coolant Pump Operation) is in progress
- The Shift Manager has directed reducing power immediately to remove 1A1 RCP from service

In accordance with AP/16...

1) The power reduction will be performed using __(1)__.

2) The MINIMUM 1A1 RCP Thrust Bearing temperature that will require immediately securing the RCP is __(2)__°F.

Which ONE of the following completes the statements above?

A. 1. AP/1/A/1700/016 (Abnormal Reactor Coolant Pump Operation)
   2. 190

B. 1. AP/1/A/1700/016 (Abnormal Reactor Coolant Pump Operation)
   2. 225

C. 1. AP/1/A/1700/029 (Rapid Unit Shutdown)
   2. 190

D. 1. AP/1/A/1700/029 (Rapid Unit Shutdown)
   2. 225

Question: 78
(1 point)

Given the following Unit 1 conditions:

Initial conditions:

- Reactor in MODE 6
- Spent Fuel Pool in Refueling Cooling Mode alignment
- Defueling in progress

Current conditions:

- Fuel Transfer Canal level is slightly less than 21.34 feet lowering
- 1C LPI pump = 30 amps stable

1) AP/26 (Loss of Decay Heat Removal) directs stopping all LPI pumps to __(1)__.

2) The reason AP/26 only requires establishing Containment Closure (vs. restoring containment to OPERABLE) is because __(2)__.

Which ONE of the following completes the statements above?

A. 1. prevent loss of suction to the LPI pumps
   2. fuel handling accidents will NOT result in significant Containment pressurization

B. 1. prevent loss of suction to the LPI pumps
   2. with an OPERABLE Containment the Main Purge system can NOT be used to clean up the RB atmosphere

C. 1. determine if the leak is on the discharge of the LPI pumps
   2. fuel handling accidents will NOT result in significant Containment pressurization

D. 1. determine if the leak is on the discharge of the LPI pumps
   2. with an OPERABLE Containment the Main Purge system can NOT be used to clean up the RB atmosphere

---

Question: 79
(1 point)

Given the following Unit 1 conditions:

Time = 0800:

- Loss of ALL Main and Emergency Feedwater
- OATC is performing Rule 3
- LOHT tab is in progress

Time = 0804:

- SG pressure is being reduced to establish Condensate Booster Pump (CBP) feed
- 1A SG level = 12 inches Extended Startup Range (XSUR)
- 1B SG level = 11 inches Extended Startup Range (XSUR)

Time = 0810:

- CBP feed is lost
- 1A HPIP is the only HPI pump available
- Rule 4 in progress
- Opening the PORV results in SCM = 0°F

1) At Time = 0804, when establishing CBP feed, SG pressure should be lowered to 500 psig __(1)__.

2) At Time = 0810, the LOHT tab __(2)__ direct transfer to the LOSCM tab.

Which ONE of the following completes the statements above?

A. 1. at the maximum rate to establish feed to the SGs
   2. does NOT

B. 1. at the maximum rate to establish feed to the SGs
   2. does

C. 1. slowly to prevent overcooling
   2. does NOT

D. 1. slowly to prevent overcooling
   2. does

Question: 80
(1 point)

Given the following plant conditions:

Date = 12/02

- Unit 1 = Mode 5
- Unit 2 = Mode 1
- Unit 3 = Mode 1
- Battery Charger 2CA is out of service

Date = 12/03

- Time = 0800
  - Battery Charger 1CA breakers trip open

Date = 12/04

- Time = 1200
  - Battery Chargers 1CA and 2CA are out of service
  - Commenced Unit 2 and 3 shutdown
- Time = 1500
  - Units 2 and 3 in Mode 3

1) Battery Charger 1CA (when available) is a power source for Unit __(1)__.

2) In accordance with AD-LS-ALL-0006 (Notification / Reportability Evaluation), the latest time on 12/04 that an ENS notification is required is __(2)__

Which ONE of the following completes the statements above?

REFERENCE PROVIDED

A. 1. 2
   2. 1600

B. 1. 2
   2. 1900

C. 1. 3
   2. 1600

D. 1. 3
   2. 1900

Question: 81
(1 point)

Given the following Unit 1 conditions:

Time = 0800:

- Steam line break in 1A Steam Generator has occurred from 100%
- Rule 5 (Main Steam Line Break) is complete
- EHT tab in progress

Time = 0810:

- Steam line break occurs in 1B Steam Generator
- Rule 5 re-performed

1) At Time = 0810, the __(1)__ tab will be used to mitigate the event.

2) If it is determined that only the 1A SG can be “trickle fed”, the __(2)__ tab will be directed by the CRS.

Which ONE of the following completes the statements above?

A. 1. EHT
   2. FCD

B. 1. EHT
   2. HPI CD

C. 1. LOHT
   2. FCD

D. 1. LOHT
   2. HPI CD

Question: 82
(1 point)

Given the following Unit 2 conditions:

Time = 0800:
- Reactor power = 6%
- Startup in progress

Time = 0801:
- Control rods begin moving in the OUT direction
- Control Rod Group 7 Rod 4 is ejected from the core

Time = 0805:
- SCM = 0°F
- RB pressure = 8 psig rising

Time = 0806:
- SCM = 0°F
- RB pressure = 2 psig lowering

1) In accordance with TS 3.3.1 bases, the RPS Nuclear Overpower High trip setpoint __(1)__ credited in the mitigation of an ejected rod event.

2) The Emergency Plan classification (EAL) for this event is __(2)__.

Which ONE of the following completes the statements above?

REFERENCE PROVIDED

A. 1. is
   2. Alert

B. 1. is
   2. Site Area Emergency

C. 1. is NOT
   2. Alert

D. 1. is NOT
   2. Site Area Emergency

Question: 83
(1 point)

Given the following Unit 1 conditions:

Initial conditions:

- Reactor power = 100%
- Pressurizer (Pzr) Level 2 selected
- SASS is in AUTO

Current conditions:

- The diaphragm in the DP cell for Pzr level 2 detector ruptures

1) As Pzr level deviates from the other Pzr level detectors, SASS will select Pzr Level Detector __(1)__.

2) The bases for the limit on Pzr level in TS 3.4.9 (Pressurizer) is to __(2)__.

Which ONE of the following complete the statements above?

A. 1. 1
   2. prevent exceeding the RCS pressure Safety Limit due to a subsequent Pzr insurge

B. 1. 1
   2. ensure adequate Pzr heater capacity to return the Pzr to saturated conditions following all anticipated transients

C. 1. 3
   2. prevent exceeding the RCS pressure Safety Limit due to a subsequent Pzr insurge

D. 1. 3
   2. ensure adequate Pzr heater capacity to return the Pzr to saturated conditions following all anticipated transients

---

Question: 84
(1 point)

Given the following Unit 1 conditions:

Time = 0800:

- Reactor trip from 100% power
- Excessive Heat Transfer on 1A SG
- Rule 5 (Main Steam Line Break) initiated
- The CRS transfers to the EHT tab

Time = 0801:

- ALL SCMs = 0°F
- RCPs secured in accordance with Rule 2 (Loss of SCM)
- CRS transfers to the LOSCM tab
- RCS temperature = 490°F

At Time = 0801....

1) Criteria __(1)__ met to perform Rule 8 (Pressurized Thermal Shock).

2) In accordance with the LOSCM tab, the CRS will __(2)__ to address plant conditions.

Which ONE of the following completes the statements above?

A. 1. is
   2. remain in the LOSCM tab

B. 1. is
   2. transfer back to the EHT tab

C. 1. is NOT
   2. remain in the LOSCM tab

D. 1. is NOT
   2. transfer back to the EHT tab

Question: 85
(1 point)

Given the following Unit 1 conditions:

Time = 0400:

- Reactor power = 100%

Time = 0405:

- Core SCM = 0°F
- Rule 2 (Loss of SCM) is in progress
- 1HP-24 fails closed
- RCS pressure = 1700 psig lowering

1) In accordance with Rule 2, when the step to open 1HP-26 and 1HP-27 is reached, there will be __(1)__ HPI pumps injecting.

2) The MINIMUM number of HPI trains required to mitigate this event is __(2)__.

Which ONE of the following completes the statements above?

A. 1. two
   2. two

B. 1. two
   2. one

C. 1. three
   2. two

D. 1. three
   2. one

Question: 86
(1 point)

Unit 1 plant conditions

Time = 0800:

- Reactor power = 100%
- Chemistry results indicate DEI = 7 µCi/ml

Time = 0830:

- RCS leak = 140 gpm rising
- Reactor tripped

Time = 0900:

- RCS pressure = 600 psig
- DEI = 287 µCi/ml
- 1RIA-57 = 285 R/hr
- 1RIA-58 = 140 R/hr

1) At Time = 0800, the EAL classification is a(an) __(1)__.

2) At Time = 0900, the EAL classification is a(an) __(2)__.

Based on the above plant conditions, which ONE of the following completes the statements above?

REFERENCE PROVIDED

A. 1. Alert
   2. Site Area Emergency

B. 1. Alert
   2. General Emergency

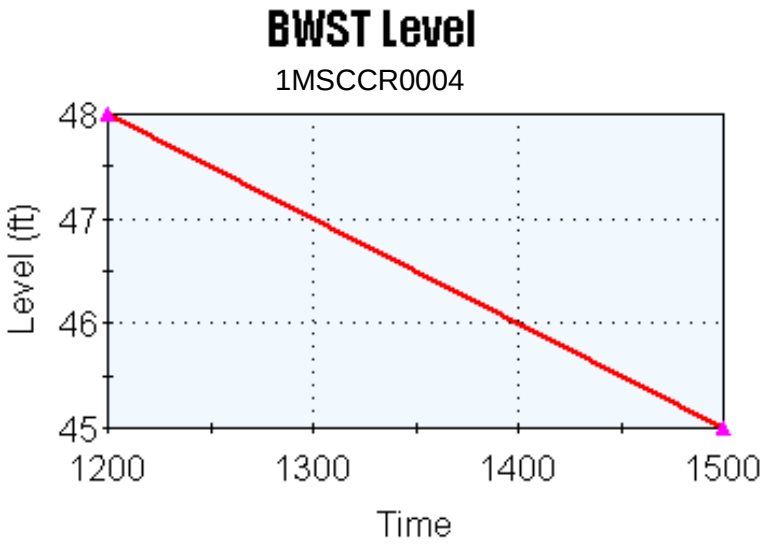
C. 1. Unusual Event
   2. Site Area Emergency

D. 1. Unusual Event
   2. General Emergency

Question: 87
(1 point)

Given the following Unit 1 conditions:

- An RO is performing PT/1/A/600/001 (Periodic Instrument Surveillance) and is reviewing the chart of control room indicated BWST level below:



1) At Time = 1330, in accordance with PT/1/A/0600/001, the BWST __(1)__ operable.

2) In accordance with TS Bases 3.5.4, Borated Water Storage Tank, the MINIMUM __(2)__ limits of the BWST ensure the solution in the RB Emergency sump following a LOCA is within a specified pH range.

Which ONE of the following completes the statements above?

A. 1. is
   2. Level

B. 1. is
   2. boron concentration

C. 1. is NOT
   2. Level

D. 1. is NOT
   2. boron concentration

Question: 88
(1 point)

Given the following Unit 1 conditions:

Initial conditions:

- LOHT tab is in progress
- CBP feed is providing feed to both SGs
- The DC breaker to the TD EFDW pump Auxiliary Oil Pump tripped
- An Auxiliary Operator (AO) has been dispatched to manually start the TD EFDW pump

Current conditions:

- The AO is unsuccessful in starting the TD EFDW pump
- Unit 2 EFDW is aligned in accordance with Rule 3 (Loss of Main or Emergency FDW) and is supplying Unit 1 SGs

1) When the TD EFDW pump Auxiliary Oil pump failed, __(1)__ failed to open.

2) Based on current conditions, the LOHT tab directs you to GO TO the __(2)__ tab.

Which ONE of the following completes the statements above?

A. 1. 1MS-93 (TD EFDWP Steam Supply Trip Valve)
   2. Subsequent Actions

B. 1. 1MS-93 (TD EFDWP Steam Supply Trip Valve)
   2. Forced Cooldown

C. 1. 1MS-95 (TD EFWP Governor Valve)
   2. Subsequent Actions

D. 1. 1MS-95 (TD EFWP Governor Valve)
   2. Forced Cooldown

Question: 89
(1 point)

Given the following plant conditions:

- Unit 1 = 100% power
- Unit 2 = 100% power
- Load center 1X8 is to be powered from LC 2X11 to allow maintenance to be performed

1) In order to prevent powering 1X8 and 2X8 from LC 2X11 at the same time, __(1)__.

2) When in this lineup, REQUIRED ACTIONS of TS 3.8.8 (Electrical Power Systems, Distribution Systems – Operating) __(2)__ required to be performed for Unit 1.

Which ONE of the following completes the statements above?

A. 1. a kirk-key interlock prevents closing the individual breakers to 1X8 and 2X8 at the same time
   2. are

B. 1. a kirk-key interlock prevents closing the individual breakers to 1X8 and 2X8 at the same time
   2. are NOT

C. 1. there is ONLY one breaker in LC 2X11 which is moved to either the 1X8 or 2X8 position to supply that load
   2. are

D. 1. there is ONLY one breaker in LC 2X11 which is moved to either the 1X8 or 2X8 position to supply that load
   2. are NOT

Question: 90
(1 point)

Given the following Unit 1 conditions:

Time = 0800:

- Reactor shutdown in progress
- Reactor power = 28%
- Main Turbine trips due to a loss of power to Electro Hydraulic Control (EHC)

Time = 0801:

- Main steam line break damages 1TC Switchgear
- 'A' LPSW pump trips due to loss of power

1) The loss of panelboard __(1)__ would result in a loss of power to the Main Turbine Electro Hydraulic Control System.

2) At Time = 0801, the EAL classification is an __(2)__.

Which ONE of the following completes the statements above?

REFERENCE PROVIDED

A. 1. 1DIA
   2. Unusual Event

B. 1. 1DIA
   2. Alert

C. 1. 1DP
   2. Unusual Event

D. 1. 1DP
   2. Alert

Question: 91
(1 point)

Given the following Unit 1 conditions:

- Reactor power = 100%
- Pressurizer (Pzr) Level 3 selected
- SASS in MANUAL
- ICCM Train "1B" experiences a total loss of power

1) Due to the loss of power to ICCM Train "1B", 1HP-120 will __(1)__.

2) If power can NOT be restored, TS 3.3.8 (Post Accident Monitoring Instrumentation) __(2)__ require a shutdown within 12 hours.

Which ONE of the following completes the statements above?

REFERENCE PROVIDED

A. 1. close
   2. does

B. 1. close
   2. does NOT

C. 1. open
   2. does

D. 1. open
   2. does NOT

Question: 92
(1 point)

Given the following Unit 1 conditions:

- Reactor power = 100%
- Electrical malfunction results in loss of ALL Control Rod position indications

1) In accordance with Tech Spec 3.1.7 (Position Indicator Channels), the MAXIMUM time allowed to declare all Control Rods inoperable is __(1)__.

2) Assuming indications are NOT restored, Tech Spec 3.1.4 (Control Rod Group alignment limits) __(2)__ require reducing Reactor Power to a MAXIMUM of 60% RTP within 2 hours of declaring all Control Rods inoperable.

Which ONE of the following completes the statements above?

REFERENCE PROVIDED

A. 1. one hour
   2. does

B. 1. one hour
   2. does NOT

C. 1. immediately
   2. does

D. 1. immediately
   2. does NOT

Question: 93
(1 point)

Given the following Unit 1 conditions:

- ICC tab in progress
- Depressurization of both SGs is in progress

1) The MINIMUM CETC which would require entry into the OSAG is __(1)__.

2) In the ICC tab, the RB Aux fans are started to __(2)__ the containment atmosphere.

Which ONE of the following completes the statements above?

A. 1. 700°F
   2. cool

B. 1. 700°F
   2. mix

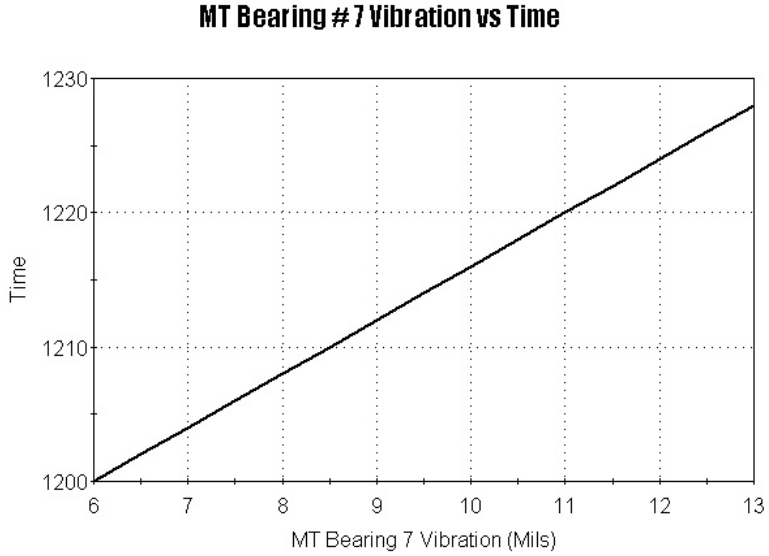
C. 1. 1200°F
   2. cool

D. 1. 1200°F
   2. mix

Question: 94
(1 point)

Given the following Unit 1 conditions:

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



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. OP/1/A/1106/001 (Turbine Generator)

B. 1. 1216
   2. AP/1/A/1700/029 (Rapid Unit Shutdown)

C. 1. 1224
   2. OP/1/A/1106/001 (Turbine Generator)

D. 1. 1224
   2. AP/1/A/1700/029 (Rapid Unit Shutdown)

Question: 95
(1 point)

Given the following Unit 2 conditions:

Initial conditions:

- Refueling in progress
- FTC level = 22 feet above the reactor vessel flange and stable
- No water additions are being made to the system
- 2A LPI train is operable and in service

Current conditions:

- Refueling SRO desires stopping the 2A LPI pump to aid in inserting a fuel assembly
- 2A LPI pump has been in continuous operation for the previous 24 hours

Which ONE of the following describes whether the 2A LPI pump may be stopped in accordance with OP/2/A/1502/007 (Operations Defueling/Refueling Responsibilities) AND the bases for this action?

A. 2A LPI pump may be stopped

Spent Fuel Cooling system provides adequate backup decay heat removal

B. 2A LPI pump may be stopped

Water level 22 feet above the reactor vessel flange provides adequate backup decay heat removal

C. 2A LPI pump may NOT be stopped

Spent Fuel Cooling does NOT provide adequate backup decay heat removal

D. 2A LPI pump may NOT be stopped

Water level 22 feet above the reactor vessel flange does NOT provide adequate backup decay heat removal

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Question: 96
(1 point)

In accordance with AD-EG-ALL-1132 (Preparation and Control of Design Change Engineering Changes):

1) An on-line temporary design change should be removed within __(1)__ from installation.

2) The Operational Control Group (Operations) __(2)__ responsible for maintaining a log of installed changes.

Which ONE of the following completes the statements above?

A. 1. one year
   2. is

B. 1. one year
   2. is NOT

C. 1. thirty days
   2. is

D. 1. thirty days
   2. is NOT

Question: 97
(1 point)

Given the following Unit 2 conditions:

Time = 0800:

- A main steam line break occurred inside containment
- The EHT tab was performed
- The crew transferred to the Forced Cooldown (FCD) Tab

Time = 0830:

- The decision has been made to perform a natural circulation cooldown

Time = 1500:

- RCS temperature = 240°F
- RCS pressure = 250 psig

1) At Time = 1500, the FCD tab directs using the __(1)__ to complete the RCS cooldown.

2) Transition to OP/2/A/1102/010 (Controlling Procedure for Unit Shutdown) is done __(2)__.

Which ONE of the following completes the statements above?

A. 1. Normal Decay Heat Removal Mode
   2. ONLY after the LPI alignment in (1) above is made

B. 1. Normal Decay Heat Removal Mode
   2. to perform the alignment directed in (1) above

C. 1. LPI Series Mode
   2. ONLY after the LPI alignment in (1) above is made

D. 1. LPI Series Mode
   2. to perform the alignment directed in (1) above

Question: 98
(1 point)

Given the following plant conditions:

- Shift is preparing for ONE (1) GWR release of the 1A Gaseous Waste Disposal (GWD) tank at the 1/3 Station Limit
- The release will be through the P/A/C filter
- 1A GWD tank holdup time is 41 days

1) The Shift Manager (SM) __(1)__ the MINIMUM level of authority for approval of the above release in accordance with OP/1-2/A/1104/018 (GWD System).

2) The SLC basis for limiting the Curie content of the GWD Tanks limits Whole Body exposure of an individual at the nearest exclusion boundary to $\leq$ __(2)__.

Which ONE of the following completes the statements above?

A. 1. is
   2. 100 mrem during a planned GWD tank release

B. 1. is
   2. 0.5 Rem in the event of a GWD tank rupture

C. 1. is NOT
   2. 100 mrem during a planned GWD tank release

D. 1. is NOT
   2. 0.5 Rem in the event of a GWD tank rupture

Question: 99
(1 point)

Given the following Unit 1 conditions:

Time = 1200:

- Reactor in MODE 5
- A and B LPSW pumps failed due to a seismic event
- RCS temperature 131°F slowly rising

Time = 1205:

- ALERT declared in accordance with RP/0/A/1000/001 (Emergency Classification)

Time = 1430:

- Plant conditions require escalating the Emergency Plan classification to an SITE AREA EMERGENCY

1) __(1)__ is a condition that will require cross connecting with Unit 3's LPSW system?

2) __(2)__ has the responsibility to upgrade the classification at TIME = 1430 in accordance with the Emergency Coordinator Procedures.

Which ONE of the following completes the statements above?

A. 1. Loss of C LPSW Pump
   2. TSC

B. 1. Loss of C LPSW Pump
   2. SM

C. 1. RCS temperature = 205°F slowly increasing
   2. TSC

D. 1. RCS temperature = 205°F slowly increasing
   2. SM

Question: 100
(1 point)

Given the following site conditions:

- Keowee reservoir elevation is 806 feet
- A Site Area Emergency has been declared due to <u>imminent failure</u> of the Keowee Hydro Dam

1) Anytime that Protective Action Recommendations are required, State and County agencies are required to be notified within a MAXIMUM of __(1)__

2) In accordance with RP/0/A/1000/002 (Control Room Emergency Coordinator Procedure), Protective Action Recommendations __(2)__ required for this event.

Which ONE of the following completes the statements above?

REFERENCE PROVIDED

A. 1. 15 minutes
   2. are

B. 1. 15 minutes
   2. are NOT

C. 1. 1 hour
   2. are

D. 1. 1 hour
   2. are NOT

Examination KEY for: ILT 16-2 ONS SRO NRC Exa

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

Examination KEY for: ILT 16-2 ONS SRO NRC Exa

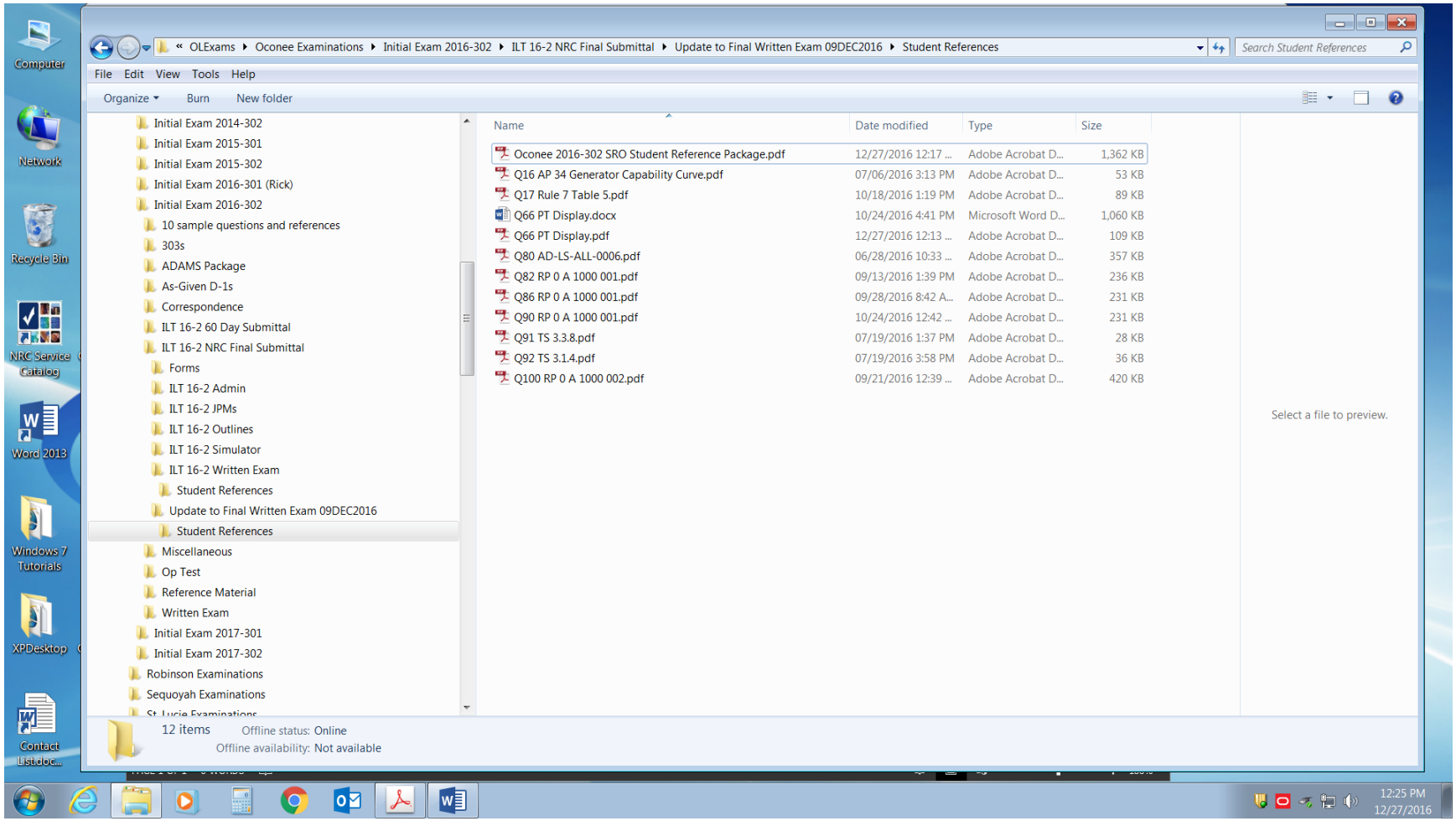
Question Number	*Answer*
26	A
27	B
28	C
29	D
30	A
31	D
32	A
33	C
34	C
35	D
36	C
37	A
38	B
39	C
40	D
41	D
42	A
43	A
44	B
45	C
46	A
47	D
48	C
49	D
50	B

Examination KEY for: ILT 16-2 ONS SRO NRC Exa

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

Examination KEY for: ILT 16-2 ONS SRO NRC Exa

Question Number	*Answer*
76	B
77	A
78	C
79	A
80	C
81	A
82	B
83	C
84	B
85	A
86	C
87	D
88	C
89	C
90	B
91	D
92	C
93	D
94	D
95	B
96	A
97	C
98	D
99	A
100	A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Initial Exam 2015-301
Initial Exam 2015-302
Initial Exam 2016-301 (Rick)
Initial Exam 2016-302
10 sample questions and references
303s
ADAMS Package
As-Given D-1s
Correspondence
ILT 16-2 60 Day Submittal
ILT 16-2 NRC Final Submittal
Forms
ILT 16-2 Admin
ILT 16-2 JPMs
ILT 16-2 Outlines
ILT 16-2 Simulator
ILT 16-2 Written Exam
Student References
Update to Final Written Exam 09DEC2016
Student References
Miscellaneous
Op Test
Reference Material
Written Exam
Initial Exam 2017-301
Initial Exam 2017-302
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Oconee 2016-302 SRO Student Reference Package.pdf 12/27/2016 12:17 ... Adobe Acrobat D... 1,362 KB
Q16 AP 34 Generator Capability Curve.pdf 07/06/2016 3:13 PM Adobe Acrobat D... 53 KB
Q17 Rule 7 Table 5.pdf 10/18/2016 1:19 PM Adobe Acrobat D... 89 KB
Q66 PT Display.docx 10/24/2016 4:41 PM Microsoft Word D... 1,060 KB
Q66 PT Display.pdf 12/27/2016 12:13 ... Adobe Acrobat D... 109 KB
Q80 AD-LS-ALL-0006.pdf 06/28/2016 10:33 ... Adobe Acrobat D... 357 KB
Q82 RP 0 A 1000 001.pdf 09/13/2016 1:39 PM Adobe Acrobat D... 236 KB
Q86 RP 0 A 1000 001.pdf 09/28/2016 8:42 A... Adobe Acrobat D... 231 KB
Q90 RP 0 A 1000 001.pdf 10/24/2016 12:42 ... Adobe Acrobat D... 231 KB
Q91 TS 3.3.8.pdf 07/19/2016 1:37 PM Adobe Acrobat D... 28 KB
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