Facility:	ILT Cla	ass 0	8-01	NRC		Dat	e of	Exan	ı:									
					RO Ł	(/A (Categ	ory F	oints	3				SF	RO-0	nly P	oints	
Tier	Group	K 1	K 2	K 3	K 4	K 5	K 6	A 1	A 2	A 3	A 4	G *	Total	A	.2	G	*	Total
1.	1	5	2	3				4	3			3	20	4	4		3	7
Emergency &	2	2	1	1				1	1			1	7		1	2	2	3
Plant Evolutions	Tier Totals	7	3	4		L	L	5	4	L		4	27	į	5	5	0	10
	1	2	2	2	3	2	3	2	2	2	3	3	26	;	3	2	2	5
2. Plant	2	2	1	1	2	1	1	0	1	1	1	1	12	0	1		2	3
Systems	Tier Totals	4	3	3	5	3	4	2	3	3	4	4	38	4	4	2	1	8
3. Generic K	nowledge	e & <i>A</i>	Abilit	ies	1		2	2	3	3	2	1	10	1	2	3	4	7
(Categorie	S				2		3		2		3	10	2	2	2	1	/

- Note: 1. Ensure that at least two topics from every applicable K/A category are sampled within each tier of the RO and SRO-only outlines (i.e., except for one category in Tier 3 of the SRO-only outline, the "Tier Totals" in each K/A category shall not be less than two).
 - 2. The point total for each group and tier in the proposed outline must match that specified in the table. The final point total for each group and tier may deviate by ±1 from that specified in the table based on NRC revisions. The final RO exam must total 75 points and the SRO-only exam must total 25 points.
 - 3. Systems/evolutions within each group are identified on the associated outline; systems or evolutions that do not apply at the facility should be deleted and justified; operationally important, site-specific systems that are not included on the outline should be added. Refer to section D.1.b of ES-401, for guidance regarding elimination of inappropriate K/A statements.
 - 4. Select topics from as many systems and evolutions as possible; sample every system or evolution in the group before selecting a second topic for any system or evolution.
 - 5. Absent a plant specific priority, only those KAs having an importance rating (IR) of 2.5 or higher shall be selected. Use the RO and SRO ratings for the RO and SRO-only portions, respectively.
 - 6. Select SRO topics for Tiers 1 and 2 from the shaded systems and K/A categories.
 - 7.* The generic (G) K/As in Tiers 1 and 2 shall be selected from Section 2 of the K/A Catalog, but the topics must be relevant to the applicable evolution or system. Refer to Section D.1.b of ES-401 for the applicable K/A's
 - 8. On the following pages, enter the K/A numbers, a brief description of each topic, the topics' importance ratings (IR) for the applicable license level, and the point totals (#) for each system and category. Enter the group and tier totals for each category in the table above. If fuel handling equipment is sampled in other than Category A2 or G* on the SRO-only exam, enter it on the left side of Column A2 for Tier 2, Group 2 (Note #1 does not apply). Use duplicate pages for RO and SRO-only exams.
 - 9. For Tier 3, select topics from Section 2 of the K/A Catalog, and enter the K/A numbers, descriptions, IRs, and point totals (#) on Form ES-401-3. Limit SRO selections to K/As that are linked to 10CFR55.43

ILT Class 08-01 NRC Written Examination Outline Emergency and Abnormal Plant Evolutions – Tier 1 Group 1

EAPE # / Name Safety Function	K1	K2	К3	A1	A2	G	K/A Topic(s)	Imp.	Q#	l
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295003 Partial or Complete Loss of AC / 6				X		AA2.03 - Ability to determine and/or interpret the following as they apply to PARTIAL OR COMPLETE LOSS OF A.C. POWER: Battery status: Plant-Specific	3.5	76
295030 Low Suppression Pool Water Level / 5				Х		EA2.01 - Ability to determine and/or interpret the following as they apply to LOW SUPPRESSION POOL WATER LEVEL: Suppression pool level	4.2	77
295005 Main Turbine Generator Trip / 3				Х		AA2.04 - Ability to determine and/or interpret the following as they apply to MAIN TURBINE GENERATOR TRIP : Reactor pressure	3.8	78
295023 Refueling Acc Cooling Mode / 8					X	2.2.37 - Equipment Control: Ability to determine operability and / or availability of safety related equipment.	4.6	79
295021 Loss of Shutdown Cooling / 4					Х	2.2.37 - Equipment Control: Ability to determine operability and / or availability of safety related equipment.	4.6	80
295004 Partial or Total Loss of DC Pwr / 6					x	2.2.44 - Equipment Control: Ability to interpret control room indications to verify the status and operation of a system, and understand how operator actions and directives effect plant and system conditions.	4.4	81
295006 SCRAM / 1				X		AA2.01 - Ability to determine and/or interpret the following as they apply to SCRAM : Reactor power	4.6	82
295005 Main Turbine Generator Trip / 3	х					AK1.03 - Knowledge of the operational implications of the following concepts as they apply to MAIN TURBINE GENERATOR TRIP: Pressure effects on reactor level	3.5	39
295037 SCRAM Conditions Present and Reactor Power Above APRM Downscale or Unknown / 1	х					EK1.01 - Knowledge of the operational implications of the following concepts as they apply to SCRAM CONDITION PRESENT AND REACTOR POWER ABOVE APRM DOWNSCALE OR UNKNOWN: Reactor pressure effects on reactor power	4.1	40
295026 Suppression Pool High Water Temp. / 5	х					EK1.01 - Knowledge of the operational implications of the following concepts as they apply to SUPPRESSION POOL HIGH WATER TEMPERATURE: Pump NPSH	3.0	41
295018 Partial or Total Loss of CCW / 8		Х				AK2.02 - Knowledge of the interrelations between PARTIAL OR COMPLETE LOSS OF COMPONENT COOLING WATER and the following: Plant operations	3.4	42
295025 High Reactor Pressure / 3	х					EK1.05 - Knowledge of the operational implications of the following concepts as they apply to HIGH REACTOR PRESSURE : Exceeding safety limits	4.4	43
295031 Reactor Low Water Level / 2		Х				EK2.02 - Knowledge of the interrelations between REACTOR LOW WATER LEVEL and the following: Reactor pressure	3.8	44
295016 Control Room Abandonment / 7			х			AK3.01 - Knowledge of the reasons for the following responses as they apply to CONTROL ROOM ABANDONMENT : Reactor SCRAM	4.1	45

ILT Class 08-01 NRC Written Examination Outline Emergency and Abnormal Plant Evolutions – Tier 1 Group 1

EAPE # / Name Safety Function	K1	K2	К3	A1	A2	G	K/A Topic(s)	Imp.	Q#
295005 Main Turbine Generator Trip / 3			x				AK3.02 - Knowledge of the reasons for the following responses as they apply to MAIN TURBINE GENERATOR TRIP: Recirculation pump downshift/trip: Plant-Specific	3.4	46
295001 Partial or Complete Loss of Forced Core Flow Circulation / 1 & 4			x				AK3.03 - Knowledge of the reasons for the following responses as they apply to PARTIAL OR COMPLETE LOSS OF FORCED CORE FLOW CIRCULATION : Idle loop flow	2.8	47
700000 Generator Voltage and Electric Grid Disturbances				x			AA1.05 - Ability to operate and/or monitor the following as they apply to GENERATOR VOLTAGE AND ELECTRIC GRID DISTURBANCES: Engineered safety features.	3.9	48
295006 SCRAM / 1				х			AA1.01 - Ability to operate and/or monitor the following as they apply to SCRAM : RPS	4.2	49
295003 Partial or Complete Loss of AC / 6				х			AA1.04 - Ability to operate and/or monitor the following as they apply to PARTIAL OR COMPLETE LOSS OF A.C. POWER: D.C. electrical distribution system	3.6	50
295028 High Drywell Temperature / 5					х		EA2.05 - Ability to determine and/or interpret the following as they apply to HIGH DRYWELL TEMPERATURE : Torus/suppression chamber pressure: Plant-Specific	3.6	51
295004 Partial or Total Loss of DC Pwr / 6					Х		AA2.03 - Ability to determine and/or interpret the following as they apply to PARTIAL OR COMPLETE LOSS OF D.C. POWER: Battery voltage	2.8	52
295038 High Off-site Release Rate / 9					Х		EA2.03 - Ability to determine and/or interpret the following as they apply to HIGH OFF-SITE RELEASE RATE: Radiation levels	3.5	53
295004 Partial or Total Loss of DC Pwr / 6						Х	2.1.28 - Conduct of Operations: Knowledge of the purpose and function of major system components and controls.	4.1	54
295025 High Reactor Pressure / 3						Х	2.1.32 - Conduct of Operations: Ability to explain and apply all system limits and precautions.	3.8	55
295025 High Reactor Pressure / 3						Х	2.2.42 - Equipment Control:: Ability to recognize system parameters that are entry-level conditions for Technical Specifications.	3.9	56
295023 Refueling Acc Cooling Mode / 8	Х						AK1.02 - Knowledge of the operational implications of the following concepts as they apply to REFUELING ACCIDENTS : Shutdown margin	3.2	57
700000 Generator Voltage and Electric Grid Disturbances				Х			AA1.03 - Ability to operate and/or monitor the following as they apply to GENERATOR VOLTAGE AND ELECTRIC GRID DISTURBANCES: Voltage regulator controls.	3.8	58
K/A Category Totals:	5	2	3	4	3/4	3/3	Group Point Total:		20/7

ILT Class 08-01 NRC Written Examination Outline Emergency and Abnormal Plant Evolutions – Tier 1 Group 2

EAPE # / Name Safety Function	K1	K2	КЗ	A1	A2	G	K/A Topic(s)	Imp.	Q#	ı
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295010 High Drywell Pressure / 5					Х		AA2.02 - Ability to determine and/or interpret the following as they apply to HIGH DRYWELL PRESSURE : Drywell pressure	3.9	83
295007 High Reactor Pressure / 3						Х	2.2.40 - Equipment Control: Ability to apply technical specifications for a system.	4.7	84
295022 Loss of CRD Pumps / 1						Х	2.1.32 - Conduct of Operations: Ability to explain and apply all system limits and precautions.	4.0	85
295035 Secondary Containment High Differential Pressure / 5	x						EK1.02 - Knowledge of the operational implications of the following concepts as they apply to SECONDARY CONTAINMENT HIGH DIFFERENTIAL PRESSURE: Radiation release	3. 7	59
295033 High Secondary Containment Area Radiation Levels / 9		Х					EK2.02 - Knowledge of the operational implications of the following concepts as they apply to HIGH SECONDARY CONTAINMENT AREA RADIATION LEVELS: Process radiation monitoring system	3.8	60
295015 Incomplete SCRAM / 1			Х				AK3.01 - Knowledge of the reasons for the following responses as they apply to INCOMPLETE SCRAM: Bypassing rod insertion blocks	3. 4	61
295013 High Suppression Pool Temperature / 5				х			AA1.01 - Ability to operate and/or monitor the following as they apply to HIGH SUPPRESSION POOL TEMPERATURE : Suppression pool cooling	3. 9	62
295012 High Drywell Temperature / 5					х		AA2.01 - Ability to determine and/or interpret the following as they apply to HIGH DRYWELL TEMPERATURE : Drywell temperature	3. 8	63
295008 High Reactor Water Level / 2						Х	2.4.20 - Emergency Procedures / Plan: Knowledge of operational implications of EOP warnings, cautions, and notes.	3. 8	64
295032 High Secondary Containment Area Temperature / 5	X						EK1.02 - Knowledge of the operational implications of the following concepts as they apply to HIGH SECONDARY CONTAINMENT AREA TEMPERATURE: Radiation releases	3. 6	65
K/A Category Totals:	2	1	1	1	1/1	1/2	Group Point Total:		7/3

											+		
											A2.02 - Ability to (a) predict the		
											impacts of the following on the		
											REACTOR WATER LEVEL		
											CONTROL SYSTEM; and (b)		
259002 Reactor Water Level							Х				based on those predictions, use	3.4	86
Control											procedures to correct, control, or		
											mitigate the consequences of those		
											abnormal conditions or operations:		
											Loss of any number of reactor		
											feedwater flow inputs		
											A2.01 - Ability to (a) predict the		
											impacts of the following on the		
											EMERGENCY GENERATORS		
2 < 1000 FD G											(DIESEL/JET); and (b) based on		0.7
264000 EDGs							X				those predictions, use procedures to	3.6	87
											correct, control, or mitigate the		
											consequences of those abnormal		
											conditions or operations: Parallel		
	1		_	-	<u> </u>	<u> </u>		<u> </u>			operation of emergency generator		
											2.4.21 - Emergency Procedures /		
											Plan: Knowledge of the parameters		
											and logic used to assess the status		
245000 P.GTG											of safety functions, such as		00
217000 RCIC										X	reactivity control, core cooling and	4.6	88
											heat removal, reactor coolant		
											system integrity, containment		
											conditions, radioactivity release		
				-							control, etc.		
											2.2.37 - Equipment Control: Ability		
215004 Source Range Monitor										X	to determine operability and / or	4.6	89
											availability of safety related		
				-				-			equipment.		
											A2.11 - Ability to (a) predict the		
											impacts of the following on the		
											HIGH PRESSURE COOLANT		
											INJECTION SYSTEM; and (b)		
206000 HPCI							X				based on those predictions, use	4.2	90
											procedures to correct, control, or		
											mitigate the consequences of those		
											abnormal conditions or operations:		
											Low reactor water level: BWR-		
	1	 		-	1						2,3,4	-	1
											K1.01 - Knowledge of the physical		
											connections and/or cause- effect		
215005 ADDM / LDDM	_										relationships between AVERAGE	4.0	1
215005 APRM / LPRM	X										POWER RANGE	4.0	1
											MONITOR/LOCAL POWER		
											RANGE MONITOR SYSTEM and		
	1	 		-	1			-			the following: RPS	-	1
											K1.03 - Knowledge of the		
262000 DG EL											physical connections and/or		
263000 DC Electrical	Х										cause- effect relationships	2.6	2
Distribution	'										between D.C. ELECTRICAL		
											DISTRIBUTION and the		
	1		_	1	1	<u> </u>					following: Battery ventilation		ļ
1.5000 P.GVG											K2.02 - Knowledge of electrical		
217000 RCIC		Х									power supplies to the following:	2.8	3
Ī	1	1 1		1	1	1		I	1		RCIC initiation signals (logic)	ı	I

System # / Name	K 1	K 2	K 3	K 4	K 5	K 6	A 1	A2	A 3	A 4	G		Imp	Q#
400000 Component Cooling Water		Х										K2.02 - Knowledge of electrical power supplies to the following: CCW valves	2.9	4
212000 RPS			х									K3.08 - Knowledge of the effect that a loss or malfunction of the REACTOR PROTECTION SYSTEM will have on following: Reactor coolant primary system integrity	3.6	5
205000 Shutdown Cooling			х									K3.05 - Knowledge of the effect that a loss or malfunction of the SHUTDOWN COOLING SYSTEM (RHR SHUTDOWN COOLING MODE) will have on following: Fuel pool cooling assist: Plant-Specific	2.6	6
209001 LPCS				x								K4.10 - Knowledge of LOW PRESSURE CORE SPRAY SYSTEM design feature(s) and/or interlocks which provide for the following: Testability of all operable components	2.8	7
239002 SRVs				X								K4.05 - Knowledge of RELIEF/SAFETY VALVES design feature(s) and/or interlocks which provide for the following: Allows for SRV operation from more than one location: Plant-Specific	3.6	8
206000 HPCI					х							K5.05 - Knowledge of the operational implications of the following concepts as they apply to HIGH PRESSURE COOLANT INJECTION SYSTEM: Turbine speed control: BWR-2,3,4	3.3	9
215003 IRM					х							K5.01 - Knowledge of the operational implications of the following concepts as they apply to INTERMEDIATE RANGE MONITOR (IRM) SYSTEM: Detector operation	2.6	10
300000 Instrument Air						x						K6.07 - Knowledge of the effect that a loss or malfunction of the following will have on the INSTRUMENT AIR SYSTEM: Valves	2.5	11
223002 PCIS/Nuclear Steam Supply Shutoff						x						K6.08 - Knowledge of the effect that a loss or malfunction of the following will have on the PRIMARY CONTAINMENT ISOLATION SYSTEM/NUCLEAR STEAM SUPPLY SHUT-OFF: Reactor protection system	3.5	12

System # / Name	K 1	K 2	K 3	K 4	K 5	K 6	A 1	A2	A 3	A 4	G		Imp	Q#
264000 EDGs							X					A1.09 - Ability to predict and/or monitor changes in parameters associated with operating the EMERGENCY GENERATORS (DIESEL/JET) controls including: Maintaining minimum load on emergency generator (to prevent reverse power)	3.0	13
262001 AC Electrical Distribution							x					A1.04 - Ability to predict and/or monitor changes in parameters associated with operating the A.C. ELECTRICAL DISTRIBUTION controls including: Load currents	2.7	14
218000 ADS								X				A2.03 - Ability to (a) predict the impacts of the following on the AUTOMATIC DEPRESSURIZATION SYSTEM; and (b) based on those predictions, use procedures to correct, control, or mitigate the consequences of those abnormal conditions or operations: Loss of air supply to ADS valves: Plant-Specific	3.4	15
400000 Component Cooling Water								X			Γ	A2.03 - Ability to (a) predict the impacts of the following on the CCWS and (b) based on those predictions, use procedures to correct, control, or mitigate the consequences of those abnormal operation: High/low CCW temperature	2.9	16
259002 Reactor Water Level Control									x			A3.04 - Ability to monitor automatic operations of the REACTOR WATER LEVEL CONTROL SYSTEM including: Changes in reactor feedwater flow	3.2	17
262002 UPS (AC/DC)									x			A3.01 - Ability to monitor automatic operations of the UNINTERRUPTABLE POWER SUPPLY (A.C./D.C.) including: Transfer from preferred to alternate source	2.8	18
211000 SLC										Х		A4.03 - Ability to manually operate and/or monitor in the control room: Explosive valves firing circuit status	4.1	19
215004 Source Range Monitor										Х		A4.07 - Ability to manually operate and/or monitor in the control room: Verification of proper functioning/ operability	3.4	20
206000 HPCI											X	2.4.2 - Emergency Procedures / Plan: Knowledge of system set points, interlocks and automatic actions associated with EOP entry conditions.	4.5	21

System # / Name	K 1	K 2	K 3	K 4	K 5	K 6	A 1	A2	A 3	A 4	G		Imp	Q#
261000 SGTS											Х	2.4.8 - Emergency Procedures / Plan: Knowledge of how abnormal operating procedures are used in conjunction with EOP's.	3.8	22
262001 AC Electrical Distribution						X						K6.02 - Knowledge of the effect that a loss or malfunction of the following will have on the A.C. ELECTRICAL DISTRIBUTION: Off-site power	3.6	23
218000 ADS											х	2.1.23 - Conduct of Operations: Ability to perform specific system and integrated plant procedures during all modes of plant operation.	4.3	24
215003 IRM										х		A4.07 - Ability to manually operate and/or monitor in the control room: Verification of proper functioning/ operability	3.6	25
212000 RPS				X								K4.11 - Knowledge of REACTOR PROTECTION SYSTEM design feature(s) and/or interlocks which provide for the following: Operation with shorting links removed: Plant- Specific	3.3	26
K/A Category Totals:	2	2	2	3	2	3	2	2/3	2	3	3/2	Group Point Total:	20	6/5

System # / Name		2 4 5 6	A A A A A A A A A A	G	lmp.	Q#
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	1		1			i	i				A2 02 Ability to (a) modist the	ı	- I
290002 Reactor Vessel Internals								X			A2.02 - Ability to (a) predict the impacts of the following on the REACTOR VESSEL INTERNALS; and (b) based on those predictions, use procedures to correct, control, or mitigate the consequences of those abnormal conditions or operations: Overpressurization transient	3.9	91
290002 Reactor Vessel Internals										X	2.2.42 - Equipment Control:: Ability to recognize system parameters that are entry-level conditions for Technical Specifications.	4.6	92
268000 Radwaste										X	2.2.44 - Equipment Control: Ability to interpret control room indications to verify the status and operation of a system, and understand how operator actions and directives effect plant and system conditions.	4.4	93
202002 Recirculation Flow Control	х										K1.01 - Knowledge of the physical connections and/or cause- effect relationships between RECIRCULATION FLOW CONTROL SYSTEM and the following: Recirculation system	3.5	27
230000 RHR/LPCI: Torus/Pool Spray Mode		Х									K2.02 - Knowledge of electrical power supplies to the following: Pumps	2.8	28
201001 CRD Hydraulic			x								K3.03 - Knowledge of the effect that a loss or malfunction of the CONTROL ROD DRIVE HYDRAULIC SYSTEM will have on following: Control rod drive mechanisms	3.1	29
241000 Reactor/Turbine Pressure Regulator				Х							K4.19 - Knowledge of REACTOR/TURBINE PRESSURE REGULATING SYSTEM design feature(s) and/or interlocks which provide for the following: Steam bypass valve control	3.6	30
216000 Nuclear Boiler Inst.					Х						K5.12 - Knowledge of the operational implications of the following concepts as they apply to NUCLEAR BOILER INSTRUMENTATION: Effects on level indication due to rapid changes in void fraction	3.2	31
223001 Primary CTMT and Aux.						Х					K6.14 - Knowledge of the effect that a loss or malfunction of the following will have on the PRIMARY CONTAINMENT SYSTEM AND AUXILIARIES: RHR/LPCI	3.6	32

System # / Name	K 1	K 2	K 3	K 4	K 5	K 6	A 1	A2	A 3	A 4	G		lmp	. Q #
214000 RPIS	х											K1.01 - Knowledge of the physical connections and/or cause- effect relationships between ROD POSITION INFORMATION SYSTEM and the following: RWM: Plant-Specific	3.0	33
268000 Radwaste								X				A2.01 - Ability to (a) predict the impacts of the following on the RADWASTE; and (b) based on those predictions, use procedures to correct, control, or mitigate the consequences of those abnormal conditions or operations: System rupture	2.9	34
215002 RBM									х			A3.02 - Ability to monitor automatic operations of the ROD BLOCK MONITOR SYSTEM including: Meters and recorders: BWR-3,4,5	3.1	35
290001 Secondary CTMT										х		A4.09 - Ability to manually operate and/or monitor in the control room: System status lights and alarms: Plant-Specific	3.2	36
290003 Control Room HVAC											Х	2.1.31 - Conduct of Operations: Ability to locate control room switches, controls, and indications, and to determine that they correctly reflect the desired plant lineup.	4.6	37
219000 RHR/LPCI: Torus/Pool Cooling Mode				х								K4.09 - Knowledge of RHR/LPCI: TORUS/SUPPRESSION POOL COOLING MODE design feature(s) and/or interlocks which provide for the following: Heat exchanger cooling	3.3	38
K/A Category Totals:	2	1	1	2	1	1	0	1/1	1	1	1/2	Group Point Total:		12/3

Facility:	ILT Clas	ss 08-01 NRC Date:				
Category	K/A #	Topic	R	0	SRO-Only	
	10/7-#		IR	Q#	IR	Q#
	2.1.20	Ability to interpret and execute procedure steps.			4.6	94
	2.1.41	Knowledge of the refueling process.			3.7	98
1. Conduct	2.1.2	Knowledge of operator responsibilities during all modes of plant operation.	4.1	66		
of Operations	2.1.36	Knowledge of procedures and limitations involved in core alterations.	3.0	67		
	Subtotal			2		2
	2.2.37	Ability to determine operability and / or availability of safety related equipment.			4.6	95
2. Equipment Control	2.2.23	Ability to track Technical Specification limiting conditions for operations.			4.6	99
	2.2.6	Knowledge of the process for making changes to procedures.	3.0	68		
	2.2.17	Knowledge of the process for managing maintenance activities during power operations, such as risk assessments, work prioritizaion, coordination with the transmission system operator.	2.6	69		
	2.2.41	Ability to obtain and interpret station electrical and mechanical drawings.	3.5	74		
	0.1					
3. Radiation Control	Subtotal 2.3.15	Knowledge of radiation monitoring systems, such as fixed radiation monitors and alarms, portable survey instruments, personnel monitoring equipment, etc.		3	3.1	96
	2.3.4	Knowledge of radiation exposure limits under normal or emergency conditions.			3.7	100
	2.3.7	Ability to comply with radiation work permit requirements during normal or abnormal conditions.	3.5	70		
	2.3.12	Knowledge of Radialogical Safety Principles pertaining to licensed operator duties, such as containment entry requirements, fuel handling responsibilities, access to locked high-radiation areas, aligning filters, etc.	3.2	71		

	Subtotal			2		2
	2.4.23	Knowledge of the bases for prioritizing emergency procedure implementation during emergency operations.			4.4	97
4. Emergency Procedures / Plan	2.4.22	Knowledge of the bases for prioritizing safety functions during abnormal/emergency operations.	3.6	72		
	2.4.46	Ability to verify that the alarms are consistent with the plant conditions.	4.2	73		
	2.4.35	Knowledge of local auxiliary operator tasks during emergency and the resultant operational effects.	3.8	75		
	Subtotal			3		1
Tier 3 Point Tota		10		7		

Tier / Group	Randomly Selected K/A	Reason for Rejection
1 / 1	295027 / EK1.01	Cooper Station has Mark 1 containment.
2 / 1	209002 / K2.02	Cooper Nuclear Station is a BWR 4 and does not have High Pressure Core Spray, this K/A is specific to BWR 5, 6.
2 / 1	207000 / K2.02	Cooper Nuclear Station is a BWR 4 and does not have Isolation Condensers, this K/A specific to BWR 2, 3.
2 / 1	207000 / K6.01	Cooper Nuclear Station is a BWR 4 and does not have Isolation Condensers, this K/A specific to BWR 2, 3.
2 / 1	207000 / K4.04	Cooper Nuclear Station is a BWR 4 and does not have Isolation Condensers, this K/A specific to BWR 2, 3.
2/2	286000 / K6.05	Cooper Nuclear Station has specific fire pumps that draw water from a storage tank. This water is supplied via a well system and does not come to the fire tanks via the screen wash system. These 2 systems do not intertie so this K/A is not applicable.
2/2	223001 / K6.10	Cooper Nuclear Station uses a Mark 1 containment, this K/A is for Mark 3 containments and does not apply.
2/2	223001 / A1.03	Cooper Nuclear Station uses a Mark 1 containment, this K/A is specific to Mark 3 containments and does not apply.
1 / 1	295019 / AK2.13	The subject K/A isn't relevant at the subject facility.
1 / 1	600000 / AA1.08	It isn't possible to prepare a psychometrically sound question related to the subject K/A.
2 / 1	203000 / K5.01	It isn't possible to prepare a psychometrically sound question related to the subject K/A.
2/2	202001 / K3.06	The subject K/A isn't relevant at the subject facility.
2/2	201004 / A3.03	The subject K/A isn't relevant at the subject facility.
1 / 1	295005 / AK1.03	Duplicate K/A from question 39.
1/1	295030 / 2.4.49	This K/A requires a from memory immediate operator action. The actions for Low SP level are basedon EOPs and are not from memory. The EOPs are references for other exam questions on the Exam and the student will have these.
1 / 1	295027 / EA2.04	Cooper Nuclear Station uses a Mark 1 containment, this K/A is specific to a Mark 3 containment and does not apply.
2/2	202002 / A2.08	Cooper Nuclear Station is a BWR 4 and does not have Flow Control Valves in the Recirculation Flow control system, this K/A is specific to BWR 5, 6 and does not apply.
1/1	295038 / 2.4.49	K/A has no compatibility with 10CFR55.43 (b)

2 / 1	209002 / 2.2.12	The subject K/A isn't relevant at the subject facility.
2/1	262002 / A2.04	The subject K/A isn't relevant at the subject facility.
2/2	215002 / 2.2.38	The subject K/A isn't relevant at the subject facility.
2 / 1	264000 / 2.4.18	Can not develop question that meets the requirements of 10CFR55.43(b) and this K/A.
2 / 1	300000 / 2.4.1	Can not develop question that meets the requirements of 10CFR55.43(b) and this K/A.
2/2	239003 / A2.10	The subject K/A isn't relevant at the subject facility.
1 / 1	600000 / AA2.05	Can not develop a question that meets requriements of 10CFR55.43(b) and this K/A
1 / 1	295023 / AA2.04	Can not develop a question that meets the requirements of 10CFR55.43(b) and this K/A
1 / 2	295008 / AA2.04	Can not develop a question that meets the requirements of 10CFR55.43(b) and this K/A.
1 / 1	295021 / 2.2.25	This is a tech spec basis question which is SRO only and not appropriate for the RO portion of the exam.