ILT16 CNS SRO NRC Examination

Question: 76

(1 point)

Given the following conditions on Unit 2:

- Unit initially operating at 100% RTP
- Containment pressure rapidly increased to 3.4 PSIG
- 2B S/G completely depressurized
- Automatic reactor trip did not occur and manual trip from the control room was unsuccessful
- OATC is manually inserting control rods per EP/2/A/5000/FR-S.1 (Response to Nuclear Power Generation/ATWS)

Current conditions:

- While inserting rods, the OATC notes the following:
 - DRPI indication for Control Bank 'D' rod M4 is YELLOW with a DATA 'B' indication above the rod
 - DRPI indication for rod M4 indicates 198 steps
 - Demand position counters for Groups 1 & 2 are blinking with position indication of 210 steps

When reactor shutdown has been verified, the NEXT required procedure transition from FR-S.1 is to GO TO(2)		

ILT16 CNS SRO NRC Examination

Question: 77
(1 point)

Given the following conditions on Unit 2:

- Operating crew is in EP/2/A/5000/E-3 (Steam Generator Tube Rupture)
- Initial cooldown of the NC system to the target CET temperature has just been completed

In accordance with the E-3 basis document, the purpose of the initial cooldown of the NC system is to establish a MINIMUM of ____(1)____ of subcooling, including allowances for subcooling uncertainties.

If the above amount of subcooling cannot be maintained after the cooldown is stopped, E-3 requires the operators to GO TO ____(2)___.

Procedure Legend:

- EP/2/A/5000/ECA-3.1 (SGTR With Loss of Reactor Coolant Subcooled Recovery Desired)
- EP/2/A/5000/ECA-3.2 (SGTR With Loss of Reactor Coolant Saturated Recovery Desired)

Which ONE (1) of the following completes the statements above?

- A. 1.0°F
 - 2. ECA-3.1
- B. 1.0°F
 - 2. ECA-3.2
- C. 1. 20 °F
 - 2. ECA-3.1
- D. 1. 20 °F
 - 2. ECA-3.2

ILT16 CNS SRO NRC Examination

Question: 78

(1 point)

Given the following conditions on Unit 2:

- A loss of all main feedwater occurred from 100% RTP
- The crew has transitioned to EP/2/A/5000/FR-H.1 (Loss of Secondary Heat Sink)
- Containment pressure is 3.2 PSIG and slowly increasing
- NC System Bleed and Feed has been established

Subsequently:

- 2B CA pump is started
- Total CA flow is currently 400 GPM
- 2D S/G N/R level is 27% and slowly increasing
- All other S/G W/R levels are 15% and slowly decreasing
- CET temperatures and NC system T-hots are decreasing

	on the given conditions, the heat sink criteria to terminate NC system bleed and(1) met; AND
	perators have terminated NC system Bleed and Feed, the NEXT required ural transition from FR-H.1 is to GO TO(2)
Which	ONE (1) of the following completes the statements above?
A.	 is EP/2/A/5000/E-1 (Loss of Reactor or Secondary Coolant)
B.	 is NOT EP/2/A/5000/E-1 (Loss of Reactor or Secondary Coolant)
C.	 is EP/2/A/5000/ES-1.1 (Safety Injection Termination)
D.	 is NOT EP/2/A/5000/ES-1.1 (Safety Injection Termination)

ILT16 CNS SRO NRC Examination

Question: 79

(1 point)

Given the following initial conditions on Unit 1:

- The crew is performing EP/1/A/5000/ECA-0.0 (Loss of All AC Power)
- The Standby Makeup Pump is ON
- The crew was NOT able to start EITHER Diesel Generator
- It is desired to align Unit 1 alternate power to 1ETA through SATA

Given the following **current** conditions on Unit 1:

- The crew is at step 45 of ECA-0.0 "Select recovery procedure as follows:"
- NCS subcooling is 8°F
- Pzr level is 4% and decreasing slowly
- 1NI-9A (NV Pmp C/L Inj Isol) and 1NI-10B (NV Pmp C/L Inj Isol) are both CLOSED

Based on the initial conditions,	ECA-0.0 required that the	rew REFER TO
(1)		

Based on the <u>current</u> conditions, ECA-0.0 requires that the crew GO TO ____(2)____.

PROCEDURE LEGEND:

- AP/1/A/5500/007 (Loss of Normal Power)
- EP/1/A/5000/ECA-0.1 (Loss of All AC Power Recovery Without S/I Required)
- EP/1/A/5000/ECA-0.2 (Loss of All AC Power Recovery With S/I Required)

Which ONE (1) of the following completes the statements above?

- A. 1. ECA-0.0 Enclosure 9 (Aligning Unit 1 Alternate Power to 1ETA (SATA))
 - 2. ECA-0.1
- B. 1. AP/007 Enclosure 5 (Aligning Alternate Power to 1ETA)
 - 2. ECA-0.1
- C. 1. ECA-0.0 Enclosure 9 (Aligning Unit 1 Alternate Power to 1ETA (SATA))
 - 2. ECA-0.2
- D. 1. AP/007 Enclosure 5 (Aligning Alternate Power to 1ETA)
 - 2. ECA-0.2

ILT16 CNS SRO NRC Examination

Question: 80

(1 point) AP/1/A/5500/029 (Loss of Vital or Aux Control Power) states that vital batteries are capable of carrying their associated loads for at least _____(1)____ hours. The basis of Tech Spec 3.8.6 (Battery Cell Parameters) states that the operability of the DC subsystems "includes maintaining at least ONE _____(2)____ of DC sources OPERABLE during accident conditions." Which ONE (1) of the following completes the statements above? A. 1. two 2. channel B. 1. two 2. train 1. three C. 2. channel 1. three D. 2. train

ILT16 CNS SRO NRC Examination

Question: 81

Given	the following conditions on Unit 1:
•	The unit is at 100% RTP The TCC has reported that "Real Time Contingency Analysis" (RTCA) indicates INADEQUATE switchyard voltage The crew has entered AP/1/A/5500/037 (Generator Voltage and Electric Grid Disturbances) Main Generator operating conditions are as follows Hydrogen Pressure (psig) Generator WARS MVARS 1200
	ed on the given conditions, AP/37 FIRST requires the crew to attempt to lower(1)
AP/3	7 states that <u>WHEN</u> jumpers are installed per AM/1/A/5100/008 (4Kv Essential er (EPC) System Degraded Voltage Logic), <u>THEN</u> Unit 1(2) exit LC((AC Sources) due to both trains of offsite power being inoperable.
AP/3 Powe 3.8.1	er (EPC) System Degraded Voltage Logic), <u>THEN</u> Unit 1(2) exit LCC
AP/3 Powe 3.8.1	er (EPC) System Degraded Voltage Logic), <u>THEN</u> Unit 1(2) exit LCC (AC Sources) due to both trains of offsite power being inoperable.
AP/3 Powe 3.8.1	er (EPC) System Degraded Voltage Logic), <u>THEN</u> Unit 1(2) exit LCC (AC Sources) due to both trains of offsite power being inoperable. The ONE (1) of the following completes the statements above?
AP/3 Powe 3.8.1 Whice	er (EPC) System Degraded Voltage Logic), THEN Unit 1(2) exit LCC (AC Sources) due to both trains of offsite power being inoperable. Ch ONE (1) of the following completes the statements above? **REFERENCE PROVIDED** 1. generator voltage
AP/3 Powe 3.8.1 Whice	er (EPC) System Degraded Voltage Logic), THEN Unit 1(2)exit LCC (AC Sources) due to both trains of offsite power being inoperable. Ch ONE (1) of the following completes the statements above? **REFERENCE PROVIDED** 1. generator voltage 2. can 1. generator voltage

ILT16 CNS SRO NRC Examination

Question: 82
(1 point)

Given the following initial conditions:

• Unit 1 is at 4% RTP

Subsequently:

- The following annunciators are lit:
 - 1AD-2 F/9 "DCS ALTERNATE ACTION"
 - o 1AD-2 F/10 "DCS TROUBLE"
 - o 1AD-6 A/9 "PZR HI LEVEL ALERT"
 - o 1AD-6 B/9 "PZR HI LEVEL"
- Pressurizer Level Channels indicate as follows:
 - o PZR Lvl Channel I 100%
 - PZR Lvl Channel II 25%
 - o PZR Lvl Channel III 93%

In accordance with Tech Spec 3.3.1 (Reactor Trip System (RTS) Instrumentation) Bases, an automatic Reactor Trip(1) occurred because(2)		
Which ONE (1) of the following completes the statement above?		
A.	 has any liquid water release through PZR Safeties should be prevented 	
B.	 has reactor coolant system pressure control may be challenged by repetitive cycling of PZR PORVs 	
C.	 has NOT design analysis demonstrated that a single channel of PZR spray was sufficient to mitigate the full range of postulated accidents 	
D.	 has NOT the operator will have sufficient time to evaluate conditions and take corrective actions 	

ILT16 CNS SRO NRC Examination

Question: 83
(1 point)

Given the following indications on Unit 2:

- Unit is operating at 100% power
- 2EMF-53A (Containment Hi Range) is OPERABLE
- RP has just notified the CRS that 2EMF-53B (Containment Hi Range) is not functioning

The MINIMUM requirements of Tech Spec 3.3.3 (Post Accident Monitoring (PAM) Instrumentation) for the Containment Area Radiation (High Range) Function(1) met.
Tech Spec 3.3.3 bases states that diversity and backup information for this function is provided by(2) or by sampling and analysis.
EMF Legend:
 2EMF-38 (Containment Particulate) 2EMF-39 (Containment Gas – Low Range)
Which ONE (1) of the following completes the statements above?

- A. 1. are NOT
 - 2. portable instrumentation
- B. 1. are
 - 2. portable instrumentation
- C. 1. are NOT
 - 2. 2EMF-38 and 2EMF-39
- D. 1. are
 - 2. 2EMF-38 and 2EMF-39

ILT16 CNS SRO NRC Examination

Question: 84

(1 point)

Given the following conditions on Unit 1:

- A LOCA has occurred
- Containment pressure peaked at 2.6 PSIG
- Subcooling based on CETs is -5°F on the ICCM monitor
- Crew has transitioned to EP/1/A/5000/ES-1.2 (Post LOCA Cooldown & Depressurization)
- The CRS has reached step 28, which requires the operators to depressurize the NC system

In accordance with ES-1.2 and based on the given conditions, the method used for depressurization will be(1) In accordance with the ES-1.2 background document, the purpose of this depressurization step is to(2) Which ONE (1) of the following completes the statements above? A. 1. Normal Spray 2. increase NV S/I flow B. 1. a Pressurizer PORV 2. increase NV S/I flow C. 1. Normal Spray 2. minimize break flow D. 1. a Pressurizer PORV 2. minimize break flow	Per ES	-1.2 and its background document:
depressurization step is to(2) Which ONE (1) of the following completes the statements above? A. 1. Normal Spray 2. increase NV S/I flow B. 1. a Pressurizer PORV 2. increase NV S/I flow C. 1. Normal Spray 2. minimize break flow D. 1. a Pressurizer PORV		
A. 1. Normal Spray 2. increase NV S/I flow B. 1. a Pressurizer PORV 2. increase NV S/I flow C. 1. Normal Spray 2. minimize break flow D. 1. a Pressurizer PORV		
2. increase NV S/I flow B. 1. a Pressurizer PORV 2. increase NV S/I flow C. 1. Normal Spray 2. minimize break flow D. 1. a Pressurizer PORV	Which (ONE (1) of the following completes the statements above?
increase NV S/I flow 1. Normal Spray 2. minimize break flow 1. a Pressurizer PORV	A.	
2. minimize break flowD. 1. a Pressurizer PORV	B.	
	C.	· ·
	D.	

ILT16 CNS SRO NRC Examination

Question: 85

(1 point)

Given the following conditions on Unit 1:

- A loss of offsite power has occurred
- Crew is performing EP/1/A/5000/ES-0.2 (Natural Circulation Cooldown)
- The TSC has notified the crew that plant conditions require a cooldown at 75°F/hour

Based (EP/1/A	on the given conditions, the CRS(1) required to transition to /5000/ES-0.3 (Natural Circulation Cooldown with Steam Void in Vessel).	
Per the ES-0.3 background document, the basis for maintaining reactor vessel upper range level > 68% is to ensure(2)		
Which ONE (1) of the following complete the statements above?		
A.	 is NOT optimal conditions are maintained for reflux boiling mode of heat transfer 	
B.	is NOT natural circulation is not disrupted	
C.	 is optimal conditions are maintained for reflux boiling mode of heat transfer 	
D.	 is natural circulation is not disrupted 	

ILT16 CNS SRO NRC Examination

Question: 86 (1 point)

Given the following conditions on Unit 2:

- Unit is at 100% RTP
- Containment Pressure Channel Two has failed low
- All required Tech Spec actions have been completed

Subsequently:

 A faulty Containment Pressure bistable has initiated an automatic Reactor Trip and automatic Safety Injection

	ulty bistable initiating this event was associated with Containment Pressure el(1)
	on the given conditions, the procedural steps to terminate SI and establish charging are located in procedure(2)
Which	ONE (1) of the following completes the statements above?
A.	 One EP/2/A/5000/E-0 (Reactor Trip or Safety Injection)
B.	 One EP/2/A/5000/ES-1.1 (Safety Injection Termination)
C.	 Four EP/2/A/5000/E-0 (Reactor Trip or Safety Injection)
D.	 Four EP/2/A/5000/ES-1.1 (Safety Injection Termination)

ILT16 CNS SRO NRC Examination

Question: 87 (1 point)

Given the following conditions on Unit 1:

- Stable at 100% RTP, no equipment INOPERABLE
- Main Turbine Load is 1220 MW

Subsequently:

- 1D S/G PORV (1SV-1) begins to fail OPEN
- Attempts to close 1SV-1 have failed
- NI power is 101%
- 1SV-25B (S/G 1D PORV Isol) is closed to isolate the failed S/G PORV
- 1SV-1 indicates full OPEN

	NI power was at 101% due to the throttled open S/G PORV, main turbine load 1) less than 1220 MW.		
Based on the above conditions, 1D S/G PORV line(2)OPERABLE in accordance with Tech Spec 3.7.4 (Steam Generator Power Operated Relief Valves (S/G PORVs)).			
Which ONE (1) of the following completes the statements above?			
A.	1. was 2. is		
B.	1. was 2. is NOT		
C.	1. was NOT2. is		
D.	 was NOT is NOT 		

ILT16 CNS SRO NRC Examination

Question (1 point)	: 88
Given	the following conditions on Unit 1:
•	Unit was at 100% RTP with no equipment out of service
Subse	quently:
•	An electrical fault causes bus 1EDE to de-energize
Given	the following:
	Tech Spec 3.8.1 (AC Sources) Condition F (One Automatic load sequencer inoperable) Tech Spec 3.8.9 (Distribution Systems – Operating) Condition D (One train of DC electrical power distribution subsystems inoperable)
Per th	e applicable <u>Tech Spec bases</u> :
The A	CTIONS of LCO 3.8.1 Condition F(1) required to be performed.
The A	CTIONS of LCO 3.8.9 Condition D(2) required to be performed.
Which MININ	ONE (1) of the following completes the statements above regarding the IUM required conditions and actions?
A.	1. are 2. are
B.	1. are 2. are NOT
C.	 are NOT are
D.	 are NOT are NOT

ILT16 CNS SRO NRC Examination

Questio (1 point)	n: 89
Giver	n the following conditions on Unit 1:
•	Unit is at 100% RTP 1ECS is in standby with power aligned from 1EMXA
Subs	equently:
•	1ECB DC output breaker has opened In accordance with AP/1/A/5500/029 (Loss of Vital or Aux Control Power), the CRS is directing alignment of 1ECS to 1EDB
AP/2 to 1E	9(1) require swapping the power supply to 1ECS prior to aligning it DB.
Once met.	e 1ECS is aligned to 1EDB, LCO 3.8.4 (DC sources – Operating)(2)
Whic	ch ONE (1) of the following completes the statements above?
A.	1. does NOT2. is
B.	1. does 2. is
C.	 does NOT is NOT
D.	1. does 2. is NOT

ILT16 CNS SRO NRC Examination

Question: 90 (1 point) Given the following conditions on Unit 2: • Unit is at 50% power following a refueling outage An AO on rounds contacts the WCC and reports that the lower containment annulus door is open and braced in such a way that it cannot be closed without maintenance support LCO 3.0.3 _____(1) ____ required to be entered. The requirements of LCO 3.6.16 (Reactor Building) _____(2)____ required to be met in Mode 4. Which ONE (1) of the following completes the statements above? A. 1. is NOT 2. are NOT 1. is B. 2. are NOT C. 1. is NOT 2. are 1. is D. 2. are

ILT16 CNS SRO NRC Examination

Questio (1 point)	on: 91
Give	n the following conditions on Unit 1:
•	Unit operating at 100% RTP Maintenance has just completed surveillance testing of 'A' train Hydrogen
•	Igniters Maintenance reports 2 of the 35 'A' train Hydrogen Igniters failed the surveillance
Base	ed on the given conditions, the 'A' train Hydrogen Igniters are(1)
The	Hydrogen Ignition System(2) required to be operable in Mode 3.
Whic	ch ONE (1) of the following completes the statements above?
A.	1. INOPERABLE 2. is
B.	1. INOPERABLE 2. is NOT
C.	1. OPERABLE 2. is
D.	1. OPERABLE 2. is NOT

ILT16 CNS SRO NRC Examination

Question: 92 (1 point) Given the following conditions on Unit 1: Crew is performing a Reactor Startup per PT/0/A/4150/019 (1/M Approach to Criticality) Power history is 100 EFPD • 6 minutes have elapsed since the last rod pull • The following indications are observed during the startup: **13 CPS** Initial S/R count rate -950 CPS and increasing Current S/R count rate -0.2 DPM and stable o S/R SUR - Calculated ECP ECP Lower Limit Current rod position 100 Steps withdrawn on Control Bank 'C'
 30 Steps withdrawn on Control Bank 'C' 100 Steps withdrawn on Control Bank 'D' Based on the above conditions and in accordance with Tech Spec 3.1.6 (Control Bank Insertion Limits) Bases, required Shutdown Margin (SDM) _____(1) ____ exist. In accordance with PT/0/A/4150/019, operators are required to insert _____(2)____. Which ONE (1) of the following completes the statements above? REFERENCE PROVIDED Α. 1. does 2. Control Banks ONLY B. 1. does NOT 2. Control Banks ONLY 1. does C. 2. ALL Control and Shutdown Banks 1. does NOT D. 2. ALL Control and Shutdown Banks

ILT16 CNS SRO NRC Examination

Question: 93

(1 point)

Given the following conditions on Unit 1:

- A runback has occurred from 100% RTP due to 1A CFPT tripping
- OATC notes the following control room indications after the plant is stable:
 - o Control Bank D step demand counters read 146 steps
 - Control Bank D rod M4 DRPI indicates "GREEN" at 156 steps
 - All other Control Bank D rods DRPI indicate "GREEN" at 144 steps
 - DRPI background color is "ORANGE"
- Maintenance has determined that rod M4 is "IMMOVABLE" due to a control malfunction, but is "TRIPPABLE"

In acco	ordance with Tech Spec 3.1.4 (Rod Group Alignment Limits) Bases:
The MII	NIMUM rod deviation assumed in the safety analysis is(1)
Based	on the given conditions, rod M4 is(2)
Which	ONE (1) of the following completes the statements above?
A.	 7.5 inches OPERABLE
B.	 1. 15.0 inches 2. OPERABLE
C.	 7.5 inches INOPERABLE
D.	1. 15.0 inches 2. INOPERABLE

ILT16 CNS SRO NRC Examination

Question: 94

(1 point)

Given the following conditions on Unit 2:

- Refueling is in progress
- NC W/R Level is 98% and stable
- No water additions are being made to the system
- 2A ND train is OPERABLE and has been in continuous operation for the previous 24 hours
- 2B ND train is INOPERABLE

Subsequently:

- Fuel Handling SRO desires stopping the 2A ND Pump to aid in inserting a fuel assembly
- Fuel Handling SRO expects to restart the 2A ND pump in approximately 15 minutes, after the fuel assembly is verified inserted

Based	on the given conditions, and in accordance with the appropriate Tech Spec:
When to	he 2A ND pump is stopped, the crew(1) required to enter one or ech Spec CONDITIONs/REQUIRED ACTIONs.
Tech S becaus	pec bases states that only one RHR loop is required to be OPERABLE, e(2) provides adequate backup decay heat removal capablity.
Which	ONE (1) of the following completes the statements above?
A.	 is NOT the volume of water above the reactor vessel flange
B.	 is the volume of water above the reactor vessel flange
C.	 is NOT the Spent Fuel Cooling system
D.	 is the Spent Fuel Cooling system

ILT16 CNS SRO NRC Examination

	estion:	95
-	During a	an outage:
	Defense	e in Depth (DID) sheets are <u>first</u> REQUIRED for risk management once 1) is reached during the shutdown.
	operab	int Condition Mode Change (PCMC) reports(2) intended to track ility of structures, systems, or components (SSC) required by Technical cations (TS) or Selected License Commitments (SLC).
	Which	ONE (1) of the following completes the statements above?
	A.	1. Mode 3 2. are NOT
	B.	1. Mode 3 2. are
	C.	1. Mode 4 2. are NOT
	D.	1. Mode 4 2. are

ILT16 CNS SRO NRC Examination

Question: 96 (1 point)

Given the following conditions on Unit 1:

- Unit is at 100% RTP
- 1EMF-33 (CSAE EXHAUST HI RAD) is in Trip 2 alarm
- 1EMF-71 (S/G A LEAKAGE HI RAD) is in Trip 2 alarm
- Pressurizer level has been stabilized using AP/1/A/5500/010 (Reactor Coolant Leak)
- Letdown flow is 45 GPM
- Charging flow is 78 GPM

	AXIMUM time that AP/10 allows for the unit to reach MODE 3 for the conditions ed is(1)
in acco	ordance with SLC 16.7-9 (Standby Shutdown System (SSS)) Condition B (Total ulative LEAKAGE), the Standby Makeup Pump is(2)
Which	ONE (1) of the following completes the statements above?
A.	 3 hours NON-FUNCTIONAL
B.	1. 3 hours2. FUNCTIONAL
C.	1. 6 hours 2. NON-FUNCTIONAL
D.	1. 6 hours 2. FUNCTIONAL

ILT16 CNS SRO NRC Examination

Question: 97
(1 point)

Given the following conditions:

- A General Emergency has been declared
- An AO must be dispatched from the Operations Support Center to an area with an identified radiation field of 110 R/hr in order to isolate the pathway for a large release to the environment
- The operator will be in the area for 15 minutes

In accor	rdance with RP/0/A/5000/018 (Emergency Worker Dose Extension), the AO d to perform this isolation(1)required to be a volunteer.
	-RP-ALL-4012 (Planned Special Exposure), this job(2) ered a Planned Special Exposure (PSE).
Which (ONE (1) of the following completes the statements above?
A.	1. is 2. is
B.	1. is NOT 2. is
C.	1. is 2. is NOT
D.	1. is NOT 2. is NOT

ILT16 CNS SRO NRC Examination

Question: 98 (1 point)

Given the following conditions on Unit 2:

- Unit 2 is responding to a large LOCA with 10% failed fuel
- The SM has determined that manual alignment of 2NI-184B is required to protect valuable property
- RP projects that expected dose rate in the area of the valve is 120 R/hr

Extension	AXIMUM time limit allowed per RP/0/A/5000/018 (Emergency Worker Dose on) to meet the allowed Total Effective Dose Equivalent (TEDE) dose, with ary extensions applied, for manually opening 2NI-184B is(1) minutes. ard any dose received in transit to and from 2NI-184B)
met, the	rdance with RP/018 and considering all other administrative requirements are e Emergency Coordinator or(2) is authorized to approve the ency Exposure.
Which (ONE (1) of the following completes the statements above?
A.	1. 12.52. EOF Director
B.	 1. 12.5 2. RP Manager
C.	 5.0 EOF Director
D.	 5.0 RP Manager

ILT16 CNS SRO NRC Examination

Question: 99

(1 point)

Given the following conditions on Unit 1:

- A Large Break LOCA has occurred
- Containment pressure is 16 PSIG
- EP/1/A/5000/FR-Z.1 (Response To Containment High Pressure) has been entered
- Both trains of ECCS are aligned for Cold Leg Recirculation
- 1A NS pump is in service providing Containment Spray

In accor	rdance with FR-Z.1:
	in of ND may be aligned for Aux Containment Spray provided that the time since CA began is greater than a MINIMUM of(1) minutes.
after the	sis for allowing one train of ND to be used for Aux Containment Spray is that, above time limit, adequate ECCS flow via Cold Leg Recirc is provided by a rain of(2)
Which (ONE (1) of the following completes the statements above?
A.	1. 50 2. NV <u>OR</u> NI
B.	1. 90 2. NV <u>OR</u> NI
C.	1. 50 2. NV <u>AND</u> NI
D.	1. 90 2. NV <u>AND</u> NI

ILT16 CNS SRO NRC Examination

Question: 100

(1 point)

Given the following c	onditions on	Unit 1:
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- Initially operating at 100% RTP when a LOCA occurs
- Pressurizer level is 0% and stable
- Containment pressure is 1.3 PSIG and increasing
- Lower containment humidity is 70% and increasing
- Subcooling is (-) 10°F and decreasing
- The BOP notes indications shown on Attachments 1 & 2

The initial classification per RP/0/A/5000/001 (Classification of Emergency) is(1)	
Emergency Notification Form Line 6 release "Is Occurring" block(2)required to be checked.	_

Which ONE (1) of the following completes the statements above?

REFERENCE PROVIDED

- A. 1. 4.1.A.1 2. is NOT
- B. 1. 4.1.S.3 2. is NOT
- C. 1. 4.1.A.1
 - 2. is
- D. 1. 4.1.S.3
 - 2. is

References Provided on Catawba 2016-301 SRO-Only Written Exam:

- 1. Full copy of procedure RP/o/A/5000/001, "Classification of Emergency," revision 036 (all pages).
- 2. Copy of Figure 3, "Control Bank Insertion Limits Versus Percent Rated Thermal Power," of the Catawba 1 Cycle 23 Core Operating Limits Report (CNEI-04000-292) revision 001, page 12 of 31.
- 3. Redacted copy of Figure 43, "Generator Capability Curves," from the [Catawba] Unit 1 Data Book.

ILT 2016 - NRC SRO Written Exam Answer Key

A	ပ	ပ	O	В	8	O	В	D	D	ပ	В	U	8	D	В	æ	8	A	၁	A	ပ	ပ	ပ	D
92	77	78	79	80	81	82	83	84	85	98	87	88	68	06	91	92	93	94	95	96	26	86	66	100
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В	82	А	D	А	၁	Q	၁	၁	В	æ	A	A	ပ	A	80	В	D	၁	၁	8	D	၁	8	۵
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